

SRCC

**Handbook
2021-22**



**SHRI RAM
COLLEGE
OF
COMMERCE**

SRCC HANDBOOK 2021-22

Prof. Simrit Kaur
Principal

Dr. J.K. Thukral
Convenor



SHRI RAM COLLEGE OF COMMERCE

College Handbook Committee

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 Ms. Charu Goyal
 Ms. Suman Si
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 Mr. Ranjeet Kumar Aggarwal
 Ms. Priyanka Aggarwal
 Ms. Sakshi Gambhir
 Ms. Preeti Devi
 Mr. Deepak Kumar
 Ms. Hijam Liza Dallo Rihmo
 Dr. Gaurav Sharma
 Dr. Shefali Kapoor
 Ms. Sunita Sharma

Vision

“SRCC A College of Global Choice”

Mission

"To achieve and sustain excellence in teaching and research, and enriching local, national and international communities through our research, the skills of alumni, and the publishing of academic and educational materials"

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DISCLAIMER

In case of any discrepancy between the information contained in this Handbook and the Ordinances, Rules and Regulations, Notices, Circulars issued by University of Delhi, the latter will prevail.

DEPARTMENTS & FACULTY

PRINCIPAL

Prof. Simrit Kaur

DEPARTMENT OF COMMERCE

Professors

Prof. C. S. Sharma

Prof. Anil Kumar

Associate Professors

Ms. Smita Sharma

Dr. Deepashree

Mr. S. K. Bohidar

Dr. Suman Bhakri

Ms. Reena Chadha

Ms. Renu Agarwal

Dr. Sneh Lata Gupta

Dr. Amit Sachdeva

Dr. Rachna Jawa

Ms. Alka Goyale

Dr. Aruna Jha

Ms. Santosh Sabharwal

Dr. Mallika Kumar

Dr. Santosh Kumar

Dr. Abhay Jain (*Teacher-in-Charge*)

Dr. Santosh Kumari

Mr. Harendra Nath Tiwari

Dr. Tarun Manjhi

Dr. Surya Prakash

Dr. Astha Dewan

Dr. Vandana Jain

Dr. Naveen Mittal

Assistant Professors

Dr. Padmeswar Doley

Dr. Nawang Gialchhen

Ms. Kinneri Jain

Ms. Karuna

Dr. Monika Bansal

Dr. Alok Kumar

Ms. Amanpreet Kaur

Ms. Anisha

Mr. Raj Kumar Sah

Ad-hoc Faculty

Ms. Anuradha Agarwal

Dr. Kanu Jain

Ms. Vartika Khandelwal

Dr. Shalini Aggarwal

Dr. Shikha Makkar

Dr. Namita Jain

Ms. Saroj Joshi

Ms. Richa Gupta

Ms. Ankita Tomar

Ms. Anu Malhotra

Dr. Dipika Bansal

Ms. Arushi Malhotra

Ms. Himani Dahiya

Dr. Arjun Mittal

Ms. Charu Goyal

Ms. Saumya Aggarwal

Ms. Manpreet Sharma

Mr. Sudhanshu Yadav

Ms. Neetu Dhayal

Ms. Prerna Soni

Dr. Yusra Naseem

Mr. Harish Kumar

Ms. Asha Rani

Ms. Sarita

Ms. Anju Verma

Ms. Poonam

Ms. Prerana

Ms. Renu Verma

Ms. Meenu

Mr. Pankaj Shah

Mr. Nikhini Athili

Mr. Ranjeet Kumar Agarwal

Ms. Pinky Kumari

Ms. Priyanka Aggarwal

Mr. Gaurav Rana

Ms. Kamaldeep Kaur Sarna

Mr. Saurabh Gupta

Ms. Suman Si

Mr. Satnam Singh

Ms. Varda Sardana

Dr. Jaideep

Mr. Dixit Yadav

Ms. Shalini Rawal

Ms. Kavita Kamboj Chandra

Mr. Amarjeet

Ms. Sakshi Gambhir

Ms. Preeti Devi

Mr. Deepak Kumar

Mr. Mohd Hassan
Ms. Ruchika Choudhary
Ms. Purnima Meena
Ms. Vaishali Chhokar
Mr. Haridarshan Singh
Mr. Vikki Sharma
Ms. Bhavya Bansal
Mr. Shashank Vikram Pratap Singh

DEPARTMENT OF ECONOMICS

Professors

Prof. A.J.C. Bose

Associate Professors

Ms. Anita Mathur
Dr. Rajiv Jha
Dr. Rituranjan
Ms. Priyanka Bhatia
Dr. Esther N. Ngaihte (*Teacher-in-Charge*)
Ms. Renu Bansal
Dr. Rajeev Kumar

Assistant Professors

Mr. Avinash Kumar Jha
Mr. Rakesh Ranjan

Ad-hoc Faculty

Ms. Anuradha Gulati
Ms. Nidhi Gupta
Mr. Aasheerwad Dwivedi
Mr. Ashwani Kumar
Ms. Kopal Gupta
Mr. Kaushal Kishore
Mr. Ravi Kant
Ms. Garima Agarwal
Ms. Anushruti
Mr. Abhinav Prakash Singh
Mr. A. David Longkumer
Ms. Megha Yadav
Ms. V. Sushmitha Naidu
Mr. Vibhor Verma
Mr. Ajay Kumar Yadav
Ms. Kanika Aggarwal
Ms. Saumya Kumar

DEPARTMENT OF ENGLISH

Associate Professors

Mr. Soumitra Kumar Choudhury
Mr. Shailesh K. Chawla
Dr. Ruchi Kaushik (*Teacher-in-Charge*)

Ad-hoc Faculty
Mr. Ashish Gautam

DEPARTMENT OF MATHEMATICS

Associate Professors
Dr. J.K. Thukral
Dr. Misha G. Govil (*Teacher-in-Charge*)
Dr. Pushp Lata Jain

Ad-hoc Faculty Members
Ms. Sunita Sharma
Dr. Shefali Kapoor

DEPARTMENT OF HINDI

Associate Professors
Dr. Ravi Sharma (*Teacher-in-Charge*)

DEPARTMENT OF POLITICAL SCIENCE

Assistant Professor
Mr. V.V. Linesh (*Teacher-in-Charge*)
Dr. Hijam Liza Dallo Rihmo

DEPARTMENT OF COMPUTER SCIENCE

Associate Professor
Mr. Vikas Madan (*Teacher-in-Charge*)

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

Associate Professor
Dr. Kuljeet Kaur (*Teacher-in-Charge*)

Director of Physical Education
Dr. Vineet Mehta

DEPARTMENT OF EVS

Mr. Harvinder Singh
Dr. Gaurav Sharma

ADMINISTRATION

Administrative Officer (Administration)	Mr. Shiv Nandan (<i>Officiating</i>)
Administrative Officer (Accounts)	Mr. Sanjay Dobhal (<i>Officiating</i>)
Administrative Officer (On leave)	Mr. Jatin Lamba
Sr. P. A. to Principal	Mr. Shiv Nandan
Librarian	Mr. Sandeep Nawani (<i>Officiating</i>)
Section Officer (Administration)	Ms. Juleta Khan
Section Officer (Accounts)	Mr. Sanjay Dobhal
In-Charge, Computer Centre	Ms. Neha Sharma
Caretaker	Mr. Satyakam Gupta

ACADEMIC CALENDAR SEMESTER SCHEME (2021-2022)

SEMESTER V

Classes Begin	20 th July, 2021 (Tuesday)
Mid-Semester break	10 th October, 2021 (Sunday) to 17 th October, 2021 (Sunday)
Classes begin after Mid-Semester Break	18 th October, 2021 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	16 th November, 2021 (Tuesday)
Theory Examinations begin	30 th November, 2021 (Tuesday)
Winter Break	17 th December, 2021 (Friday) to 31 st December, 2021 (Friday)

SEMESTER VI

Classes begin	1 st January, 2022 (Saturday)
Mid-Semester break	13 th March, 2022 (Sunday) to 20 th March, 2022 (Sunday)
Classes begin after Mid-Semester Break	21 st March, 2022 (Monday)
Dispersal of Classes, Preparation leave and Practical Examinations begin	28 th April, 2022 (Thursday)
Theory Examinations begin	11 th May, 2022 (Wednesday)
Summer Vacations	26 th May, 2022 (Thursday) to 19 th July, 2022 (Tuesday)

SEMESTER III

Classes Begin	16.08.2021 (Monday)
Dispersal of Classes, preparation leave and practical examination begin	08.12.2021 (Wednesday) to 14.12.2021 (Tuesday)
Theory examination begin	15.12.2021 (Wednesday)
Semester break	29.12.2021 (Wednesday) to 02.01.2022 (Sunday)

SEMESTER IV

Classes Begin	03.01.2022 (Monday)
Mid Semester Break	17.03.2022 (Thursday) to 20.03.2022 (Sunday) Note: Holi on 18.03.2022 (Friday)
Classes begin after Mid Semester break	21.03.2022 (Monday) to 27.04.2022 (Wednesday)
Dispersal of classes, preparation leave and practical examination begin	28.04.2022 (Thursday) to 08.05.2022 (Sunday)
Theory Examination Begin	09.05.2022 (Monday)
Summer Vacation	24.05.2022 (Tuesday) to 19.07.2022 (Tuesday)

Course: 504
B. Com. (Hons.)

Introduction

The B.Com. (Hons.) programme offered by Shri Ram College of Commerce as a constituent college of the University of Delhi is designed to enable and empower students to acquire the necessary knowledge, skills and abilities to analyse and synthesize the contemporary realities of the domain of business. This programme aims at instilling conceptual and practical understanding to equip students to manage businesses and organisations, and prepares them to drive and face the challenge of tomorrow. It also encourages the students to explore the world of technology and digitization in the relevant field as envisaged by the scholars and policymakers. Further, this course is designed to help cultivating entrepreneurial mindset and skills.

Aims

The B.Com. (Hons.) programme is a specialised programme designed with a distinct focus on specialisation in the field of commerce. The aims of the programme are:

- To instil in the students the knowledge and capability of understanding the business world and its complexities. It will also develop the ability and competence to have a problem-solving approach towards the issues which accompany the dynamism attached to the business world
- To inculcate attitudes and character that will help students evolve into sensitive and technically sound future business leaders rather than managers and aims at enhancing employability options of the students. The curriculum helps instilling learnability among students for upskilling and reskilling even in later part of life.

Course Structure for B. Com. (Hons.) – CBCS

Paper Names	
Semester I	
Environmental Studies/ Communication (English/Hindi)	Ability Enhancement Compulsory Course (AECC - 1)
Financial Accounting	Core Course (C-1)
Business Laws	Core Course (C-2)

<p>Generic Elective (GE-1): Any one of the following:</p> <ul style="list-style-type: none"> • Introductory Microeconomics (Dept. of Economics) • Individual and Society (Dept. of English) • Calculus (Dept. of Mathematics) • हिंदी सिनेमा (Dept. of Hindi) • Politics of Globalization (Dept. of Political Science) • Yoga and Stress Management (Dept. of Physical Education and Sports) 	Generic Elective (GE-1)
Semester II	
Environmental Studies/Communication (English/Hindi)	Ability Enhancement Compulsory Course (AECC - 2)
Corporate Accounting	Core Course (C-3)
Corporate Laws	Core Course (C-4)
<p>Generic Elective (GE-2): Any <i>one</i> of the following</p> <ul style="list-style-type: none"> • Introductory Macroeconomics (Dept. of Economics) • Cinematic Adaptations of Literary Texts (Dept. of English) • Linear Algebra (Dept. of Mathematics) • पट कथा और संवाद लेखन (Dept. of Hindi) • Women, Power, and Politics (Dept. of Political Science) • Obesity Management (Dept. of Physical Education and Sports) 	Generic Elective (GE-2)
Semester III	
Human Resource Management	Core Course (C-5)
Income-tax Law and Practice	Core Course (C-6)
Management Principles and Applications	Core Course (C-7)

<p>Generic Elective (GE-3): Any one of the following:</p> <ul style="list-style-type: none"> • Data Analysis or Money and Banking or Indian Economy I or Economic History of India (Dept. of Economics) • Media and Communication Skills (Dept. of English) • Linear Programming and Game Theory (Dept. of Mathematics) • हिंदी कहानी (Dept. of Hindi) • Nationalism in India (Dept. of Political Science) • Aerobic Training (Dept. of Physical Education and Sports) 	<p>General Elective (GE-2)</p>
<p>Skill Enhancement Course (SEC-1): Any one of the following:</p> <ul style="list-style-type: none"> • E-commerce • Training and Development • Digital Marketing • Personal Tax and Planning • Communication and Documentation in Business • Personal Finance and Planning 	<p>Skill Enhancement Course (SEC-1)</p>
<p>Semester IV</p>	
<p>Cost Accounting</p>	<p>Core Course (C-8)</p>
<p>Business Mathematics</p>	<p>Core Course (C-9)</p>
<p>Computer Applications in Business</p>	<p>Core Course (C-10)</p>
<p>Generic Elective (GE-4): Any one of the following:</p> <ul style="list-style-type: none"> • Indian Economy-II or Public Finance or Global Political Economy or Game Theory (Dept. of Economics) • Text and Performance: Western Performance Theories and Practices (Dept. of English) • Elements of Analysis (Dept. of Mathematics) • हिंदी का वैश्विक परिदृश्य (Department of Hindi) • Gandhi and the Contemporary World (Dept. of Political Science) • Fitness and Exercise Management (Dept. of Physical Education and Sports) 	<p>General Elective (GE-2)</p>

Skill Enhancement Course (SEC-2): Any one of the following: <ul style="list-style-type: none"> • Computerised Accounting System • Business Research Methods & Analytics • Leadership and Team Development • Collective Bargaining and Negotiation Skills • E-Filing of Returns • Cyber Crimes and Laws 	Skill Enhancement Course (SEC-2)
Semester V	
Principles of Marketing	Core Course (C-11)
Financial Management	Core Course (C-12)
Discipline Specific Elective (Any one out of Group-A): <ul style="list-style-type: none"> • Management Accounting • Organizational Behaviour • Macro- Economics • Entrepreneurship Development 	Discipline Specific Elective (DSE -1)
Discipline Specific Elective (Any one out of Group-B): <ul style="list-style-type: none"> • Corporate Tax Planning • Financial Markets, Institutions and Services • Advertising and Personal Selling • Business Statistics 	Discipline Specific Elective (DSE - 2)
Semester VI	
Auditing and Corporate Governance	Core Course (C-13)
Goods & Service Tax (GST) & Customs Law	Core Course (C-14)
Discipline Specific Elective (Any one out of Group - C) <ul style="list-style-type: none"> • Fundamentals of Investment • Compensation Management • Business Tax Procedures and Management • Consumer Affairs and Customer Care 	Discipline Specific Elective (DSE-3)
Discipline Specific Elective (Any one out of Group-D) <ul style="list-style-type: none"> • Financial Reporting and Analysis • Banking and Insurance • Project Management & Techniques • International Business • Industrial Relations and Labour Laws 	Discipline Specific Elective (DSE-4)

Notes:

1. For Practical Lab based
 - a) For Core Courses, Financial Accounting (C-1), Income-tax law and Practice (C-6), Business Mathematics (C-9), and Fundamentals of Financial Management (C-12), there shall be 4 Credit hrs. for Lectures + one Credit hr. (Two Practical Periods per week per batch) for Practical Lab + one credit hr for Tutorials (per group)
 - b) For Core Courses, Computer Applications in Business (C-10) and Discipline Specific Elective Computerised Accounting System (DSE-2), there shall be 4 Credit Hrs. for Lectures + Two Credit hrs. (4 Practical Periods per week per batch) for Practical Lab.
 - c) For Skill Enhancement Elective Course, E-Commerce (SEC-1), there shall be 3 Credit Hrs. for Lectures + One Credit hr. (2 Practical Periods per week per batch) for Practical Lab.
2. For other core and elective papers, there shall be 5 lectures and one Tutorial (per batch).
3. Generic electives to be offered by other departments.

Course: 510

B. A. (Hons.) Economics – CBCS

Introduction

The B. A. (Hons.) Economics programme offered by Shri Ram College of Commerce as a constituent college of the University of Delhi offers a rigorous basis for much of the advanced thinking in the discipline of Economics. It provides the student with a logical paradigm for conceptualising and interpreting the behaviour and interactions of households, firms, and government institutions. The curriculum allows students to choose elective courses from a set of courses with contemporary relevance, thereby offering students the flexibility to prepare for careers in academia, law, management, journalism, government, and many other fields. The programme is consistent with global standards in the discipline of Economics. It offers training that is comparable to that of an undergraduate student at the world's best universities.

The program aims to:

- Train student in basic economic theory
- Equip students with the mathematical and statistical techniques necessary for a proper understanding of the discipline
- Discuss real world economic issues and problems facing the country and the world
- Enable students to understand proper policy responses to economic problems
- Train students to collect primary data and learn sampling techniques
- Train students to use statistical and econometric methods to arrive at conclusions about the validity of economic theories
- Train students to learn the art of economic modelling.

Course Structure for B. A. (Hons.) Economics – CBCS

Semester-I

Economics Core Course 1: Introductory Microeconomics

Economics Core Course 2: Mathematical Methods for Economics-I
Environmental Studies/Communication (English/Hindi)

Generic Elective (GE) Course-I: Any one of the following:

- Basics of Accounting or Business Organisation and Management (Dept. of Commerce)
- Individual and Society (Dept. of English)
- Calculus (Dept. of Mathematics)
- हिंदी सिनेमा (Dept. of Hindi)
- Politics of Globalization (Dept. of Political Science)
- Yoga and Stress Management (Dept. of Physical Education and Sports)

Semester-II

Economics Core Course 3: Introductory Macroeconomics

Economics Core Course 4: Mathematical Methods for Economics-II
Environmental Studies/Communication (English/Hindi)

Generic Elective (GE) Course-II: Any one of the following:

- Cinematic Adaptations of Literary texts (Dept. of English)
- Entrepreneurship or Finance for Non-Finance Executives (Dept. of Commerce)
- Linear Algebra (Dept. of Mathematics)
- पट कथा और संवाद लेखन (Department of Hindi)
- Women, Power & Politics (Dept. of Political Science)
- Obesity Management (Dept. of Physical Education and Sports)

Semester-III

Economics Core Course 5: Intermediate Microeconomics-I

Economics Core Course 6: Intermediate Macroeconomics-I

Economics Core Course 7: Statistical Methods for Economics

Skill Enhancement Course (SEC)-I: Data Analysis

Generic Elective (GE) Course-III: Any one of the following:

- Investing in Stock Exchange or Human Resource Management or Fundamentals of Marketing (Dept. of Commerce)
- Media and Communicational Skills (Dept. of English)
- Linear Programming & Game theory (Dept. of Mathematics)
- हिंदी कहानी (Dept. of Hindi)
- Nationalism in India (Dept. of Political Science)
- Aerobic Training (Dept. of Physical Education and Sports)

Semester-IV

Economics Core Course 8: Intermediate Microeconomics-II

Economics Core Course 9: Intermediate Macroeconomics-II

Economics Core Course 10: Introductory Econometrics

Skill Enhancement Course (SEC)-II: Contemporary Economic Issues or Research
Methodology

Generic Elective (GE) Course-IV: Any one of the following:

- Insurance and Risk Management or Project Management and Techniques

- (Dept. of Commerce)
- Text and Performance: Western Performance Theories and Practices (Dept. of English)
 - Elements of Analysis (Dept. of Mathematics)
 - हिंदी का वैश्विक परिदृश्य (Dept. of Hindi)
 - Gandhi and the Contemporary World (Dept. of Political Science)
 - Fitness and Exercise Management (Dept. of Physical Education and Sports)

Semester-V

Economics Core Course 11: Indian Economy-I

Economics Core Course 12: Development Economics-I

DSE Course-I (From List of Group-I)

DSE Course-II (From List of Group-I)

Group-I (DSE Courses):

- | | |
|---|--------------------------|
| i. Game Theory | v. International Trade |
| ii. Applied Econometrics | vi. Public Economics |
| iii. Economics History of India (1857-1947) | vii. Financial Economics |
| iv. Political Economy-I | |

Semester-VI

Economics Core Course 13: Indian Economy-II

Economics Core Course 14: Development Economics-II

DSE Course-III (From List of Group-II)

DSE Course-IV (From List of Group-II)

Group-II (DSE Courses):

- | | |
|---|--------------------------------|
| a. Political Economy-II | e. Money and Financial Markets |
| b. Comparative Economic Development (1850-1950) | f. Open Economy Macroeconomics |
| c. Economics of Health and Education | g. Law and Economics |
| d. Environmental Economics | |

Course: 812

M.COM. (Master Of Commerce)

SRCC offers the Master of Commerce course. The Alumni are well placed in business, academics and administration in the country and abroad. The programme is well received in the industry and for years had been serving the needs of managerial cadre in business and industry. The course serves the needs of academics as well and prepares students for research and teaching in business studies. Teaching is done at the Department of Commerce, Faculty of Commerce & Business, Delhi School of Economics.

Course Structure for M.COM. (Master Of Commerce)

Paper Names

Semester I

MCCC101 Business Statistics

MCCC102 Advanced Management Accounting

MCCC103 Managerial Economics

MCCC104 Financial Planning

MCCC105 Organizational Behaviour

Semester II

MCCC201 Operations Research
MCCC202 International Business
MCCC203 Marketing Management
MCCC204 Advanced Financial management and Policy
MCCC205 Ethics, Corporate Governance and Sustainability

Semester III

MCCC301 Business Research
MCEC Major Elective 1
MCEC Major Elective 2
MCEC Minor Elective 1
MCOE Open Elective 1

Semester IV

MCCC401 Strategic Management
MCEC Major Elective 3
MCEC Major Elective 4
MCEC Minor Elective 2
MCOE Open Elective 2

List of Elective Courses

Major Elective Groups

Accounting

MCEC01 Accounting Information System
MCEC02 Strategic Cost Analysis and Performance Evaluation
MCEC03 Forensic Accounting and Fraud Examination
MCEC04 Global Financial Reporting and Disclosure

Human Resource Management (HRM)

MCEC05 Human Resource Development
MCEC06 Strategic Human Resource Management
MCEC07 Industrial Relations and Compensation Laws
MCEC08 Human Resource Analytics

Finance

MCEC09 Security Analysis and Portfolio Management
MCEC10 Financial Institutions and Markets
MCEC11 International Financial System
MCEC12 International Financial Management

Marketing

MCEC13 Advertising and Sales Management
MCEC14 International Marketing Management
MCEC15 Consumer Behaviour
MCEC16 Supply Chain Management and Logistics

International Business

MCEC17 India's Foreign Trade and Investment
MCEC18 Export Marketing
MCEC19 EXIM Procedures and Documentation

MCEC20 International Trade Logistics

Minor Elective Courses

Business Laws

MCEC21 Corporate Laws: Cases and Applications

MCEC22 Industrial Laws : Cases and Implementation

International Business

MCEC17 India's Foreign Trade and Investment

MCEC19 EXIM Procedures and Documentation

Accounting

MCEC02 Strategic Cost Analysis and Performance Evaluation

MCEC04 Global Financial Reporting and Disclosure

Taxation

MCEC23 Principles and Practice of Taxation

MCEC24 Corporate Tax Structure and Planning

Finance

MCEC09 Security Analysis and Portfolio Management

MCEC12 International Financial Management

Human Resource Management (HRM)

MCEC05 Human Resource Development

MCEC07 Industrial Relations and Compensation Laws

Marketing

MCEC13 Advertising and Sales Management

MCEC15 Consumer Behaviour

Banking & Insurance

MCEC25 Banking Products and Practice

MCEC26 Insurance Products and Practice

Open Elective Courses

COMOE01 Entrepreneurship and New Venture Planning

COMOE02 Legal Environment of Business

COMOE05 Life Skills and Communication

COMOE06 Indian Ethos and Leadership

COMOE07 Financial Modeling Using Excel

CHOICE BASED CREDIT SYSTEM (CBCS)

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses. The courses can be evaluated following the grading system, which is considered to be better than the conventional marks system. Therefore, it is necessary to introduce uniform grading system in the entire higher education in India. This will benefit the students to move across institutions within India to begin with and across countries. The uniform grading system will also enable potential employers in assessing the performance of the candidates. In order to bring uniformity in evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on student's performance in examinations, the UGC has formulated the guidelines to be followed.

RELEVANT ORDINANCES

1. Span period for the under-graduate courses under the Choice Based Credit System (CBCS)

Ordinance VIII (2)

For all the students obtaining admissions under the Three Year Under-graduate Programme under CBCS starting 2015-16, the span period to complete the course will be 6 years from the year of admission in the first semester, irrespective of the different courses provided the student has completed all requirements to become eligible for appearing in the University Examinations as per rules.

2. Pass Percentage and Promotion Rules for All the Under-Graduate Courses under Choice Based Credit System

Ordinance IX

The following provisions shall be applicable to students admitted to the Three Year Undergraduate programme under Choice Based Credit System (CBCS):

12(1)

- a. A student who appears in an odd semester examinations or who was eligible to appear in the odd semester examinations but remains absent in any or all the papers of the said semester, shall move on to the next even semester irrespective of his/her result in the said examinations.
- b. The result shall be prepared on the basis of the formula prescribed as at Table 'a' with minor changes in the computation of grade cut off as at table 'B'. The passing criteria of attaining 40% marks in numerical value is therefore to be 'deleted'.
- c. A student shall be eligible for promotion from 1st year to 2nd year/ III semester provided he/she has passed 50% papers of I and II semester taken together and similarly for promotion from 2nd year to 3rd year/ Vth semester.
- d. The student shall be declared fail as per the formula prescribed by UGC at Table 'A'. However, they shall have the option to retain the marks in the paper in which they want to retain.
- e. A student Shall be declared eligible for degree provided he/she has passed all the papers of 1st year, 2nd year and 3rd year pf a course as per approval of the Executive Council (EC Resolution No. CNC-11/093/2015-16 dated 28th September, 2015)
- f. A student who wants to re-appear for improvement in marks in a paper prescribed for semester I/III/V may do so only in the semester examinations to be held in November-December. A student who wants to re-appear for

improvement in a paper prescribed in semester II/IV/ VI may do so only in the examinations to be held in May/June.

(2) Re-appearance for improvement

- (a) A student may re-appear in any theory paper prescribed for a semester, on foregoing in writing her/his previous performance in the paper/s concerned. This can be done in the immediate subsequent semester examination only (for example, a student reappearing in paper prescribed for semester I examination may do so along with subsequent semester IIIrd examination and not along with papers for semester Vth).
- (b) A candidate who has cleared examinations of third academic year (Vth and VIth semesters) may re-appear in any paper of V or VI semester only once, at the immediate subsequent examinations on foregoing in writing her/his previous performance in the paper/s concerned, within the prescribed span period. (**Note:** The candidate of this category will not be allowed to join any postgraduate courses)
- (c) In the case of re-appearance in paper, the result will be prepared on the basis of candidate's current performance in the examinations.
- (d) In the case of a candidate, who opts to re-appear in any paper/s under the aforesaid provisions, on surrendering her/his earlier performance but fails to reappear in the paper/s concerned, the marks previously secured by the candidate in the paper/s in which she/he has failed to re-appear shall be taken into account while determining her/his result of the examination held currently.
- (e) Re-appearance in practical/internal assessment shall not be allowed.
- (f) All papers of Core, Elective, Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC) shall be for 100 marks each and 25 marks shall be for Internal Assessment (IA).
- (g) Examination for Practical wherever applicable shall be based on continuous evaluation.
- (h) Duration of end semester theory examinations of Core and Elective subjects shall be three hours.
- (i) The entire evaluation process for AECC and Skill Enhancement Courses (SEC) shall be undertaken by each college where the AECC and SEC are being taught and the teacher responsible for the conduct of learning of the AECC and SEC shall be responsible for the evaluation,
- (j) There shall be no internal assessment in practical papers,
- (k) There shall be no supplementary examinations.
- (l) Paper setting and evaluation of the answer script of the concerned paper shall be coordinated by the respective boards appointed by the Competent Authority. In case of all Core Courses offered in different programmes across the disciplines, the assessment / evaluation of the 'theoretical component towards the end of the semester should be undertaken by external examiners from outside the college at the UG level who may be appointed by the Competent Authority.
- (m) Eligibility for award of degree under CBCS.

(3) Letter grades and grade points

- (a) A student who passes all the papers prescribed for semester I to semester VI examinations would be eligible for the degree. Such a student shall be categorized on the basis of the combined result of semester I to semester VI examinations under CBCS on a 10 point grading system with the following Letter Grades as given below:

Letter Grade	Grade
O (Outstanding)	10
A+ (Excellent)	9
A (Very Good)	8
B+ (Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

Issue of Transcripts: Based on the grades earned, a Grade Certificate shall be issued to all the registered students by the University after every semester and a consolidated transcript indicating the performance in all semesters. The Grade Certificate will display the course details (code, title of the paper, number of credits, grade secured) along with SGPA of each semester and CGPA earned based on overall six semesters.

- (b) A student obtaining Grade F shall be considered failed and will be required to re-appear in the examinations.
- (c) For non-credit courses, 'satisfactory' or 'unsatisfactory' shall be indicated instead of the Letter Grade and this will not be counted for the computation of SGPA/CGPA.

Outline of Choice Based Credit System:

1. **Core Course:** A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.
2. **Elective Course:** Generally, a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.
 - 2.1 **DSE Course:** Elective courses may be offered by the main discipline/subject of study is referred to as Discipline Specific Elective. The University/Institute may also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).
 - 2.2 **Dissertation/Project:** An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a candidate studies such a course on his own with an advisory support by a teacher/faculty member is called dissertation/project.
 - 2.3 **Generic Elective (GE) Course:** An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure is called a Generic Elective. P.S.: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice versa and such electives may also be referred to as Generic Elective.
3. **Ability Enhancement Courses (AEC)/Competency Improvement Courses/Skill Development Courses/Foundation Course:** The Ability Enhancement (AE) Courses may be of two kinds: AE Compulsory Course (AECC) and AE Elective Course (AEEC). "AECC" courses are the courses based upon the content that leads to Knowledge enhancement. They (i) Environmental Science, (ii) English/Hindi Communication are mandatory for all disciplines. AEEC

courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc.

Project work/Dissertation is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation /difficult problem. A Project/Dissertation work would be of 6 credits. A Project/Dissertation work may be given in lieu of a discipline specific elective paper.

SYLLABUS: B. Com (Hons.)

Semester - I

Paper AECC-1: ENVIRONMENTAL STUDIES/COMMUNICATION (ENGLISH/HINDI)*

*Please refer to Page No. 125 see details of Environmental Studies/ Communication (English/Hindi)

Paper C-1: FINANCIAL ACCOUNTING

Course Objective

This course provides conceptual knowledge of financial accounting and the techniques for preparing accounts in different types of business organisations.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the theoretical framework of accounting and to prepare financial statements

CO2: explain and determine depreciation and value of inventory

CO3: learn accounting for hire purchase transactions, leases, branches and departments

CO4: understand the concepts of partnership firm and prepare accounts for dissolution of a partnership firm

CO5: develop the skill of preparation of trading and profit and loss account and balance sheet using computerized accounting.

Course Contents

Unit-1: Introduction

Conceptual Framework: Accounting principle, Concepts and Conventions Introduction to Accounting Standards and Indian Accounting Standards (AS & Ind AS), Accounting Process: Journal, ledger, Trial Balance, Financial Statements (overview) Capital Expenditure (and Receipts), Revenue Expenditure (and Receipts) and Deferred Revenue Expenditure. Preparation of Financial Statements of a profit making sole proprietorship trading firm with additional information, Preparation of Financial Statements of a not for profit organisations.

Unit-2: Depreciation Accounting and Inventory Valuation

Accounting for Plant Property and Equipment & Depreciation: Meaning of Depreciation, Depletion and amortization, Objective and Methods of depreciation (Straight line, Diminishing Balance), Change of Method, Inventory Valuation: Meaning, Significance of Inventory Valuation, Inventory Record System-Periodic and Perpetual, Methods of Inventory Valuation-FIFO, LIFO and Weighted Average (Relevant accounting Standards as applicable)

Unit-3: Special types of Accounting

Hire Purchase Accounting: Calculation of Interest, Partial and Full Repossession, profit Computation (Stock & Debtors System only), Accounting for Leases: Concept, Classification of leases (Simple practical problems), Accounting for Branches (excluding foreign branches): Dependent branches ('Debtors system' and 'Stock & debtors System') and overview of Independent branches. Departmental Accounting: Concept, Type of departments, Basis of allocation of departmental expenses, Methods of departmental accounting (excluding memorandum stock and memorandum mark-up account method)
(Relevant accounting Standards as applicable)

Unit-4: Accounting for Partnership Firm

Partnership accounts: Fundamentals, Admission, Retirement and Death of a partner (only an overview), Accounting for Dissolution of Partnership Firm: Dissolution of Partnership Firm including Insolvency of partners (excluding sale to a limited company), Gradual realization of assets and piecemeal payment of liabilities

Unit-5: Computerized Accounting System

Computerized Accounting System: Computerized accounts by using any popular accounting software: Creating a company; Configure and Features settings; Creating Accounting Ledgers and Groups, Creating Stock Items and Groups; Vouchers Entry; Generating Reports – Cash Book, Ledger Accounts, Trail Balance, Profit and Loss Account, Balance Sheet, Funds Flow Statement, Cash Flow Statement, Selecting and Shutting a Company; Backup and Restore of Data of a Company

Note: Latest Accounting Standards to be followed

References

1. Goyal, Bhushan Kumar and H.N. Tiwari, Financial Accounting , Taxmann
2. Kumar, Alok. Financial Accounting, Singhal Publication.
3. Lt Bhupinder. Financial Accounting – Concepts and Applications, Cengage
4. Monga, J R. Financial Accounting: concept and Applications. Mayur paper Backs, New Delhi
5. Sehgal, Ashok & Deepak Sehgal. Fundamentals of Financial Accounting, Taxmann
6. Tulsian, P C. Financial Accounting, Tata McGraw Hill New Delhi
7. Lal, Jawahar, Seema Srivastava & Abrol, Shivani. Financial Accounting Text and problems, Himalaya Publishing House, New Delhi.

Additional Resources

1. Charles, T Horngren, Gart L. Sundem, John A Elliot and Donna R. Philbrick. Introduction to Financial Accounting, Pearson.
2. Leonardo, A. Robinson, James R. Qanis, C. Wayne Alderman, Accounting Information Systems: A cycle Approach. Publisher Wiley.
3. Marshall, B Romney and Paul, John Steinbart, Accounting Information Systems, Pearson Education Limited.
4. Robert, L. Hurt, Accounting Information Systems: Basic Concepts and Current Issues, McGraw Hill.

Note: Latest edition of readings may be used

Teaching Learning Process

Theory/ numerical with examples, Practical Lab Lectures

Assessment Methods

1. There shall be 4 credit hours for lectures + one credit hour (Two Practical Periods per week per batch) for practical lab + one credit hour for tutorials (per group)
2. Examination scheme for computerized accounting system – Practical for 20 marks. The practical exam will be of one hour
3. Theory exam shall carry 80 marks (Including Internal Assessment of 25 Marks). The theory exam will be of 2.5 hours

Keywords

Financial Statements, Depreciation, Inventory Valuation, Hire Purchase, Branch Accounting, Departmental Accounting

Paper C-2: BUSINESS LAWS

Course Objective

To impart basic knowledge of the important business laws relevant for conduct of general business activities in physical and virtual spaces along with relevant case laws.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand basic aspects of contracts for making the agreements, contracts and subsequently enter valid business propositions.

CO2: be able to recognize and differentiate the special contracts and identify their appropriate usage at varied business scenarios.

CO3: equip the students about the legitimate rights and obligations under The Sale of Goods Act

CO4: enable with skills to initiate entrepreneurial ventures as LLP

CO5: understand the fundamentals of Internet based activities under The Information and Technology Act.

Course Contents

Unit I: The Indian Contract Act, 1872

Contract – meaning, characteristics and kinds, Essentials of valid contract - Offer and acceptance, consideration, contractual capacity, free consent, legality of objects. Void agreements. Discharge of contract – modes of discharge including breach and its remedies.

Unit II: Special Contracts

Quasi – contracts, Contract of Indemnity and Guarantee, Contract of Bailment and Pledge Contract of Agency

Unit III: The Sale of Goods Act, 1930

Contract of sale, meaning and difference between sale and agreement to sell. Conditions and warranties. Transfer of ownership in goods including sale by non-owners. Performance of contract of sale. Unpaid seller – meaning and rights of an unpaid seller against the goods.

Unit IV: The Limited Liability Partnership Act, 2008

Salient Features of LLP, Difference between LLP and Partnership, LLP and Company LLP Agreement. Nature of LLP, Partners and Designated Partners, Incorporation Document Incorporation by Registration, Registered office of LLP and change therein. Change of name, Partners and their Relations. Extent and limitation of liability of LLP and partners. Whistle blowing. Taxation of LLP. Conversion into LLP. Winding up and dissolution of LLP.

Unit V: The Information Technology Act 2000

Definitions under the Act. Digital signature. Electronic governance. Attribution, acknowledgement and dispatch of electronic records. Regulation of certifying

authorities. Digital signatures certificates. Duties of subscribers under the Act. Penalties and adjudication. Offences as per the Act.

References

- Bhushan, Bharat., Kapoor, N.D., Abbi, Rajni, “Elements of Business Law”. Sultan Chand & Sons Pvt. Ltd.
- Dagar, Inder Jeet and Agnihotri, Anurag. Business Laws : Text and Problems. Sage Publication.
- Jagota R. (2019). Business Laws. MKM Publishers ScholarTech Press.
- Sharma, J.P. and Kanojia S. (2019). Business Laws. New Delhi. Bharat Law House Pvt. Ltd.
- Singh, Avtar.(2018). The Principles of Mercantile Law. Lucknow. Eastern Book Company.
- Tulsian P.C. (2018). Business Law. New Delhi.Tata McGraw Hill

Additional Resources

1. Information Technology Rules 2000 with Information Technology Act 2000, Taxmann Publications Pvt. Ltd., New Delhi.
2. Kuchhal, M C. (2018). Business Laws. New Delhi. Vikas Publishing House.
3. Arora, S. (2015). Business Laws. New Delhi. Taxmann
4. Sharma, J.P. and Kanojia S. (2015). Vyavsayik Sanniyam, Delhi University Hindi Cell.(For Hindi)

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study the subject law. It includes lectures through presentations of case laws, expert lectures, case study approach is widely followed, role plays, seminars, tutorials project- based learning. Case laws comprehension and higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

The Indian Contract Act, 1872, The Sale of Goods Act, 1930, The Limited Liability Partnership Act, 2008

Paper GE-1(A) INTRODUCTORY MICRO ECONOMICS

*Please refer to z No. 136 for details of Introductory Micro Economics

Paper GE-1(B) : THE INDIVIDUAL AND SOCIETY

*Please refer to Page No. 140 for details of The Individual and Society

Paper GE-1(C): Calculus

*Please refer to Page No. 141 for details of Calculus

Paper GE-1(D): हिंदी सिनेमा

*Please refer to Page No. 143 for details of हिंदी सिनेमा

Paper GE-1(E): POLITICS OF GLOBALIZATION

*Please refer to Page No. 144 for details of Politics of Globalization

Paper GE-1(F): Yoga and Stress Management

*Please refer to Page No. 146 for details of Yoga and Stress Management

Semester - II

Paper AECC-2: Environmental Studies/Communication (English/Hindi)*

*Please refer to Page No. 125 for details of Environmental Studies/ Communication (English/Hindi)

Paper C-3: CORPORATE ACCOUNTING

Course Objective

To acquire the conceptual knowledge of corporate accounting and to understand the various techniques of preparing accounting and financial statements

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: develop an understanding of accounting for share capital and debentures

CO2: prepare financial statements of a company

CO3: develop an understanding of cash flow statements

CO4: understand the accounting for amalgamation and liquidation of companies

CO5: prepare consolidated balance sheet for Holding company

Course Contents

UNIT 1: Accounting for Share Capital and Debentures

Introduction to issue of shares and debentures. Issue of rights and Bonus shares, ESOPs and buyback of shares, book building. Underwriting of shares and debentures. Redemption of Preference shares, Redemption of debentures: sinking/debenture redemption fund, open market purchase and conversion of debentures.

Relevant AS and IND-AS as applicable.

UNIT 2: Financial Statements of a Company

Preparation of financial Statement of Joint Stock companies as per schedule III Part I & II (Division I in detail and Division II only on overview)

Relevant AS and IND-AS as applicable

UNIT 3: Cash Flow Statements

Meaning, Usefulness, Preparation of a cash flow statement in accordance with Accounting Standard 3 (Revised) issued by the Institute of Chartered Accountants of India. (Only indirect method), Limitations of cash flow statement.

Relevant AS and IND-AS as applicable

UNIT 4: Amalgamation, Reconstruction and Liquidation of Companies

Concept of Purchase Consideration. Accounting for Amalgamation of Companies (excluding inter-company transactions and holdings) and external reconstruction Accounting for Internal Reconstruction (excluding preparation of scheme for internal reconstruction). Accounting for liquidation of companies. Introduction to the Insolvency and Bankruptcy Code, 2016 and other relevant provisions. Preparation of Statement of Affairs as per the format prescribed by the Act and Deficiency Account

Relevant AS and IND-AS as applicable

UNIT 5: Accounts of Holding Companies/ Parent Companies

Preparation of consolidated balance sheet with one subsidiary company.

Relevant AS and IND-AS as applicable

References

1. Goyal, Bhushan Kumar. Corporate Accounting. Taxmann, New Delhi
2. Kumar, Alok. Corporate Accounting. Singhal Publications
3. Monga, J. R. Fundamentals of Corporate Accounting. Mayur Paper Backs, New Delhi
4. Sah, Raj Kumar, Concept Building Approach to Corporate Accounting, Cengage

5. Sehgal Ashok & Sehgal Deepak. Corporate Accounting
6. Tulsian P. C. Corporate Accounting. S Chand & Co. New Delhi

Note: Latest edition of readings may be used

Teaching Learning Process

Theory/ numerical with examples

Assessment Methods

Class participation, Presentation, Viva/ test, End Semester Exam

Keywords

Shares, Financial Statements, Cash Flow, Amalgamation, Liquidation, Purchase Consideration, Holding Company

Paper C-4: CORPORATE LAWS

Course Objective

To impart basic knowledge of the provisions of the Companies Act 2013 and the Depositories Act, 1996. Case studies involving issues in corporate laws are required to be discussed.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the regulatory aspects and the broader procedural aspects involved in different types of companies covering the Companies Act 2013 and Rules there under.

CO2: follow the basic legal documents and their usage essential for operations and management of company.

CO3: enable the students to synthesis company processes, meetings and decisions.

CO4: equip the students with framework of dividend distribution and role of auditors in a company.

CO5: comprehend and evaluate working of depositories and their functions in stock markets.

Course Contents

Unit I: Introduction

Meaning and characteristics of a company; Lifting of corporate veil; Administration of Company Law [including National Company Law Tribunal (NCLT), National Company Law Appellate Tribunal (NCLAT), Special Courts]; Types of companies including private and public company, government company, foreign company, one person company, small company, associate company, dormant company and producer company; Association not for profit; Illegal association; Formation of company, promoters, their legal position and pre incorporation contracts; Online registration of a company.

Unit II: Documents and shares

Memorandum of Association and its alteration, Articles of Association and its alteration, doctrine of constructive notice, doctrine of ultra vires and indoor management; Prospectus, Shelf and Red herring prospectus, misstatement in prospectus; book building; Allotment and Forfeiture of share, Sweat Equity, ESOPs, Bonus issue, and Further issue of shares, buyback and provisions regarding buyback; Membership of company.

Unit III: Management and Meetings

Classification of directors-Additional, Alternate and Casual directors, Women directors, Independent director, Small shareholder's director; Director Identity Number (DIN); Appointment, Disqualifications, Removal of directors; Legal positions, Powers and Duties; Key managerial personnel, Managing director,

Manager and Whole Time Director; Board Meetings: meeting through video conferencing; Shareholder meetings: AGM and EGM. Convening and Conduct of meetings: Requisites of a valid meeting; Resolutions; Postal ballot; e-voting.

Unit IV: Dividends, Audit and Winding up

Provisions relating to payment of Dividend, Company Audit-auditor's qualification and disqualifications, Auditor's appointment, Rotation of auditors, Auditor's removal, Auditors' report and Auditor's powers.

Winding Up: Concept and Modes of Winding Up; Provisions of winding up under Insolvency and Bankruptcy Code 2016.

Unit V: The Depositories Act 1996

Definitions; Depositories system; Rights and obligations of depositories; Participants issuers and beneficial owners; Inquiry and inspections; Penalty.

References

- Bhushan, Bharat. Kapoor, N.D., Abbi, Rajni, "Elements of Company Law". Sultan Chand & Sons Pvt. Ltd.
- Chadha R. & Chadha, S.(2018). Company Laws. Scholar Tech Press, Delhi.
- Hicks, Andrew & Goo S.H., (2017) Cases and Material on Company Law, Oxford University Press.
- Kumar, A., (2019)Corporate Laws, Taxmann Pvt Ltd
- Sharma, J.P.(2018). An Easy Approach to Corporate Laws, Ane Books Pvt. Ltd., New Delhi
- The Depositories Act,1996.Bare Act.

Additional Resources

1. Gowar, LCB. (1969). Principles of Modern company Law, Stevens & Sons,London.
2. Ramaiya.(2015). A Guide to Companies Act. Nagpur. Wadhwa Book Company.
3. Hanningan, Brenda.(2018). Company Law, Oxford University Press,U.K.

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study the subject law. It includes lectures through presentations of case laws, expert lectures, case study approach is widely followed , role plays , seminars , tutorials , project- based learning. Case laws comprehension and higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

The Depositories Act 1996, National Company Law Tribunal (NCLT), Insolvency and Bankruptcy Code 2016.

Paper GE-2 (A): INTRODUCTORY MACROECONOMICS

*Please refer to Page No. 147 for details of Introductory Macroeconomics

Paper GE-2(B): Cinematic Adaptations of Literary Texts

*Please refer to Page No. 151 for details of Cinematic Adaptations of Literary Texts

Paper GE-2 (C) LINEAR ALGEBRA

*Please refer to Page No. 153 for details of Linear Algebra

Paper GE-2 (D): पट कथा और संवाद लेखन

*Please refer to Page No. 155 for details of पट कथा और संवाद लेखन

Paper GE-2(E): WOMEN, POWER AND POLITICS

*Please refer to Page No. 155 for details of Women, Power and Politics

Paper GE-2(F): Obesity Management

*Please refer to Page No. 158 for details of Obesity Management

Semester - III

Paper C-5: HUMAN RESOURCE MANAGEMENT

Course Objective

The objective of this course is to enable learners to understand the importance of human resources and their effective management in organisations.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand basic nature and importance of human resource management.

CO2: analyze the current theory and practice of recruitment and selection.

CO3: realize the importance of performance management system in enhancing employee performance.

CO4: recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the workforce, and comply with the legal framework.

CO5: understand role of modern HRM in meeting challenges of changing business environment.

Course Contents

Unit I: Introduction

Meaning, importance and scope of HRM; Evolution of HRM; functions, status and competencies of HR manager; Human Resource Planning - quantitative and qualitative dimensions; Job analysis—job description and job specification; HR Policies.

Unit II: Recruitment, Selection & Development

Recruitment, selection, placement, induction, and socialization – an overview; Developing Human Resources; Training – need, types, and evaluation; Role specific and competency-based training.

Unit III: Performance Appraisal

Performance appraisal- nature and objectives, methods of performance appraisal, potential appraisal & employee counselling; Job changes—transfers and promotions; HR audit.

Unit IV: Compensation

Job evaluation; Compensation—concept and policies, base and supplementary compensation, performance linked compensation—individual, group, and organisation level.

Unit V: Employee Maintenance and Emerging Issues in HRM

Employee health and safety, employee welfare, social security (excluding legal provisions); Grievance handling and redressal; Industrial disputes and settlement machinery; Emerging issues and challenges of HRM— employee empowerment, downsizing, work- life balance, use of technology in HRM functions; e-HRM, green-HRM, outsourcing HRM, ethics in HRM (surveillance vs. privacy).

References

- Decenzo, D. A., & Robbins, S. P. (2011). Fundamentals of Human Resource Management. India: Wiley.
- Dessler, G. (2017). Human Resource Management. Pearson.
- Muller-Camen, M., Croucher, R., & Leigh, S. (2016). Human Resource Management: A Case Study Approach. CIPD. Viva Books.
- Pattanayak, B. (2018). Human Resource Management. Delhi. Prentice Hall of India.
- Rao, V. Human Resource Management: Text and Cases. Excel.
- Rastogi, S. Management of Human Resources. Sun India. Latest editions of the books may be used.

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group discussions to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Human Resource Planning, Job Analysis, Performance Appraisal, Job Evaluation, Performance Linked Compensation, Ethics

Paper C-6: INCOME TAX LAW AND PRACTICE

Course Objective

This course aims to impart knowledge of law pertaining to levy of income tax in India. It also aims to enable the students to apply the same practically.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: understand the basic concepts in the law of income tax and determine the residential status of different persons.
- CO2: identify the five heads in which income is categorised and compute income under the heads 'Salaries' and 'Income from House Property'.
- CO3: compute income under the head 'Profits and gains of business or profession', 'Capital gains' and 'Income from other sources'.
- CO4: understand clubbing provisions, aggregate income after set-off and carry forward of losses, and deductions allowed under the Income Tax Act; and further to compute taxable income and tax liability of individuals and firms.
- CO5: develop the ability to file online returns of income.

Course Contents

Unit 1: Introduction

Basic concepts: Income; Agricultural income; Person; Assessee; Assessment year; Previous year; Gross Total Income; Total income; Maximum marginal rate of tax; Permanent Account Number (PAN) *Residential status:* Scope of total income on the basis of residential status; Exempted income under section 10.

Unit 2: Computation of Income under different heads-1

Income from Salaries; Income from House Property

Unit 3: Computation of Income under different heads-2

Profits and gains of business or profession; Capital gains; Income from other sources

Unit 4: Computation of Total Income and Tax Liability

Income of other persons included in assessee's total income; Aggregation of income and set-off and carry forward of losses; Deductions from gross total income; Rebates and reliefs; Computation of total income of individuals and firms; Tax liability of an individual and a firm; Five leading cases decided by the Supreme Court

Unit 5: Preparation of Return of Income Filing of returns:

Manually, on-line filing of Returns of Income & TDS; Provision & Procedures of Compulsory on-line filing of returns for specified assesses

References

- Ahuja, Girish and Gupta Ravi. Systematic Approach to Income Tax. Bharat Law House, Delhi.
- Singhanian, Vinod K. and Singhanian Monica. Students' Guide to Income Tax, University Edition. Taxmann Publications Pvt. Ltd., New Delhi.

Additional Resources

Software

- Vinod Kumar Singhanian, e-filing of Income Tax Returns and Computation of Tax, Taxmann Publication Pvt. Ltd, New Delhi. Latest version
- 'Excel Utility' available at incometaxindiaefiling.gov.in

Journals

- Current Tax Reporter. Current Tax Reporter, Jodhpur.
- Income Tax Reports. Company Law Institute of India Pvt. Ltd., Chennai.
- Corporate Professionals Today. Taxmann. New Delhi.

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching learning process would include classroom lectures to introduce students to the law pertaining to the levy of income tax. This would be supported by case studies to enable an understanding of the practical implications of the income tax law. Further, to enable the students to apply the law practically, presentations by students and practicals on online filing would be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination, assignments and class tests. Further, practical exams may be conducted to gauge the understanding of students regarding application of relevant provisions of the income tax law.

Keywords

Assessment Year, Previous Year, Assessee Person, Finance Act, Income, Income Tax, Standard Deduction.

Note:

There shall be 4 credit hours for lectures + one credit hour (Two Practical Periods per week per batch) for practical lab + one credit hour for tutorials (per group) Practical Examination of 20 marks (External examiner) on E-filing of income tax return using software utility tool. The practical exam will be of one hour. The student is required to fill appropriate form and generate the XML file. ·

Theory exam shall carry 80 marks (Including Internal Assessment of 25 Marks) of a duration of 2.5 hours

Paper C-7: MANAGEMENT PRINCIPLES AND APPLICATIONS

Course Objective

The objective of the course is to familiarize the learner with extant and emerging management theories and practices for reflective and holistic thinking on management principles and practices.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the evolution of management and apprehend its effect on future managers.

CO2: analyze how organisations adapt to an uncertain environment and decipher decision making techniques managers use to influence and control the internal environment.

CO3: comprehend the changes happening in organisation structure over time.

CO4: analyze the relationship amongst functions of management i.e. planning, organizing, directing and controlling.

CO5: appreciate the changing dynamics of management practice.

Course Contents

Unit I: Introduction

Meaning and importance of management; Coordination mechanisms in organisations, management as an eclectic modern discipline; Theory base of management- classical, neoclassical and modern constructions of management; Managerial functions, roles (Mintzberg), levels and competencies.

Unit II: Planning

Organisational objective setting; Decision Making: environment (certainty, risk, uncertainty), and techniques for individual and group decision-making; Forecasting and Scheduling; Planning vis-à-vis Strategy- meaning and elements of environment of business firm –micro (immediate), meso (intermediate e.g. industry), macro (domestic); Industry structure, Business-level strategic planning.

Unit III: Organizing

Division of Labour; Decentralization and Delegation; Organisational forms (Mintzberg); Factors affecting organisational design; Departmentalization; Staffing as a function; Organisational structures and Organograms- traditional and modern - comparative suitability and changes over time, formal- informal organisations' interface.

Unit IV: Directing and Controlling

Motivation- meaning, importance and factors affecting motivation; Leadership – meaning, importance and factors affecting leadership, leadership styles, and followership; Principles of controlling; relationship amongst planning, organizing, directing and controlling; Performing controlling function; Measures of controlling and accountability for performance.

Unit V: Salient Developments and Contemporary Issues in Management

Management challenges of the 21st Century; Factors reshaping and redesigning management purpose, performance and reward perceptions- internationalization; Digitalization; Entrepreneurship & innovation; Values & ethics, holistic purpose and measures of firm performance; Workplace diversity; Democracy and Sociocracy; Subaltern management ideas from India.

References

- Kumar, Pardeep. Management: Principles and Applications. JSR Publication House LP, Delhi.

- Mahajan, J.P. and Mahajan Anupama. Management Principles and applications. Vikas Publications
- Drucker, P. F. (1954). The Practice of Management. Newyork: Harper & Row.
- Drucker, P. F. (1999). Management Challenges for the 21st Century. HarperCollins Publishers Inc.
- Griffin, R. W., Phillips, J. M., & Gully, S. M. (2017). Organisational Behavior: Managing People and Organisations. Cengage Learning.
- Griffin. Management Principles and Application. Cengage.
- Koontz, H., & Weihrich, H. (2012). Essentials of Management: An International and Leadership Perspective. Paperback.

Note: Latest edition of readings may be used

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group discussions to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Management Theories, Organisational Design, Motivation, Leadership, Entrepreneurship and Innovation and Workplace Diversity

Paper – GE-3(A): DATA ANALYSIS OR MONEY AND BANKING OR INDIAN ECONOMY I OR ECONOMIC HISTORY OF INDIA

*Please refer to Page No. 160 for details of Data Analysis or Indian Economy -I or Money & Banking or Economic History of India

Paper GE-3(B): MEDIA AND COMMUNICATION SKILLS

*Please refer to Page No. 168 for details of Media and Communication Skills

Paper – GE-3 (C): LINEAR PROGRAMMING AND GAME THEORY

*Please refer to Page No. 170 for details of Linear Programming and Game Theory

Paper – GE-3(D): हिंदी कहानी

*Please refer to Page No. 172 for details of हिंदी कहानी

Paper – GE-3(E): Nationalism in India

*Please refer to Page No. 172 for details of Nationalism in India

Paper – GE-3(F): Aerobic Training

*Please refer to Page No. 174 for details of Aerobic Training

Paper – SEC-1(A): E-COMMERCE

Course Objective

To enhance skills for effective and contemporary applications of E-commerce.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the basics of E-commerce, current and emerging business models.

CO2: familiarize with basic business operations such as sales, marketing, HR etc. on the web.

CO3: enhance the students' skills for designing and developing website.

CO4: identify the emerging modes of e-payment.

C05: understand the importance of security, privacy, ethical and legal issues of e-commerce.

Course Contents

Unit I: Introduction to E- Commerce

Concepts and significance of E-commerce, driving forces of E-commerce. E-commerce business models - key elements of a business model and categories. Mechanism Dynamics of World Wide Web and internet- evolution and features; Design and launch of E-commerce website - decisions regarding Selection of hardware and software; Outsourcing vs in house development of a website.

Unit II: Online Business Transactions

Rationale of transacting online, E-commerce applications in various industries (banking, insurance, payment of utility bills and others), e-marketing, e-tailing, online services, e-auctions, online portal, online learning, e-publishing and e-entertainment, online shopping

Unit III: Website Designing

Introduction to HTML tags and attributes: Text formatting, fonts, hypertext links, tables, images, lists, forms, cascading style sheets.

Unit IV: E-payment System

E-payment Methods- Debit card, Credit card, Smart cards, E-Money, E-Wallets; Digital signatures- procedures and legal position; Payment gateways; Online banking- concepts, importance; Electronic fund transfer; Automated Clearing House. Automated Ledger Posting. Emerging modes and systems of E-payment (MPaisa, PayPal and other digital currency).Epayments risks

Unit V: Security and Legal Aspects of E-commerce

E-commerce security – meaning and issues. Security threats in the E-commerce environment security intrusions and breaches, attacking methods like hacking, sniffing, cyber-vandalism etc.; Technology solutions- encryption, security channels of communication, protecting networks, servers and clients. Information Technology Act 2000- provisions related to offences, secure electronic records, digital signatures, penalties and adjudication.

Practical

Designing a Web Page in Notepad and HTML

References

- Agarwala, Kamlesh N., Lal, Amit and Agarwala, Deeksha. “Business on the Net: An Introduction to the whats and hows of E-commerce.” Macmillan India Ltd.
- Bajaj KK, Debjani Nag “E-Commerce. Tata McGraw Hill Company” New Delhi
- Chhabra, T.N., Jain, Hem Chand, Jain, Aruna. “An Introduction to HTML” Dhanpat Rai & Co
- Dietel, Harvey M., Dietel, Paul J., and Steinbuhler Kate. E- Business and E-commerce for Managers. Pearson Education.
- Diwan, Parag and Sharma, Sunil “Electronic commerce- A manager’s Guide to EBusiness”, Vanity Books International, Delhi
- Elias M. Awad “Electronic Commerce from vision to fulfilment” Third Edition PHI publications.
- Kosiur, David, “Understanding Electronic Commerce” Prentice Hall of India Private Ltd., New Delhi.
- Turban, E., et.al. “Electronic commerce: A Managerial perspective” Pearson Education Asia.

- Whiteley, David, “E-Commerce” McGraw Hill, New York.

Additional Resources

- IT Act 2000
- Kumar A. “Cyber Laws” Book Age Publications, New Delhi

Note: Latest edition of the books should be used.

Teaching Learning Process

A combination of various learning methods like audio-visual materials, class presentations, expert lectures(Webinar), case studies and group discussion using ICT (such as: WhatsApp group, Google Group, Etc.).

Assessment Methods

The methods of assessing the students includes presentations, online/off line quiz, micro research projects, group discussion and class tests. The assessment of webpage includes e-commerce, world wide web, electronic funds transfer, automated clearing house, digital signature and online shopping.

Keywords

E-Commerce, World Wide Web, Hardware, E-Payments, Cyber Law

Note:

- There shall be 3 credit hours for lectures plus 1 credit hour (2 practical periods per week per batch) for practical lab
- Theory exam of 75 marks (including internal assessment of 10 marks for practical + 10 marks for class test/ assignment + 5 marks for attendance) of 2 hours duration
- Practical will be of 1 hour of 25 marks (internal examiner)

Paper SEC-1(B): TRAINING AND DEVELOPMENT

Course Objective

The course aims at exposing the learner to the concept and practice of training and development in the modern organisational setting through the pedagogy of case discussions, practical, experiential learning, and recent experiences.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: learn the practical applications of training and development theories in recent times.
- CO2: learn to design training programmes for diverse workforce.
- CO3: understand the role of development officers.
- CO4: evaluate training and development programmes.
- CO5: recognize the mechanism of career development programmes.

Course Contents

Unit I: Nature of Training and Development

Theories of management training and development and practical application of these theories in today’s organisations, inputs and gaps in training; Training and development as a source of competitive advantage; Resistance to change.

Unit II: Designing Training Programmes

Training process and practical application of designing programmes in today’s environment, methods of training; Human re-engineering, managing change, workmen training, re-training, government initiatives, self-directed work teams, learning curves, managing a diverse workforce.

Unit III: Executive Development

Executive development; Role of development officers, administrators, consultants, designers and instructors; Trends towards performance management and its impact on training professionals.

Unit IV: Evaluation of Training and Development Programmes

Evaluation of training and development programmes- statistical methods; Use of appropriate training and development software packages; Application of distance learning packages, effective training follow-up.

Unit V: Career Development

Career development and planning, career development programmes and counselling, group projects, training for international assignments.

References

- Bhattacharyya, D.K. Training and Development: Theories and Applications. New Delhi. Sage Publications India Pvt. Ltd.
- Lynton, R., & Pareek, U. Training for Development. New Delhi: Vistaar.
- Phillips, J. J. Hand book of Training Evaluation and Measurement Methods. Houston. Gulf Publishing Co.
- Prior, J. Handbook of Training and Development. Mumbai: Jaico Publishing House

Additional Resources

- Donald, F. M. and Yager, E. G. Making the Training Process Work. New York. Harper and Row. Latest edition of the book may be used.

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group discussions to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Re-Training, Self-Directed Work Teams, Learning Curves, Performance Management, Career Planning

Paper SEC-1(C): DIGITAL MARKETING

Course Objectives

This course seeks to provide knowledge about the concepts, tools, techniques, and relevance of digital marketing in the present changing scenario. It also enables the student to learn the application of digital marketing tools and acquaint about the ethical and legal aspects involved therein.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: identify and assess the impact of digital technology in transforming the business environment and also the customer journey.
- CO2: understand how marketers think, conceptualize, test continuously to optimise their product search on digital platforms.
- CO3: illustrate how the effectiveness of a digital marketing campaign can be measured

CO4: demonstrate their skills in digital marketing tools such as SEO, social media, and blogging for engaging the digital generation.

CO5: appreciate the need for regulatory framework for digital marketing in India.

Course Contents

Unit I: Introduction

Concept, scope, and importance of digital marketing. Traditional marketing versus digital marketing. Challenges and opportunities for digital marketing. Digital penetration in the Indian market. Digital marketing landscape: an overview.

Unit II: Digital Marketing Management

Digital-marketing mix. Segmentation, Targeting, Differentiation, and Positioning: Concept, levels, and strategies in a digital environment; Digital technology and customer-relationship management. Digital consumers and their buying decision process.

Unit III: Digital Marketing Presence

Concept and role of Internet in marketing. Online marketing domains. The P.O.E.S-M framework. Website design and Domain name branding. Search engine optimisation: stages, types of traffic, tactics. Online advertising: types, formats, requisites of a good online advertisement. Buying models. Online public relation management. Direct marketing: scope and growth. E-mail marketing: types and strategies.

Unit IV: Interactive Marketing

Interactive marketing: concept and options. Social media marketing: concept and tools. Online communities and social networks. Blogging: types and role. Video marketing: tools and techniques. Mobile marketing tools. PPC marketing. Payment options.

Unit V: Ethical and Legal Issues

Ethical issues and legal challenges in digital marketing. Regulatory framework for digital marketing in India.

References

- Chaffey, D, F.E. Chadwick, R. Mayer, and K. Johnston (2015). Internet Marketing: Strategy, Implementation, and Practice. Pearson India
- Frost, Raymond D., Alexa Fox, and Judy Strauss (2018). E- Marketing. Routledge
- Gupta, Seema (2018). Digital Marketing. McGraw Hill Education (India) Private Ltd.
- Kapoor, Neeru. E-Marketing, Pinnacle learning
- Kotler, Philip, Hermawan Kartajaya, and Iwan Setiawan (2017). Digital Marketing: 4.0 Moving from Traditional to Digital. Pearson India
- Ryan, Damian and Jones Calvin (2016). Understanding Digital Marketing: Marketing Strategies for engaging the Digital Generation. Kogan page

Additional Resources

- Blanchard O. (2014) social media ROI: Managing and Measuring Social Media Efforts in Your Organisation.
- Charlesworth, Alan (2018). Digital Marketing: A Practical Approach.
- Gay, Richard, Alan Charlesworth, and Rita Esen. Online Marketing: a customer-led approach. Oxford University Press Inc., New York.
- Ryan, Damian (2016). Understanding Digital Marketing: Marketing Strategies for engaging the Digital Generation.

- Tasner, M. (2015) Marketing in the Moment: The Digital Marketing Guide to Generating More Sales and Reaching Your Customers First, 2/E, Pearson

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching and learning process for this course includes case discussions on digital marketing strategies via case lets of leading click-and-click only and brick-and-click companies; interactive sessions/group discussion in classes on companies with best digital practices, on effective ad campaigns, on mobile marketing-in-app promotions, smart lecture classes for introducing and understanding theoretical concepts in every unit of the course; experiential learning in content creation via blogs, emails etc., student development workshops by industry experts in specialised areas like SEO tactics, website development, social media/ video marketing, mentoring regularly via e-tutorials/e-labs/Moodle app

Assessment Methods

Written, Objective and Descriptive Class tests, Individual and tutorial group-based presentations, e-assignments, Continuous assessment in terms of participation in class, e-tutorials and class presentations.

Keywords

Digital Marketing, E- Marketers, E-Customers, Digital Marketing Mix, Segmentation and Positioning Strategies, E-CRM, Consumer Buying Process, Internet.

Paper SEC-1(D): PERSONAL TAX PLANNING

Course Objective

To provide basic knowledge of Income Tax and its planning to students in easily comprehensible manner with a view to equip them to use the legitimate tool of planning in their economic life.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the concept of tax planning, use the residential status to plan the scope of income and devise tax planning strategy in relation to agricultural income.

CO2: apply critical thinking and problem-solving skills related to minimization of tax liability of individuals with respect to salary income and understand how to develop efficient pay packages

CO3: devise tax planning strategies in relation to house property and understand the presumptive scheme of taxation of computing business income.

CO4: use Indexation technique to reduce capital gains tax and learn about specific exemptions available from capital gains.

CO5: use deductions to reduce taxable income and use rebates to reduce tax liability.

Course Contents

Unit 1: Concept of Tax Planning

(i) Meaning of tax planning, tax avoidance, tax evasion and tax management; Objectives of tax planning; Case studies relating to tax planning, tax avoidance, tax evasion and tax management.

(ii) Tax Planning with reference to residential status: Relevance of residential status in computing taxable income; Determination of residential status of an individual, HUF, company, other persons; Relationship between residential status and incidence

of tax; Case studies relating to residential status; Double taxation relief under Sections 90 and 91.

(iii) Provisions relating to concept of agricultural income; Composite income; Tax treatment and tax planning of agricultural income.

Unit 2: Tax Planning with Reference to Salary Income

(i) Tax planning in respect of salary income: Bonus; Fees; Commission and allowances; Valuation of perquisites; Allowances; Retirement benefits like gratuity, leave encashment, pension tax relief under Section 89 (1) (arrears of salary).

(ii) Case studies based on designing pay package.

Unit 3: Tax Planning in relation to Income from House Property and Business Income

(i) Tax Planning in respect of self-occupied house property, let-out house property partly let out and partly self-occupied house property; and property used for business or profession of the assessee.

(ii) Set-off and carry forward of house property losses.

(iii) Tax planning related to Section 80C.

(iv) Tax Planning related to business income covering: - Presumptive schemes of computing business income (Section 44AD, 44ADA, 44AE) - Provisions relating to maintenance of accounts (Section 44AA) - Provisions relating to audit of accounts (Section 44AB)

Unit 4: Tax Planning in relation to Capital gains and other sources

(i) Tax planning with reference to long-term and short-term capital assets and choice of price inflation indexation; Capital gains on equity and non-equity financial instruments.

(ii) Tax planning in relation to gifts received from relatives and non-relatives.

Unit 5: Other Areas of Tax Planning

(i) Income of others' liable for clubbing.

(ii) Deductions under Sections 80C, 80CCD (1), 80CCD(1B), 80CCD (2), 80D, 80DD, 80DDB, 80E, 80G, 80TTA, 80TTB

(iii) Rebate under Section 87A.

References

- Ahuja, Girish and Ravi Gupta. Systematic Approach to Income Tax. Bharat Law House, Delhi.
- Singhania, Vinod K. and Monica Singhania. Students' Guide to Income Tax, University Edition. Taxmann Publications Pvt. Ltd., New Delhi.

Additional Resources

- Current Tax Reporter. Current Tax Reporter, Jodhpur.
- Income Tax Reports. Company Law Institute of India Pvt. Ltd., Chennai
- Corporate Professionals Today. Taxmann. New Delhi.

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching learning process would include classroom lectures to introduce students to the tax planning tools with regard to income tax. This would be supported by case studies to enable an understanding of the practical aspects of tax planning. In addition, class presentations and class discussion to be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination and assignments. Further, class tests may be conducted to gauge the understanding of students regarding tax planning and application of relevant provisions of the income tax law.

Keywords

Tax Planning, Residential Status, Double Taxation Relief, Agricultural Income, Perquisites, Allowances, Rebate, Deductions, Presumptive Taxation, Indexation

Paper SEC-1(E): COMMUNICATION AND DOCUMENTATION IN BUSINESS

Course Objective

The course aims to enhance written and verbal communication/ presentation skills amongst the learners and ability to frame effective documentation both in digital and non-digital environment.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: realize the significance of effective communication in business.

CO2: learn business vocabulary and understand varied ways/methods to present business plans.

CO3: gain knowledge on drafting of official letters and documents.

CO4: develop appropriate skills for report writing and different ways of documentation.

CO5: understand the role of information technology for enabling business communication and documentation.

Course Contents

Unit I: Communication Roles and Flows in Organisations

Meaning, importance (costs & rewards) and process of communication (with reference to Mintzberg's managerial roles) and documentation in business; Types of communication; Communication breakdown and rumours; Effective communication.

Unit II: Business Language and Presentation

Business, commercial and managerial vocabulary – terms used in trade, business plans/ proposals, presenting business plans, multimedia corporate presentations.

Unit III: Business Correspondence & Documentation

Letter writing, presentation, inviting quotations, sending quotations, placing orders, sales letters, claim & adjustment letters; Job application letter, preparing the resume; Social and public relations correspondence; Drafting simple contracts and deeds (non-legal); Project on legal documentation for bank transactions; Property documentation; Contract of employment etc.; Memorandum, inter-office memo, notices, note-sheet, agenda, minutes; Creating, storing/ archiving and retrieving folders/ documents.

Unit IV: Report Writing

Define the basic format of a report; Steps in report writing; Identify the types of reports; Inserting visuals such as tables, diagrams and charts in writing report; Citation rules (APA style documentation); Working with the features of word processing software; Document and folder naming and classification.

Unit V: Technology and Business Communication and Documentation

Use of digital platforms in business communication; Document sharing and collaborative working; Privacy and data security issues in business communication and documentation.

References

- Andrews, Deborah C. and Andrews, William D. (2003). Management Communication: A Guide. Cengage Learning.
- Locker and Kaczmarek. (2009). Business Communication: Building Critical Skills. The McGraw- Hill Companies, Inc.
 - Newman, Amy. (2017). Business Communication: In Person, In Print, Online. Cengage Learning.
 - Shirley, Taylor (2005). Communication for Business. Pearson Education
 - Smallwood, Robert F. and Williams, Robert F. (2013). Managing Electronic Records: Methods, Best Practices, and Technologies. John Wiley and Sons.
 - Wilson, Kevin and Wauson, Jennifer (2011). The AMA Handbook of Business Documents: Guidelines and Sample Documents That Make Business Writing Easy. Paperback.

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group activities to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Communication Process, Letter Writing, Report Writing, Word Processing Software, Business Plans, Privacy and Data Security.

Paper SEC-1(F): PERSONAL FINANCE AND PLANNING

Course Objective

To familiarize the students with different aspects of financial planning like savings, investment, taxation, insurance & retirement planning and to develop necessary skills to become a successful financial planner.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the meaning and relevance of Financial Planning.

CO2: familiarize with regard to the concept of Investment Planning and its methods.

CO3: examine concept of Personal Tax Planning.

CO4: analyze Insurance Planning and its relevance

CO5: develop insights in to Retirement planning and its relevance

Unit I: Introduction to Financial Planning

Financial goals, Time value of money, steps of financial planning, personal finance/loans, education loan, car loan & home loan schemes. Introduction of savings, benefits of savings, management of spending & financial discipline, Net banking and UPI, digital wallets, security and precautions against Ponzi schemes and online frauds such as phishing, credit card cloning, skimming etc.

Unit: II Investment planning

Process and objectives of investment, Concept and measurement of return & risk for various assets class, Measurement of portfolio risk and return, Diversification &

Portfolio formation. Real estate, financial derivatives & Commodity market in India. Mutual fund schemes including SIP.

Unit III: Personal Tax Planning

Tax Structure in India for personal taxation, Steps of Personal tax planning, Exemptions and deductions for individuals, tax avoidance versus tax evasion.

Unit IV: Insurance Planning

Need for Protection planning. Risk of mortality, health, disability and property. Importance of Insurance: life and non-life insurance schemes.

Unit V: Retirement Planning

Retirement Planning Goals, Process of retirement planning, Pension plans available in India, Reverse mortgage, New Pension Scheme.

Practical Note:

Practical exposure is recommended to develop skills required for a financial planner.

References

- *Introduction to Financial Planning (4th Edition 2017)* – Indian Institute of Banking & Finance
- *Pandit, Amar The Only Financial Planning Book that You Will Ever Need*, Network 18 Publications Ltd (CNBC TV 18)
- Sinha. Madhu, *Financial Planning: A Ready Reckoner* July 2017 Mc Graw Hill

Additional Resources

- Halan, Monika, *Let's Talk Money: You've Worked Hard for It, Now Make It Work for You*, July 2018, Harper Business
- Tripathi, Vanita, *Fundamentals of Investment*, Taxmann

Note: Latest Editions of the text books may be used.

Teaching Learning Process

The course on Personal finance and planning is designed to familiarize the students with different aspects of financial planning like savings, investment, taxation, insurance & retirement planning and to develop necessary skills to become a successful financial planner, the teaching learning process will be based on lectures, seminars and project work.

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination

Keywords

Financial Planning, Investment Planning, Personal Tax Planning, Insurance Planning, Retirement Planning

Semester - IV

Paper C-8: COST ACCOUNTING

Course Objective

To provide an in-depth study of the cost accounting principles for identification, classification and analysis of cost components and cost ascertainment in different industries using various costing methods

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: understand thoroughly the conceptual framework of Cost Accounting; identification of differences between different financial and cost accounting; cost concepts and elements of cost; preparation of cost sheet.
- CO2: understand the accounting and control of material and labour cost.
- CO3: develop ability to understand classification, allocation, apportionment and absorption of overheads in cost determination; under and over absorption of overheads; treatment of various item of overheads
- CO4: develop ability to calculate the cost of products, jobs, contracts, processes and services after understanding the basic concepts and processes involved in them.
- CO5: understand cost accounting book keeping systems and reconciliation of cost and financial account profits

Course Contents

Unit 1: Introduction

Meaning, scope, objectives and advantages of cost accounting; Difference between financial and cost accounting. Cost concepts and classifications, Overview of elements of cost and Cost sheet. Role of a cost accountant in an organisation. Introduction to Cost Accounting Standards & Cost Accounting Records and Audit Rules

Unit II: Elements of Cost: Material and Labour

- (a) *Materials*: Material/inventory control techniques. Accounting and control of purchases, storage and issue of materials. Inventory systems, Methods of pricing of materials issues — FIFO, LIFO, Simple Average, Weighted Average, Replacement, Standard Cost; Physical Verification, Accounting treatment and control of losses— Wastage, scrap, spoilage and defectives
- (b) *Labour*: Accounting and Control of labour cost. Time-keeping and time-booking. Concept and treatment of idle time, over time, labour turnover and fringe benefits. Methods of wage payment and Incentive schemes- Halsey, Rowan, Taylor's differential piece wage.

Unit III: Elements of Cost: Overheads

Classification, allocation, apportionment and absorption of overheads, Under- and overabsorption; Capacity Levels and Costs; Treatments of certain items in costing like interest on capital, packing expenses, bad debts, research and development expenses. Activity based costing.

Unit IV: Methods of Costing

Unit costing, Job costing, Contract costing, Process costing (including process losses, valuation of work-in-progress, joint and by-products). Service costing (only transport).

Unit V: Cost Accounting Book-Keeping Systems

Integral and non-integral systems; Reconciliation of cost accounting records with financial accounts.

Readings

- Arora, M.N. Cost Accounting-principles and practice. Vikas Publishing House, New Delhi.

- Jhamb, H. V. Fundamentals of Cost Accounting. Ane Books Pvt Ltd, New Delhi
- Lal, Jawahar., and Srivastava, Seema. Cost Accounting. McGraw Hill Publishing Co., New Delhi.
- Singh, Surender. Fundamentals of Cost Accounting. Kitab Mahal, Allahabad/New Delhi.

Additional Resources

- Drury, Colin. Management and Cost Accounting. Thomson Learning.
- Horngren, Charles T., George Foster and Srikant M. Dattar. Cost Accounting: A Managerial Emphasis. Prentice Hall of India Ltd., New Delhi.
- Jain, S.P., and Narang, K.L. Cost Accounting: Principles and Methods. Kalyani Publishers, Jalandhar.

Note: Latest edition of text books may be used.

Teaching Learning Process

Theory, numerical and analytical and theoretical cases

Assessment Methods

Class participation, Presentation, class tests, assignments, End Semester Exam

Keywords

Elements of cost, overheads, Process costing, Reconciliation of cost

Paper C-9: BUSINESS MATHEMATICS

Course Objective

The objective of this course is to familiarize the students with the basic mathematical tools with special emphasis on applications to business and economic situations.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: comprehend the concept of systematic processing and interpreting the information in quantitative terms to arrive at an optimum solution to business problems.
- CO2: develop proficiency in using different mathematical tools (matrices, calculus, linear programming, and mathematics of finance) in solving daily life problems.
- CO3: acquire competence to use computer for mathematical computations, especially with Big data.
- CO4: obtain critical thinking and problem-solving aptitude.
- CO5: evaluate the role played by mathematics in the world of business and economy.

Course Contents

Unit I: Matrices and Determinants

- 1.1 Definition and types of matrix, Algebra of matrices, Inverse of a matrix- Business Applications.
- 1.2 Solution of system of linear equations (having unique solution and involving not more than three variables) using matrix inversion method and Cramer's Rule.
- 1.3 Leontief Input Output Model (Open Model Only)

Unit II: Basic Calculus

- 2.1 Mathematical functions and their types (linear, quadratic, polynomial, exponential, logarithmic and logistic function). Concepts of limit and continuity of a function.
- 2.2 Concept of Marginal Analysis. Concept of Elasticity, Applied Maxima and Minima problems including effect of Tax on Monopolist's Optimum price and quantity, Economic Order Quantity.

Unit III: Advanced Calculus

- 3.1 Partial Differentiation: Partial derivatives up to second order. Homogeneity of functions and Euler's theorem. Total differentials. Differentiation of implicit functions with the help of total differentials.
- 3.2 Maxima and Minima involving two variables – Applied optimization problems and Constraint optimization problems using Lagrange multiplier involving two variables having not more than one constraint.
- 3.3 Integration: Standard forms & methods of integration- by substitution, by parts and by use of partial fractions. Definite integration. Finding areas in simple cases
- 3.4 Application of Integration to marginal analysis; Consumer's and Producer's Surplus. Rate of sales, The Learning Curve.

Unit IV: Mathematics of Finance

- 4.1 Rates of interest: nominal, effective and their inter-relationships in different compounding situations.
- 4.2 Compounding and discounting of a sum using different types of rates. Applications relating to Depreciation of assets and Equation of value.
- 4.3 Types of annuities: ordinary, due deferred, continuous, perpetual. Determination of future and present values using different types of rates of interest. Applications relating to Capital expenditure, Leasing, Valuation of simple loans and debentures, sinking fund (excluding general annuities).

Unit V: Linear Programming

- 5.1 Formulation of Linear programming problems (LPPs), Graphical solutions of LPPs. Cases of unique solutions, multiple optimal solutions, unbounded solutions, infeasibility, and redundant constraints.
- 5.2 Solution of LPPs by simplex method - maximization and minimization cases. Shadow prices of the resources, Identification of unique and multiple optimal solutions, unbounded solution, infeasibility and degeneracy.
- 5.3 The dual problem: Formulation, relationship between Primal and Dual LPP, Primal and Dual solutions (excluding mixed constraints LPPs). Economic interpretation of the dual.

Practical Lab

In addition to the lectures, the students are expected to work on a software package for solving linear programming problems, problems related to mathematics of finance and analyze the results obtained there from. This will be evaluated through internal assessment.

References

- Kapoor, V.K. Business Mathematics, Theory & Applications. Sultan Chand & Sons
- Sharma, S.K. & Kaur, Gurmeet. Business Mathematics. Sultan Chand
- Thukral, J.K., Mathematics for Business Studies, 22nd Edition (2020), Mayur Paperbacks.

Additional Resources:

- Anthony, M. and Biggs, N. Mathematics for Economics and Finance. Cambridge University Press
- Ayres, Frank Jr. Theory and Problems of Mathematics of Finance. Schaum's Outlines Series. McGraw Hill Publishing Co.
- Budnick, P. Applied Mathematics. McGraw Hill Publishing Co.
- Dowling, E.T. Mathematics for Economics. Schaum's Outlines Series. McGraw Hill Publishing Co.
- Wikes, F.M. Mathematics for Business, Finance and Economics. Thomson Learning

Note: Latest edition of text books may be used.

Teaching Learning Process

This course is well structured and sequenced attainment of knowledge and skills. It will constitute an important aspect of teaching learning process. the course would involve lectures supported by group tutorials, open ended projects and self-study

Assessment Methods

The Assessment for this paper would include a theory exam of 75 marks and Internal assessment of 25 marks. Internal assessment will include 10 marks for practical exam, 10 marks for class tests/assignments, and 5 marks for attendance. There shall be 4 Credit Hrs. for Lectures + one Credit Hr. (Two Practical Periods per week per batch) for Practical Lab + one credit Hr. for Tutorials (per group). Use of simple calculator is allowed. Proofs of theorems/ formulae are not required. Trigonometric functions are not to be covered.

Keywords

Matrices and Determinants, Basic Calculus, Advanced Calculus, Mathematics of Finance, Linear Programming.

PAPER C-10: COMPUTER APPLICATIONS IN BUSINESS**Course Objective**

To provide computer knowledge to commerce students and equip them with computational skills using ICT tools.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the various concepts and terminologies used in computer networks and internet and be aware of the recent developments in the fast-changing digital business world.

CO2: handle document creation for communication.

CO3: acquire skills to create and make good presentations

CO4: make various computations in the area of accounting and finance and represent the business data using suitable charts. S/He should be able to manipulate and analyze the business data for better understanding of the business environment and decision making

CO5: understand and apply the various database concepts and tools in the related business areas with the help of suggested popular software.

Course Contents**Unit1: Data Processing, Networking and Recent trends in computing**

Computing: Concept of computing, Data and information; Computing Interfaces: GUI, CLI, Touch Interface, NLI; data processing; applications of computers in business.

Computer Networks: Meaning of computer network; objectives/ needs for networking; Applications of networking; Basic Network Terminology; Types of Networks; Network Topologies; Distributed Computing: Client Server Computing, Peer- to- peer Computing; Wireless Networking; Securing Networks: firewall.

Basic Internet Terminology: I.P. Address, Modem, Bandwidth, Routers, Gateways, Internet Service Provider (ISP), World Wide Web (www), Browsers, Search Engines, Proxy Server, Intranet and Extranet; Basic Internet Services; Internet Protocols: TCP/IP, FTP, HTTP(s), Uses of Internet to Society; Cyber Security: Cryptography, digital signature.

Recent trends in computing: Tools of business collaboration: emails, wikis, file sharing, screen sharing, web presenting, work scheduling; Cloud computing: meaning, types of cloud services: IaaS, PaaS, SaaS; Grid Computing; Virtualization; Green Computing; E-Commerce: meaning, business models, Electronic Data Interchange (EDI), Payment Gateways; Internet of Things (IoT)

Unit 2: Word Processing

Introduction to word Processing, Word processing concepts, Use of Templates, Working with word document: Editing text, Find and replace text, Formatting, spell check, Autocorrect, Autotext; Bullets and numbering, Tabs, Paragraph Formatting, Indent, Page Formatting, Header and footer, Tables: Inserting, filling and formatting a table; Inserting Pictures and Video; Mail Merge: including linking with Databases and spreadsheet files; Printing documents; Citations and Footnotes.

Creating Business Documents using the above facilities

Unit 3: Preparing Presentations

Basics of presentations: Slides, Fonts, Drawing, Editing; Inserting: Tables, Images, texts, Symbols, hyperlinking, Media; Design; Transition; Animation; and Slideshow.

Creating Business Presentations using above facilities

Unit 4: Spreadsheet and its Business Applications

Spreadsheet concepts, Managing worksheets; Formatting, conditional formatting, Entering data, Editing, and Printing and Protecting worksheets; Handling operators in formula, Project involving multiple spreadsheets, Organizing Charts and graphs; Working with Multiple worksheets; controlling worksheet views, naming cells and cell ranges.

Spreadsheet functions: Mathematical, Statistical, Financial, Logical, Date and Time, Lookup and reference, Database functions, Text functions and Error functions

Working with Data: Sort and filter; Consolidate; Tables; Pivot tables; What-if-analysis: Goal seek, Data tables and Scenario manager; Data analysis Tool Pak; Descriptive Statistics, Moving averages, Histogram, Covariance, correlation and Regression analysis (only for projection)

Creating business spreadsheet: Loan and Lease statement; Ratio Analysis; Payroll statements; Capital Budgeting; Constraint optimization, Assignment Problems, Depreciation Accounting; Graphical representation of data; Frequency distribution and its statistical parameters; Correlation and Regression Analysis

Unit 5: Database Management System (Theory)

Theoretical background of Database Designs for Accounting and Business Applications: Database, Database Management System, Database System; Comparison of Database System with Traditional File System; Entity Relationship Model (ER-Model); Relational Database Model: Creating Relationship between

Tables, Concept of Keys, Fundamental Integrity Rules; ERD to Relational Mapping; Normalization of databases up to 3 Normal Forms
SQL and Retrieval of Information: Basic Queries in SQL; Embedded Queries in SQL; Insert, Delete and Update statements in SQL
DBMS Software: Environment; Tables; Forms; Queries; Reports; Modules; Applying DBMS in the areas of Accounting, Inventory, HRM and its accounting, Managing the data records of Employees, Suppliers and Customers.

Practical

Note: There shall be 4 credit hours (4 lectures) and 2 credit hours (4 practical lab periods) per batch.

References

- Elmasari, Ranez and Shamkant B. Navathe, Fundamentals of Database Systems, Pearson Education
- Jain Hem Chand and Tiwari H. N. (2019), Computer Applications in Business, Taxmann
- Madan Sushila, Computer Applications in Business, Scholar Tech Press.
- Mathur Shruti and Jain Pooja, Computer Applications in Business, Galgotia Publishing Company
- Sharma S.K. and Bansal Mansi, Computer Applications in Business, Taxmann
- Wayne Winston, Data Analysis & Business Modeling, PHI.

Additional Sources

- Simon Benninga, Financial Modeling, The MIT Press

Note: The latest editions of the books should be referred.

Teaching Learning Process

The course would involve lectures supported by group discussion, real life projects, open ended projects and hands-on-practice in computer labs.

Assessment Methods

There shall be practical examination of 50 Marks (2 hours duration (External)), theory exam of 25 marks (1 hour duration) and Internal Assessment of 25 marks (Class Test-10 Marks, Work Book- 10 Marks and attendance- 5 marks).

Keywords

Computer Application in Business, Spreadsheet Solver, Database Management System, Mail Merge, Word Processing, Data Analysis, Pivot Table

Note: Latest edition of text book may be used.

Paper–GE-4(A): PUBLIC FINANCE OR INDIAN ECONOMY-2 OR GLOBAL POLITICAL ECONOMY OR GAME THEORY

*Please refer to Page No. 175 for details of Public Finance or Indian Economy-2 or Global Political Economy or Game Theory

Paper GE-4(B): TEXT AND PERFORMANCE: WESTERN PERFORMANCE THEORIES AND PRACTICES

*Please refer to Page No. 183 for details of Text and Performance: Western Performance Theories and Practices

Paper - GE-4(C): ELEMENTS OF ANALYSIS

*Please refer to Page No. 185 for details of Elements of Analysis

Paper - GE-4(D): हिंदी का वैश्विक परिदृश्य

*Please refer to Page No. 187 for details of हिंदी का वैश्विक परिदृश्य

Paper - GE-4(E): GANDHI AND CONTEMPORARY WORLD

*Please refer to Page No. 187 for details of Gandhi and Contemporary World

Paper - GE-4(F): Fitness and Exercise Management

*Please refer to Page No. 191 for details of Fitness and Exercise Management

Paper SEC-2(A): COMPUTERISED ACCOUNTING SYSTEM

Course Objectives

This course seeks to enhance the skills of a commerce student needed for accounting for business transactions using Computerized accounting system.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand Computerized Accounting System environment

CO2: create structure of Computerized Accounting System for a business firm

CO3: record day to day business transactions in Computerized Accounting System

CO4: make necessary tax adjustments while recording business transactions and to generate various Accounting Reports for analysis and decision making

CO5: perform verification and audit activities for the voucher entries passed in computerized accounting environment.

Course Content

Unit-1: Computerised Accounting System

Computerised Accounting Systems: Basics of Computerised accounting systems; Difference between manual and computerized accounting system; factors affecting selection of suitable Computerised accounting software; Procurement and installation of Computerised accounting software; Using any popular accounting software: Create, Select, shut, and delete a Company; setting security features of company; Date and Period features; Configure and Features settings; Backup and Restore data of a Company

Unit-2: Creating Masters

Creating Accounting Ledgers and Groups: Single Create Vs. Multiple Create, creating ledger under a group and entering opening balance Creating Stock Items and Groups: Creating Unit of Measurement, creating Stock Groups using Single or multiple create feature under an existing group, creating Stock items using Single or multiple feature under an existing group

Unit-3: Voucher Entry

Types of vouchers; selection of voucher type for transactions; Vouchers Entry: Voucher Number and date settings, Voucher entry with more than one debit or credit accounts, Editing and deleting a voucher, Printing of Voucher and Cheque.

Unit-4: Taxation and Generating Reports

Taxation: Accounting for Tax Deducted at Source, Tax Collected at Source, and Goods and Service Tax

Generating Reports: Cash Book, Ledger Accounts, Trial Balance, Profit and Loss Account, Balance Sheet, Funds Flow Statement, Cash Flow Statement

Unit-5: Auditing

Auditing in Computerized Accounting system: Statutory Audit, Voucher verification, Verification of related party transaction, CAAT: Various Tools

Practical

There shall be 2 credit hours (2 lectures) and 2 credit hours (4 practical lab periods) per batch per week.

References

- Nadhani, Ashok K, Tally ERP 9 Training Guide, BPB Publications
- Tally ERP 9 book advanced user, Swayam Publication (www.tallyerp9book.com)

Note: Latest edition of readings may be used

Teaching Learning Process

The course would involve lectures supported by group discussion, real life projects, open ended projects and hands-on-practice in computer labs.

Assessment Methods

There shall be a practical examination of 100 Marks divided into Practical Examination 75 marks (3-hour duration) + Viva/Test 10 marks + Work Book 10 marks + Attendance 5 marks.

Keywords

Computerized Accounting System, Taxation, Auditing

Paper SEC-2(B): BUSINESS RESEARCH METHODS AND ANALYTICS

Course Objectives

The course provides basic understanding of business research and analytics. Primary objective of this course is to orient and develop a research acumen among students and also to acquaint them with fundamentals of research. It also aims to equip the students with analytical skills to enhance business decision making in real life situations

Course Learning Outcome

After completing the course, the student shall be able to:

CO1: understand meaning and scope of business research.

CO2: familiarize with research terminologies and various types of research design.

CO3: get an insight into various scaling techniques and sources of data collection.

CO4: get acquainted with various techniques of data analysis and its implications.

CO5: have basic learning of analytics in business.

Course Contents

Unit I: Introduction to Business Research

Meaning and Scope of Business Research; Types of Research- qualitative, quantitative, longitudinal, cross-sectional, fundamental, applied, conceptual and empirical; Characteristics of Good Research; Steps in Research Process; Ethics in Research.

Unit II: Language of Research

Proposition and Hypothesis; Concept and Construct; Attribute and Variable; Theory and Model; Induction and Deduction Approach; Research Design and Types (Exploratory, Descriptive and Experimental).

Unit III: Scaling and Data Collection

Measurement and Scaling; Primary scales of Measurement (Nominal, Ordinal, Interval and Ratio); Scaling Methods (Comparative-paired, rank order, constant sum and Q Sort, Non-comparative-Likert, Semantic Differential and Staple); Reliability and Validity; Meaning and Sources of Primary and Secondary Data; Questionnaire

Design; Census and Survey Method; Designing Sample Survey; Probability and Non-Probability Sampling Techniques.

Unit IV: Data Analysis and Interpretation

Introduction to Univariate and Bivariate Analysis; Classification and Presentation of Data - Bar, Pie, Line, Histogram and Box-Plot; Descriptive Analysis-Measurement of Central Tendency, Position and Dispersion; Introduction to Inferential Statistics-Hypothesis testing (t, z, F and Chi-square test); Report Writing- types and format.

Unit V: Analytics in Business

Introduction to Analytics, Analysis and Business Analytics; Overview of Machine Learning and Artificial Intelligence; Types of Analytics (Descriptive, Predictive and Prescriptive); Application of Analytics in Business Functions.

References

- Bryman, A., Bell, E. and Harley, B. (n.d.). Business research methods, Oxford University Press.
- Dangi, H., Dewan, S., Business research methods, Cengage Learning India Pvt. Ltd.

Additional Resources

- Albright, S.C., Wayne, L., Winston, W.L., Business Analytics: Data Analysis and Decision making (5th edition), Cengage Learning Limited.
- Lawrence Neuman, W., Social Research Methods: Quantitative and Qualitative Approaches, Pearson
- Pattern, M.L., Newhart, M., Understanding Research Methods: An Overview of the Essentials, Routledge

Note: Latest edition of readings may be used

Teaching Learning Process

This course is well structured and sequenced attainment of knowledge and skills. It will constitute an important aspect of teaching learning process. The course would involve lectures supported by group tutorials, open ended projects and self-study

Assessment Task

Closed book examination, Team assignment, internal and external examination.

Keywords

Business Research, Scaling, Sampling, Data Analysis, Analytics.

Paper SEC-2(C): LEADERSHIP AND TEAM DEVELOPMENT

Course Objective

The underlying objective of this course is to create an in-depth understanding of the concept of leadership and team building as well as help undergraduate students to examine leadership in contemporary context and learn principles of building highly effective teams.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: gain theoretical and practical knowledge to evaluate leadership skills, styles and strategies in contemporary world so as to become a successful leader and effective employee in organisation.
- CO2: understand the group dynamics and group decision making so as to develop acumen to utilize the leadership and team building concepts, tools and techniques to handle the complex organisational problems at different levels.

- CO3: recognize the dynamics of group decision making.
CO4: understand the working of various teams in organisations.
CO5: evaluate the role of women as leader and using various social media platforms as effective means of communication in contemporary world as a leader.

Course Contents

Unit I: Leadership

Styles and attributes of Leadership; Transactional and transformational leadership; Ethical leadership, culture and leadership (the emerging trends in leadership are to be discussed with case studies and projects).

Unit II: Groups and Group Processes

The nature and types of groups; Group dynamics- group cohesion, group roles and group norms, threat to group effectiveness; Managing group and inter-group dynamics; Managing culturally diverse groups.

Unit III: Leaders and Group Decisions

Group decision making; Power and influence in teams; Leadership and team empowerment; Challenges in team decision making.

Unit IV: Team Building and Team Effectiveness

Group vs. team; Evolution of group into teams; Stages of team development (team development case studies); Emotionally intelligent teams; Characteristics of effective team; Collaborative communication in teams; Problem solving and conflict resolution in teams.

Unit V: Emerging Trends in Leadership

Women in leadership; Leadership skills- coaching and mentoring; leadership and social media.

Practical

Case studies can be used in teaching various units.

References

- Luthans, F. (1997). Organisational Behavior. McGraw-Hill International Editions.
- Robbins, S. T., Judge, T. A., & Hasham, E. S. (2013). Organisational Behavior. Pearson.
- Singh, K. (2015). Organisational Behavior: Texts & Cases (3rd Edition ed.). India: Pearson.
- Griffin, R. W., Phillips, J. M., & Gully, S. M. (2017). Organisational Behavior: Managing People and Organisations. Cengage Learning.
- Greenberg, J., & Baron, R. A. Behavior in Organisations. Prentice Hall of India Pvt. Ltd., New Delhi.
- Hersey, P. K., Blanchard, D., & Johnson, D. Management of Organisational Behavior: Leading Human Resources. Pearson Education.
- Gratton, L. E. (2007). Eight ways to build collaborative teams. Harvard Business Review. 85 (11), 100-109.
- Katzenbach, J. R., Douglas S. K. (2001). Discipline of Teams. Harvard Business Review.71(2).111-120.

Additional Resources:

- Hogg, M. & Vaughan, G.M. (2008). Social Psychology. Prentice Hall.
- Kohn, S. E., & O'Connell, V. D. (2007). 6 Habits of Highly Effective Teams.

- Lakes, F. Leadership: Theory and Practice by Peter G. Northouse. Sage Publication (6th edition). New Jersey: Career Press. ISBN: 9781452203409.

Note: Latest edition of readings may be used

Teaching Learning Process

The course combines learning through analysis and discussion of case studies and active participation in experiential exercises and simulations.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Ethical Leadership, Group Dynamics, Group Decisions, Coaching, Mentoring.

Paper SEC-2(D): COLLECTIVE BARGAINING AND NEGOTIATION SKILLS

Course Objective

To understand the concept and theories of collective bargaining, and also to provide exposure to the required skills in negotiating a contract.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: identify issues in collective bargaining, its significance.

CO2: understand the levels, coverage and agreements of collective bargaining.

CO3: work on liaison in negotiations

CO4: differentiate between negotiations, collective bargaining and use of its approaches.

CO5: administer the negotiation agreement and handle grievance management

Course Contents

Unit I: Issues in Collective Bargaining

Meaning, Definitions and Characteristics of Collective Bargaining ; Critical Issues in Collective Bargaining; Theories of Collective Bargaining: Hick's Analysis of Wages Setting under Collective Bargaining, Conflict-choice Model of Negotiation, A Behavioural Theory of Labour Negotiation.

Unit II: Collective Bargaining in India

Pre-requisites for successful Collective Bargaining in any Country; Collective Bargaining in Practice; Levels of Bargaining, Coverage and Duration of Agreements; Difficulties in the Bargaining Process and Administration of Agreements. Select case studies from Indian perspective.

Unit III: Negotiating a Contract

Meaning of Negotiations, Pre-negotiation- Preparing the Charter of Demand(s), Creating the Bargaining Team, Submission of COD, Costing of Labour Contracts

Unit IV: Negotiation Skills

Negotiation Process; Effective Negotiation-Preparing for Negotiation, Negotiating Integrative Agreements; Negotiation and Collective Bargaining- Approaches and Phases in Collective Bargaining, Coalition Bargaining and Fractional Bargaining, Impasse Resolution, Contract Ratification.

Unit V: Negotiations and Administration

Post Negotiation-Administration of the Agreement, Grievance Management, Binding up the Wounds; Collective Bargaining & the emerging scenario.

References

- Dubey,S and Jain,P (2017) Collective Bargaining and negotiation Skills. Bookage Publications.
- Salamon, Michael. Industrial Relations, (2001), Theory & Practice. London. Prentice Hall.
- Venkataratnam, C. S. (2017), Industrial Relations: Text and Cases. Oxford University Press, Delhi.

Additional Resources

- Anand,K.B. and Paswan, A.K., (2017) Collective Bargaining and negotiation Skills.Galgotia Publishing Company
- Dwivedi, R.S. (2002). Managing Human Resources: Industrial Relations in Indian Enterprises. New Delhi: Galgotia Publishing Company.
- Edwards, P. (2009). Industrial Relations: Theory and Practice in Britain. U.K: Blackwell Publishing.

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study this subject. It includes lectures through presentations of real life scenarios, expert lectures, case study involving industrial disputes, role plays , seminars , tutorials , project- based learning. Case laws comprehension and higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

Collective Bargaining, Negotiation, Grievance Management

Paper SEC-2(E): E-FILING OF RETURNS

Course Objective

To equip students with the practical skills required for filing of returns under Income Tax and GST laws.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: know the difference between e-filing and regular filing of Income tax returns and understand the circumstances when e-filing is mandatory.
- CO2: understand the basic process of computing taxable income and tax liability, and know about various types of income tax return forms.
- CO3: understand the concept of advance payment of tax and tax deduction at source and develop the ability of e-filing of TDS returns.
- CO4: become aware of the basic framework and structure of GST, including the meaning of input tax credit and the process of its utilization.
- CO5: know about various types of GST returns and their filing.

Course content

Unit 1: Conceptual Framework: e-filing

Meaning of e-filing; difference between e-filing and regular filing of returns; benefits and limitations of e-filing; types of e-filing; e-filing process; relevant notifications.

Unit 2: Income tax and e-filing of ITRs

Introduction to income tax – basic terminology; types of assessee; income taxable under different heads; basics of computation of total income and tax liability; deductions available from gross total income; PAN card; due date of filing of income tax return. Instructions for filling out form ITR-1, ITR-2, ITR-3, ITR-4, ITR-4S, ITR-5, ITR-6. Introduction to Income Tax Portal; preparation of electronic return (practical workshops)

Unit 3: TDS and e-Filing of TDS returns

Introduction to the concept of TDS; provisions in brief relating to advance payment of tax; schedule for deposit of TDS; schedule for submission of TDS returns; prescribed forms for filing of TDS returns; exemption from TDS – Form 13, 15G, 15H; Practical workshop on e-filing of TDS returns

Unit 4: Conceptual framework of GST

Introduction to basic concepts of GST: Output tax liability of CGST, SGST, UTGST, IGST, State compensation cess; GST Network; input tax credit utilization; small supplies and composition scheme; schedule for payment of GST; interest/penalty for late/non-filing of return; payment of GST by electronic ledger – electronic liability register, electronic credit ledger, electronic cash ledger.

Unit 5: Filing of GST returns

GST returns: GSTR-1, GSTR-2, GSTR-3, GSTR-4, GSTR-9, GSTR-3B

References

- Ahuja, Girish, Gupta Ravi, GST & Customs Law.
- Ahuja. Girish. and Gupta. Ravi. Systematic Approach to Income Tax. Bharat Law House, Delhi.
- Babbar, Sonal, Kaur, Rasleen and Khurana, Kritika. Goods and Service Tax (GST) and Customs Law. Scholar Tech Press.
- Bansal, K. M., GST & Customs Law, Taxmann Publication.
- Gupta, S.S., Vastu and Sevakar, Taxmann Publications, 2017
- Singhania V. K , GST & Customs Law, Taxmann Publication.
- Singhania, Vinod K. and Singhania Monica. Students' guide to Income Tax. University Edition. Taxmann Publications Pvt Ltd., New Delhi.
- Sisodia Pushpendra, GST Law, Bharat Law House.

Additional Sources

Software

- Excel Utility available at incometaxindiaefiling.gov.in

Note: Latest edition of the book may be used

Teaching Learning Process

The teaching learning process would include classroom lectures to introduce students to the law pertaining to the levy of income tax and GST. This would be supplemented by case studies and students' presentations. Further, to enable the students to apply the law practically, practicals on online filing would be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination, assignments, class tests and practical exams. The practical exams would be conducted to gauge the understanding of students regarding online filing of returns.

There shall be 2 credit hours for theory lectures and 2 credit hours for practical (4 practicals per batch).

There shall be internal practical exam of 2 hours of 50 marks and theory exam of 25 marks of one hour The internal assessment will be of 25 marks (10 marks for internal practical + 10 marks class test/ Assignment + 5 marks for attendance)

Keywords

PAN, TAN, TCAN, e-filing, Central Processing Centre, TDS, APT, CGST, SGST/UTGST, IGST, State Compensation Cess, Electronic Ledger, GST Network.

Paper SEC-2(F): CYBER CRIMES AND LAWS

Course Objective

This paper intends to create an understanding towards the cyber-crimes and to familiarize the students with the application of cyber laws in business.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: identify cyber risk associated with online activities

CO2: prepare them for safe working in the vertical having varied access points, data sources, network and system related issues, especially in online transactions.

CO3: generate and preserve electronic evidences for personal and professional use.

CO4: work in virtual space safely and with business process or products conforming to the regulatory framework and not falling under the ambit of cyber crimes.

CO5: analyse the cases and find pertinent facts for resolutions.

Course Contents

Unit I: Cyber Crimes

Introduction- Computer crime and cyber crimes; Distinction between cyber crime and conventional crimes; Kinds of cyber crimes- cyber stalking, cyber terrorism, forgery and fraud, crimes related to IPRs, computer vandalism, cyber forensic.

Unit II: Definitions under IT Act, 2000 and Contemporary Business Issues in Cyber Space

Definitions under IT Act, 2000; Concept of Internet, Web Centric Business, E Business and its significance, Electronic Governance, Instant messaging platform, social networking sites and mobile applications, security risks, Internet of Things (IOT), Cyber jurisdiction, Domain name dispute and their resolution, E-forms; E-Money, regulations of PPI (Pre-Payment Instruments) by RBI, Electronic Money Transfer, Privacy of Data and Secure Ways of Operation in Cyber Space.

Unit III: Electronic Records

Authentication of Electronic Records; Legal Recognition of Electronic Records; Legal Recognition of Digital Signatures; Applications and usage of electronic records and Digital Signatures in Government and its Agencies; Retention of Electronic Records, Intermediaries and their liabilities; Attribution, Acknowledgement and Dispatch of Electronic Records; Secure Electronic Records and Digital Signatures.

Unit IV: Regulatory Framework

Regulation of Certifying Authorities; Appointment and Functions of Controller; License to issue Digital Signatures Certificate; Renewal of License; Controller's Powers; Procedure to be Followed by Certifying Authority; Issue, Suspension and Revocation of Digital Signatures Certificate, Duties of Subscribers; Penalties and Adjudication; Appellate Tribunal; Offences; Overview of GDPR and Indian data protection regime

Unit V: Case Laws

1. Communication Device-Section 2(ha) of the Information Technology (Amendment) Act, 2008-'State v Mohd. Afzal and others (2003), VIIAD (Delhi) 1, 107(2003) DLT385, 2003(71) DRJ178, 2003(3) JCC1669'
2. Computer Network-Section 2 (j) of the Information Technology (Amendment) Act, 2008 'Diebold System Pvt Ltd. v The Commissioner of Commercial Taxes, (2006), 144 STC, 59 (Kar)'
3. Electronic Record Sec. 2 (t)-'Dharambir v Central Bureau of Investigation 148 (2008) DLT 289'
4. Time and Place of Dispatch and Receipt of Electronic Record-section 13-'P.R. Transport Agency v Union of India & others, AIR 2006 All 23, 2006(1) AWC 504, ALL HC'; 'Groff v America Online, Inc., 1998 WL 307001 (1998)'
5. Penalty for Damage to Computer or Computer System- Section 43-'Umashankar Sivasubramanian v ICICI Bank, 18.04.2010. (Petition No. 2462/2008)'
6. Tampering with Computer Source Documents-Section 65-'Syed Asifuddin and Ors.v The State of Andhra Pradesh & Anr. 2006 (1) ALD Cri 96, 2005 CriLJ 4314'
7. Punishment for sending offensive messages-Sec. 66A-'SMC Pneumatics (India) Pvt. Ltd v Jogesh Kwatra", Suit No. 1279/2001'
8. Punishment for Identity Theft-Section 66C-'CBI v Arif Azim Case Judicial Reports (Criminal) 2003 (2) page 272'
9. Punishment for Cheating by Personating by using Computer Resource-section 66D- 'National Association of Software and Service Companies (NAASCOM)v Ajay Sood. (2005) F.S.R. 38; 119 (2005) DLT 596, 2005 (30) PTC 437 Del'
10. Punishment for Publishing or Transmitting Obscene Material in Electronic form section 67-'Avnish Bajaj v State (N.C.T.) of Delhi, (2005) 3 Comp, LJ 364 (Del), 116(2005) DLT427, 2005(79) DRJ576'
11. Punishment for Publishing or Transmitting of Material Containing Sexually Explicit Act, etc., in Electronic Form-Section 67A-'R v Graham Waddon., Southwark [Crown Court, 30/6/1999]'

References

- Arora, Sushma. and Arora R. (2017), Cyber crimes and laws, Taxmann Pvt Ltd, New Delhi.
- Brian, Craig. (2012). Cyber Law: The Law of the Internet and Information Technology. Pearson Education.
- Rattan J, (2015) Cyber Crime and Information Technology, Bharat Law House, Pvt Ltd.
- Sharma J. P., and Kanojia, S. (2018). E Business and Cyber Laws. New Delhi. Bharat Law house Pvt Ltd.

Additional Resources

- Dietel, Harvey M., Dietel, Paul J., and Steinbuhler, Kate. (2001). E-business and Ecommerce for managers. Pearson Education.

- Information Technology Rules & Cyber Regulations Appellate Tribunal Rules with Information Technology Act 2000. Taxmann Publications Pvt. Ltd., New Delhi.
- Joseph, P.T. (2015). E-Commerce-An Indian Perspective. PHI
- Painttal, D. (2016) Law of Information Technology, New Delhi: Taxmann Publications Pvt. Ltd.

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study the subject law. It includes lectures through presentations of case laws, expert lectures discussing the real-life cyber scams and the relevant precautionary measure, case study approach is widely followed, role plays, seminars, tutorials, project- based learning. Case laws comprehension and higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

IT Act, 200, Cyber Crimes, Electronic Records

Semester - V

Paper C-11: PRINCIPLES OF MARKETING

Course Objective:

The objective of this course is to provide basic knowledge of concepts, principles, tools and techniques of marketing and to provide knowledge about various developments in the marketing.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: develop understanding of basic concepts of marketing, marketing philosophies and environmental conditions effecting marketing decisions of a firm.

CO2: understand the dynamics of consumer behaviour and process of market selection through STP stages.

CO3: understand and analyze the process of value creation through marketing decisions involving product development.

CO4: understand and analyze the process of value creation through marketing decisions involving product pricing and its distribution.

CO5: understand and analyze the process of value creation through marketing decisions involving product promotion and also to equip them with the knowledge of various developments in marketing area that may govern marketing decisions of a firm.

Course Contents

Unit – I

Introduction to Marketing: Meaning, Nature, Scope and Importance; Core concepts of marketing; Marketing Philosophies; Services Marketing: Meaning and distinctive characteristics; Marketing Mix.

Marketing Environment: Need for studying marketing environment; Micro

environmental factors- company, suppliers, marketing intermediaries, customers, competitors, publics; Macro environmental factors – demographic, economic, natural, technological, politico-legal and socio- cultural.

Unit –II

Consumer Behaviour: Need for studying consumer behaviour; Types; Stages in Consumer buying decision process; Factors influencing consumer buying decisions.

Market Selection: Choosing market value through STP. Market Segmentation- Levels and bases of segmenting consumer markets. Market Targeting- concept and criteria. Product Positioning – concept and bases; Product differentiation- concept and bases.

Unit –III

Product Decisions: Concept and classification; Levels of Product. Designing value- Product-mix dimensions, strategies and types; Branding- functions, strategies, types and qualities of good brand name; Packaging and Labeling- functions, types and ethical aspects; Product support services.

New Product Development: Product life cycle – concept and marketing strategies; New product development- concept and process.

Unit –IV

Pricing Decisions: Objectives; Factors affecting price of a product; Pricing methods; Pricing strategies; Ethical issues in pricing decisions.

Distribution Decisions: Channels of distribution- types and functions. Delivering value- factors affecting choice of distribution channel; Distribution strategies; Distribution logistics – concept, importance and major logistics decisions; Wholesaling and retailing; Types of retail formats; Management of retailing operations: an overview. Emerging distribution trends.

Unit –V

Promotion Decisions: Communication process; Importance of Promotion. Communicating value- Decision about Promotion mix tools including advertising, personal selling, sales promotion, public relations, publicity and direct marketing; Factors influencing promotion mix; Integrated Marketing Communication approach.

Developments in Marketing: Relationship Marketing- concept and dimensions. Sustainable Marketing- concept and issues. Rural marketing- characteristics, drivers of growth in rural marketing, rural marketing mix. Social marketing- concept, tools and issues. Digital marketing- concept, tools and issues.

References

- Etzel, M. J., Walker, B. J., Stanton, W. J., & Pandit, A. (2010). Marketing (14th ed.). Mc Graw Hill.
- Kapoor, Neeru. Principles of Marketing. PHI
- Kotler, P., Armstrong, G. and Agnihotri, P. (2018). Principles of Marketing (17th Edition), Pearson Education. Indian edition.
- Mahajan, J.P. and Mahajan Anupama. Principles of Marketing. Vikas Publications.
- Sharma, K., & Swati Aggarwal. (2018). Principles of Marketing. Taxmann's.

Additional Resources

1. Grewal, D. & Levy, M. (2017). Marketing (5th ed.). McGraw-Hill Education.
2. Kotler, P., Keller, K.L., Koshy, A., & Jha, M. (2013). Principles of Marketing: A South Asian Perspective (13th ed.). Pearson Education.
3. Saxena, R. (2006). Marketing Management (3rd ed.). Tata McGraw Hill.

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching learning process help students to become more effective learners in the course. It includes lectures, case study discussions, individual, group presentation and projects. All the relevant and updated case studies are to be used in the process.

Assessment Methods

The assessment methods of this course include class tests, assignments, project evaluations and class presentations.

Keywords

Targetmarket, Product, Price, Distribution, Promotion, Segmentation, Targeting, Positioning.

Paper C-12: FINANCIAL MANAGEMENT

Course Objective:

To familiarize the students with the principles and practice of financial management

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1 - explain the nature and scope of financial management as well as time value of money and risk return trade off

CO2 - analyze capital budgeting process and capital budgeting techniques

CO3 - estimate various capital structure theories and factors affecting capital structure decisions in a firm

CO4 - critically examine various theories of dividend and factors affecting dividend policy
CO5 - evaluate working capital requirement

Course Contents

Unit I: Introduction

Nature, scope and objectives of financial management, Time value of money, Risk and Return.

Unit II: Capital Budgeting

The Capital Budgeting Process, Cash Flow Estimation, Payback Period Method, Discounted Payback Period Method, Accounting Rate of Return, Net Present Value (NPV), Net Terminal Value, Internal Rate of Return (IRR), Profitability Index, Capital budgeting under Risk & Uncertainty-Certainty Equivalent Approach and Risk-Adjusted Discount Rate Method.

Unit III: Cost of Capital and Financing Decision

Sources of long-term financing, Estimation of components of cost of capital, Method for calculating Cost of Equity, Cost of Retained Earnings, Cost of Debt and Cost of Preference Capital, Weighted Average Cost of Capital (WACC) and Marginal Cost of Capital. Capital Structure- Theories of Capital Structure (Net Income, Net Operating Income, MM Hypothesis, Traditional Approach). Operating, Financial and Combined Leverage. EBIT-EPS Analysis. Determinants of Capital Structure.

Unit IV: Dividend Decision

Theories for relevance and irrelevance of dividend decision for corporate valuation- Walter's Model, Gordon's Model, MM Approach, Forms of dividend payment, types of dividend policies and Determinants of Dividend policy.

Unit V: Working Capital Decision

Concepts of Working Capital, Operating & Cash Cycles, Risk-return Trade off, sources of short- term finance, working capital estimation, cash management, an overview of receivables management and inventory management.

Practical

The students will work on the spreadsheet for doing basic calculations in finance

(Unit 2 and 3 above) and hence can be used for giving students subject related assignments and for their internal assessment.

There shall be 4 credit Hrs. for Lectures + one Credit hr. (Two Practical Periods per week per batch) for Practical Lab + one credit Hr. for Tutorials (per group)

References

- Khan, M.Y. Khan and Jain P.K. Financial management: Text and Problems. Tata McGraw Hill
- Kothari, R. Financial Management : A Contemporary Approach. Sage Publications India Pvt. Ltd. New Delhi
- Pandey, I M. Financial Management. Vikas Publications
- Rustagi, R.P. Fundamentals of Financial Management, Taxmann, New Delhi
- Sharma, S.K. and Sareen, Rachan Fundamentals of Financial management , Sultan Chand & Sons (P) Ltd.
- Singh, Preeti. Financial Management. Ane Books Pvt. Ltd, New Delhi.
- Singh, J.K. Financial Management- Theory and Practice. Galgotia Publishing House, Delhi
- Singh, Surender. and Kaur, Rajeev. Fundamentals of Financial Management. SCHOLOR Tech Press, New Delhi
- Tripathi, Vanita, Basic Financial Management, Taxmann Publications.

Additional Resources:

1. Chandra, P. Financial Management-Theory and Practice., Tata McGraw Hill.
2. VanHorne., James, C., and John, Wachowicz. Fundamentals of Financial Management. Pearson Education.
3. Ross, Stephen A., Westerfield, Randolph, and Jeffrey, Jaffe. Corporate Finance. Tata McGraw Hill.
4. Srivastava, Rajiv., and Mishra, Anil. Financial Management. Oxford University Press, UK

Note: Latest Edition of Text Books may be used.

Teaching Learning Process

As course of Fundamentals of Financial Management is designed to familiarize the students with the principles and practice of financial management, the teaching learning process for Unit I, IV, and V will be based on lectures, seminars and project work.

For Unit II & III lectures/practical labs may be conducted for developing better understanding of the concepts.

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination.

The Assessment for this paper would include a theory exam of 75 marks of 3 hours duration and internal assessment of 25 marks. Internal assessment will include 10 marks for practical exam, 10 marks for class tests/assignments, and 5 marks for attendance.

Keywords

Financial Management, Capital Budgeting, Capital Structure, Cost of Capital, Leverage, Dividend Decision, Working Capital Decision.

Paper: DSE-1 (anyone out of Group-A)

GROUP A	
a. Management Accounting	c. Macro Economics
b. Organizational Behaviours	d. Entrepreneurship Development

DSE Group A (a): MANAGEMENT ACCOUNTING

Course Objective:

Enable students to acquire knowledge of concepts, methods and techniques of management accounting for the purpose of managerial planning, control and decision making.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand thoroughly the conceptual framework of Management Accounting; identification of differences between different forms of accounting—Financial, Cost and Managerial; distinction between cost control and cost reduction.

CO2: understand the concept of marginal cost and marginal costing; preparation of income statements using absorption and variable costing; learning of cost-volume-profit analysis and break-even analysis using mathematical and graphical approaches; and the application in businesses.

CO3: understand the concept of relevant and irrelevant costs and make decisions related to different business situations using marginal costing and differential costing techniques.

CO4: understand budgetary control system as a tool of managerial planning and control; ability to prepare various types of budget. Ability to understand standard costing system as a tool of managerial control; calculation of variances in respect of each element of cost and sales; control ratios.

CO5: understand management accounting issues of Responsibility accounting, Divisional performance measurement and Transfer pricing.

Course Contents

Unit 1: Introduction

Meaning, objectives, nature and scope of management accounting, Difference between different forms of accounting — Cost, Financial and Management accounting, Cost control and Cost reduction, Cost management.

Unit 2: Marginal Costing

Concept of marginal cost and marginal costing; Absorption versus Variable Costing; Distinctive features and income determination; Cost-volume-profit analysis; Break-even analysis-using mathematical and graphical approaches; Profit-volume ratio, angle of incidence, margin of safety, key factor, determination of cost indifference point, Cash break-even point and Composite break- even point.

Unit 3: Decision Making

Steps in Decision Making Process, Concept of Relevant Costs and Benefits, Various short -term decision making situations – profitable product mix, Acceptance or Rejection of special/ export offers, Make or buy, Addition or Elimination of a product line, sell or process further, operate or shut down. Pricing Decisions: Major factors influencing pricing decisions, Various methods of pricing.

Unit 4: Budgetary Control and Standard Costing System

Budgeting and Budgetary Control: Concept of budget, budgeting and budgetary control; Objectives, merits and limitations; Budget Administration; Functional

Budgets; Fixed and Flexible budgeting; Zero base budgeting; Programme and Performance budgeting.

Standard Costing and Variance Analysis: Meaning of standard cost and standard costing; advantages, limitations and applications; Variance Analysis – material, labour, overheads and sales variances; Disposition of variances; Control ratios.

Unit 5: Performance Measurement

Responsibility Accounting: Concept, Significance, Different Responsibility Centres; Divisional Performance Measurement: Financial and Non-Financial measures; Transfer pricing.

References

- Goel, Rajiv Kumar & Ishaan Goel. Concept Building Approach to Management Accounting. Cengage.
- Lal, Jawahar and Srivastava, Seema. Cost Accounting. McGraw Hill Publishing Co., New Delhi.
- Singh, Surender. Management Accounting. PHI Learning Pvt. Limited, Delhi
- Singh, S.K. and Gupta, L. “Management Accounting”. A.K. Publications, New Delhi.
- Jhamb, H. V. Management Accounting. Ane Books Pvt. Ltd, New Delhi
- Khan, M. Y. and Jain, P.K. Management Accounting. Tata McGraw Hill Publishing Co., New Delhi

Additional Resources

1. Arora, M.N. Management Accounting. Himalaya Publishing House, New Delhi
2. Drury, Colin. Management and Cost Accounting. Thomson Learning.
3. Horngren, Charles T., George Foster and Srikant M. Dattar. Cost Accounting: A Managerial Emphasis. Prentice Hall of India Ltd., New Delhi.
4. Usry, Milton E. and Lawrence H. Hammer. Cost Accounting: Planning and Control. South Western Publishing Co.

Note: Latest edition of text books may be used.

Teaching Learning Process

Class room lectures based on the theory concepts, case study, students presentation and participation is the recommended pedagogy.

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires class participation, class test, assignment, project work, end semester examination

Keywords

Cost Control, Cost-Volume-Profit Analysis, Relevant Costs, Variance Analysis, Divisional Performance

DSE Group A (b) : ORGANISATIONAL BEHAVIOUR

Course Objective:

The underlying objective of this course is to create an in-depth understanding of the concept of organisational behavior and analyze the complexities of human behavior in an organisation at individual, interpersonal, group and organisational level.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the development of organisational behavior and its importance in managing people at the workplace.

CO2: understand how individuals behave under different conditions and why individuals behave as they do.

CO3: appreciate different theories of motivation.

CO4: critically evaluate leadership styles and strategies.

CO5: critically evaluate the potential effects of organisation culture and stress on behavior in organisation so as to direct the same towards predetermined goals.

Course Contents

Unit I: Introduction

Introduction to organisational theories; Organisational behavior- concepts, determinants, challenges, opportunities; Contributing disciplines of OB; OB models.

Unit II: Individual Behavior

Foundations of Individual Behavior; Personality- factors influencing personality, Traits, Type A and B; Big five personality types; Values - concept and types: terminal values and instrumental values; Attitude - components, job related attitudes; Learning- concept, theories and reinforcement; Perception and emotions- concept, perceptual process, importance, factors influencing perception, perceptual errors and distortions; Emotional intelligence.

Unit III: Motivation and Communication

Meaning and importance of motivation; Need theories- Maslow, McClelland and Alderfer; Two factor theory of Herzberg; Theory X and Theory Y of McGregor; Intrinsic motivation by Ken Thomas; Behavior modification; Communication and feedback; JOHARI window; Motivation practices of 5 prominent organisations.

Unit IV: Group Behavior and Leadership

Group dynamics- concepts, types- group norms, group roles, and group cohesiveness; Leadership- concept and theories; Power, Influence, followership & Leadership; Styles of leadership; Leadership continuum; Trait, Behavioral and Situational approach; Leadership effectiveness.

Unit V: Dynamics of Organisational Behavior

Organisational conflict - sources, resolution strategies; Organisational culture- concept and determinants; Organisational change- importance, proactive vs. reactive change, resistance to change, managing change; Stress- individual and organisational factors, stressors, consequences, prevention and management of stress.

Practical

Case studies can be taught from units III, IV, and V.

References

- Luthans, F. (1997). Organisational Behavior. McGraw-Hill International Editions.
- Pareek, U. (2014). Understanding Organisational Behavior. Oxford University Press.
- Robbins, S. T., Judge, T. A., & Hasham, E. S. (2013). Organisational Behavior. Pearson.
- Sekaran, U. Organisational Behavior: Text and Cases. New Delhi: Tata McGraw Hill.
- Singh, A. K., & Singh, B. P. Organisational Behavior. New Delhi: Excel Books Pvt. Ltd.
- Singh, K. (2015). Organisational Behavior: Texts & Cases (3rd Edition). India: Pearson.

Additional Resources

1. Greenberg, J., & Baron, R. A. Behavior in Organisations. New Delhi:

Prentice Hall of India Pvt. Ltd.

- Hersey, P. K., Blanchard, D., & Johnson, D. Management of Organisational Behavior: Leading Human Resources. Pearson Education.

Note: Latest edition of readings may be used

Teaching Learning Process

The course combines learning through analysis and discussion of case studies and active participation in experiential exercises and simulations.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Organisational Theories, Personality, Values and Attitudes, Learning, Leadership, Conflict, Organisational Culture.

DSE Group A (c): MACRO ECONOMICS

Course Objective:

To provide the students with knowledge of enriching concepts and variables of macro-economics; appreciate the impact of labor market, money market and foreign exchange on working of an economy and understand the modern tools of macro-economic analysis.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: describe the nature and scope of Macro Economics, Income, Expenditure and their components and determinants.

CO2: expose fiscal and monetary policy implications through IS-LM framework in short run and long run.

CO3: comprehend the different theories of demand for money, supply of money approach and working of money multiplier.

CO4: elucidate causes and effects of different types of inflation and trade-off between inflation and unemployment.

CO5: describe the role of saving and investment in different size of economies on trade and exchange rate and rate of interest.

Course Contents

Unit I: Introduction

Introduction – Concepts and variables of macroeconomics, Income, Expenditure and the circular flow (three sector economy), Components of expenditure. Consumption, Saving and investment and S-I approach, Multiplier (three sector) and numerical.

Unit II: Economy in the Short Run

Meaning, Objectives and instruments of fiscal and monetary policy, AD-AS approach- Determination of aggregate demand, Shifts in aggregate demand, Aggregate supply in the short- run and long-run, Aggregate demand- Aggregate supply analysis. Economy in the short run- IS– LM framework and numericals.

Unit III: Demand for money and Supply of money

Demand for money- Quantity Theory of Money (Fisher’s Transactions approach), Keynesian theory of demand for money, Baumol-Tobin Transaction approach, Tobin’s Portfolio Balance approach.

Supply of money- Measures of money supply by RBI, Money multiplier.

Unit IV: Inflation, Unemployment and Labor Market

Inflation-Causes and effects, Demand pull and cost push inflation. Measures to control inflation. Social costs of inflation. Unemployment – Natural rate of unemployment, Frictional and wait unemployment. Labour market and its interaction with production system. Phillips curve, Trade-off between inflation and unemployment, Sacrifice ratio.

Unit V: Open Economy

Flows of goods and capital, Saving and investment in a small and a large open economy, Exchange rates- Fixed and flexible, Mundell– Fleming model with fixed and flexible exchange rates, Interest rate differentials- case of a large economy.

References

- Andrew B. Abel and Ben S. Bernanke, Macroeconomics, Pearson Education, Inc., 7 th edition, 2011.
- Branson, William H. Macroeconomic Theory and Policy. HarperCollins India Pvt. Ltd.
- Deepashree. Principles of Macroeconomics. Scholar Tech Press. Ed. 2017.
- Dornbusch, Rudiger, Stanley Fischer and Richard Startz, Macroeconomics, McGraw Hill Education; Twelfth edition, 2018
- Edward Shapiro. Macroeconomic Analysis. Ed.5th Galgotia Publications Pvt Ltd- New Delhi, 2013
- Froyen, Macroeconomics:- Theories and Policies Pearson New Delhi, Sixth edition, 2013
- G.S. Gupta : Managerial Economics McGraw Hill Education; 2nd edition, 2017
- Government of India (GOI) (Latest Year) : —Economic Survey, Ministry of Finance: New Delhi
- JM Keynes: General Theory of Interest, Employment & Money, Atlantic, 2008
- Mankiw, N. Gregory, Principles of Macroeconomics, Cengage Learning India Pvt. Ltd.; 7th edition, New York, Hampshire, U.K. 2015
- Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5 th edition, 2009.
- Paul R. Krugman, Maurice Obstfeld and Marc Melitz, International Economics, Pearson Education Asia, 9 th edition, 2012.
- Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2 nd edition, 2005.
- Salvatore, Dominick. International Economics. John Wiley & Sons Singapore.
- T Foryen Richard: Macro Economic Theories and Policies; 6th edition, 1998

Note: Latest edition of readings may be used

Teaching Learning Process

Interactive classroom sessions with the help of PowerPoint presentations, reflective assessment and case study discussions to ensure active participation and continuous learning.

Assessment Methods

The assessment method of this course is properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, problem solving exercises, presentations and end semester examinations.

Keywords

Income, Expenditure, Circular Flow, Consumption, Saving and Investment Multiplier, Fiscal Policy, Monetary Policy.

Course Objective:

To inculcate the spirit of entrepreneurship among the learners so as to ensure their entrepreneurial desire resulting into creation of a new venture.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the concept of entrepreneurship in the context of Indian economic scenario.

CO2: link the individual's capability and strength as a guiding factor towards entrepreneurial orientation.

CO3: understand social support system for gaining strength towards entrepreneurial preferences.

CO4: understand entrepreneurial process for initiating new venture creation.

CO5: understand various dimensions of managing a business enterprise once it is formed.

Course Contents

Unit I: Introduction

Entrepreneurship: concept, functions, need and importance; Entrepreneurial history in Indian Society; Determinants of entrepreneurship, creative responses to social challenges; Dimensions of entrepreneurship: intrapreneurship, technopreneurship, netpreneurship, ecopreneurship, social entrepreneurship.

Unit II: Individual and Entrepreneurship

Entrepreneurial myth, motivation for entrepreneurship, Entrepreneurial skills and competencies, entrepreneurial values and attitude; Entrepreneurial risk propensity and ability to cope; Entrepreneurship in Indian scenario - Entrepreneurial mindset in the contemporary business scenario, family business and entrepreneurship vis-à-vis first generation entrepreneurs (Nascent Entrepreneurship).

Unit III: Entrepreneurial Sustainability

Social support system for entrepreneurship, public and private system of stimulation; Availability of finance, marketing, technological and managerial support systems; Role of industries association; Entrepreneurs' self-help group, trade and industry associations; Existence of business incubators; Availability of venture capital and angel investors support system; Private equity funds; Startup Action Plan; Make in India initiative.

Unit IV: Entrepreneurial Process

Opportunity sensing and identification process (cases to be discussed on how business ideas are perceived); Generation of business ideas, feasibility analysis of business ideas, preparation of a business plan (practical work on devising of a plan is to be assigned to the students) in the form of a project report on specific business proposal; Project appraisal and its techniques.

Unit V: Managerial Aspects of Business

Managing finance, understanding of capital-mix; Management of human resources of a new enterprise; Adopting a marketing strategy for sustaining new venture; Managing assets (cash management), relationship management; Managing family business; Understanding cost management.

References

- Brandt, S. C. Entrepreneurship: The Ten Commandments for Building a Growth Company. MacMillan Business Books.

- Dollinger, M. J. Entrepreneurship: Strategies and Resources. Illinois: Irwin.
- Holt, D. H. Entrepreneurship: New Venture Creation. New Delhi: Prentice Hall of India.
- Panda, S. C. Entrepreneurship Development. New Delhi: Anmol Publications.
- Roy, R. (2011). Entrepreneurship. Oxford University Press.
- Taneja, S., & Gupta, S. L. Entrepreneurship Development-New Venture creation. New Delhi: Galgotia Publishing House.
- Vasper, K. H. New Venture Strategies. New Jersey: Prentice-Hall.

Note: Latest edition of readings may be used

Teaching Learning Process

Direct interactive class room teaching method along with practical cases may be put before the learners so as to promote entrepreneurial propensity among the students.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Nascent Entrepreneurship, Self-Help Group, Private Equity Funds, Project Appraisal.

Paper: DSE-2 (anyone out of Group-B)

GROUP B	
a. Corporate Tax Planning	c. Advertising and Personal Selling
b. Financial Markets, Institutions and Services	d. Business Statistics

DSE Group B (a): CORPORATE TAX PLANNING

Course Objective:

To provide students with knowledge of various aspects of corporate tax planning and their impact on decision-making; and further to provide an understanding of relevant tax provisions in this context.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: differentiate between various tax planning concepts and understand the procedure of assessment of corporate assesses.

CO2: devise strategies for tax planning in respect of a new business, understand the specific tax issues for start-ups, and comprehend the Income Tax provisions relevant for financial management decisions.

CO3: decipher the tax factors relevant for managerial decisions and to understand how to develop pay packages for employees.

CO4: recognize the relevant Tax provisions for Non-resident Indians and to understand how to claim relief in case of double taxation of income.

CO5: understand tax planning with reference to business restructuring.

Course Content

Unit 1

Tax planning, tax management, tax evasion, tax avoidance; Types of companies; Residential status of companies and tax incidence, clubbing; Tax liability and minimum alternate tax; Carry forward and set off of losses in case of certain

companies; Deductions available to corporate assesses; Tax on distributed profits; Units of Mutual funds.

Unit 2

Tax planning with reference to setting up of a new business; taxation issues of start-ups; Location of Business, nature of business, form of organisation; Tax panning with reference to financial management decision – Capital structure, dividend and bonus shares; Tax planning with reference to sale of scientific research assets.

Unit 3

Tax planning with reference to specific management decisions – Make or buy, own or lease, repair or replace; Tax planning with reference to employee’s remuneration; Tax planning with reference to receipt of insurance compensation; Tax planning with reference to distribution of assets at the time of liquidation.

Unit 4

Tax planning in respect of non-resident Indians; income by way of interest on NRO/NRE accounts, provisions under sections 115C – 115I; Double taxation relief; Provisions regulating transfer pricing, computation of Arm’s length pricing; Advance rulings; Advance Pricing Agreement

Unit 5

Tax planning with reference to business restructuring - Amalgamation; Demerger; Slump sale; Conversion of sole proprietary concern/ partnership firm into Company; Conversion of company into LLP; Transfer of assets between holding and subsidiary companies

References

- Acharya. Shuklendra and Gurha. M.G. Tax Planning under Direct taxes. Modern Law Publications, Allahabad.
- Ahuja. Girish. and Gupta, Ravi. Corporate Tax Planning and Management. Bharat Law House, Delhi.
- Ghosh. T.P. IFRSs. Taxmann Publications Pvt. Ltd., New Delhi.
- IAS-12 and AS-22.
- Mittal, D.P. Law of Transfer Pricing. Taxmann Publications Pvt. Ltd., New Delhi
- Singhania. Vinod K. and Singhania. Monica. Corporate Tax Planning. Taxmann Publications Pvt. Ltd., New Delhi.

Note: Latest edition of readings may be used

Teaching Learning Processes

The teaching learning process would include classroom lectures to introduce students to the tools with regard to corporate tax planning. This would be supported by case studies to enable an understanding of the practical aspects of corporate tax planning. In addition, class presentations and class discussion to be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination and assignments. Further, class tests may be conducted to gauge the understanding of students regarding corporate tax planning and application of relevant tax provisions.

Keywords

Tax Planning, Corporate Assesses, Non-Resident, Tax Avoidance, Minimum Alternate Tax, Dividend Distribution Tax.

DSE Group B (b): FINANCIAL MARKETS, INSTITUTIONS & SERVICES

Course Objective:

To provide students an overview of financial markets & institutions in India and familiarize them with important fee and fund based financial services

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the meaning and scope of financial markets as well as institutions in India.

CO2: understand the concepts of Money Market and Capital Market

CO3: explain Commercial Banking and its Current developments.

CO4: explain concept of Non-Banking Financial Companies (NBFC's)

CO5: examine the Financial Services Industry

Course Contents

Unit-I Introduction

An Introduction to Financial System, Components, Financial System and Economic Development, Financial Inter-mediation, An overview of Indian Financial System since 1951, Financial Sector Reforms since liberalization 1990-91.

Unit-II: Financial Markets & Capital Markets

Financial Markets: Money Market – functions, organisation and instruments. Role of central bank in money market. Indian Money Market – an overview. Capital Markets –Introduction, role and functions. Components of Capital market. Cash markets-Equity and Debt, Depository (NSDL, CDSL). Primary and Secondary Markets –NSE, BSE, NIFTY, SENSEX. Role of Stock Exchanges in India. SEBI and Investor Protection.

Unit-III: Financial Institutions I

Financial Institutions: Commercial banking – introduction, classification, its role in financing - commercial and consumer, recent developments like MUDRA financing, problem of NPAs, Bankruptcy and insolvency Act, Financial Inclusion.

Unit-IV: Financial Institutions II

Life and non-life insurance companies in India: public and private. Mutual Funds – Introduction and their role in capital market development. Types of mutual fund schemes (open ended vs close ended, Equity, Debt, Hybrid schemes and ETFs. Non-banking financial companies (NBFCs).

Unit-V: Financial Services Industry

Overview of financial services industry. Merchant Banking – pre and post issue management, underwriting. Regulatory framework relating to Merchant Banking in India. Leasing and Hire Purchase, Consumer and Housing Finance, Venture Capital Finance, Factoring Services, Credit Rating, Financial Advisory and Portfolio Management Services.

References:

- Bhole, L.M., Financial Markets and Institutions. Tata McGraw Hill Publishing Company.
- Kumar, V., Gupta, K., Kaur, M., Financial Markets, Institutions and Financial Services, Taxmann's Publications.
- Khan M.Y. and Jain, P.K Financial Services, Tata McGraw Hill.

Additional Resources:

1. Annual Reports of Major Financial Institutions in India
2. Khan, M.Y., Indian Financial System –Theory and Practice, Vikas Publishing

House.

3. Sharma, G.L., & Singh, Y.P., Contemporary Issues in Finance and Taxation, Academic Foundation, Delhi.

Note: The latest edition of text books may be used.

Teaching Learning Process

As the course is designed to enable the students to provide students an overview of financial markets & institutions in India and familiarize them with important fee and fund based financial services, the teaching learning process will be based on lectures/seminars, and project work

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination

Keywords

Financial System, Financial Markets, Money Market, Capital Markets, Financial Institutions.

DSE Group B (c): ADVERTISING AND PERSONAL SELLING

Course Objective:

To teach the basics of advertising and personal selling as promotional tools in marketing and to develop a customer oriented attitude for designing advertising and personal selling messages.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the communication objectives behind advertising and promotions.

CO2: understand the various advertising and media elements in the advertising decisions.

CO3: identify the ethical and legal issues of advertising.

CO4: comprehend the importance and role of personal selling.

CO5: understand the process of personal selling

Course Contents

Unit I: Introduction to Advertising

Communication Process; Information Response Hierarchy Models- AIDA Model & Hierarchy of Effects Model; Advertising: Importance, types and objectives; DAGMAR Approach; Target audience selection- basis; Methods of setting of Advertising Budget.

Unit II: Advertising: Message and Media Decisions

Advertising Message-Advertising appeals; Elements of print and broadcast advertising copy; Types of Advertising Media- strengths and limitations; Factors influencing selection of advertising media; Media Scheduling.

Unit III: Advertising Effectiveness and Institutional Framework

Rationale of measuring advertising effectiveness; Communication and Sales Effect; Pre and Post- testing Techniques; Advertising Agency: Role, types and selection. Ethical and legal aspects of advertising. Role of Advertising Standards Council of India (ASCI).

Unit IV: Introduction to Personal Selling

Concept of Personal Selling and Salesmanship; Qualities of a good salesperson;

Types of salespersons; Role of Personal Selling in CRM; AIDAS model of selling. Buying Motives.

Unit V: Personal Selling Process

Prospecting,; Pre Approach; Approach; Presentation and Demonstration; Handling of Objections; Closing the Sale; Follow-Up; Sales Reports and Sales Audit.

References

- Belch, G. E., M. A. Belch and Purani K. (2009), Advertising and Promotion: An Integrated Marketing Communications Perspective, McGraw Hill Education.
- Buskirk, R. A. B. D. Buskirk, F. A. Russell (1988), Selling: Principles and Practices, McGraw-Hill.
- Gupta, Ruchi (2017), Advertising. Scholar Tech Press.
- Futrell, Charles (2013), Fundamentals of Selling, McGraw Hill Education.
- Kapoor, Neeru. Advertising and Personal Selling. Pinnacle Learning
- Sharma, Kavita (2018), Advertising: Planning and Decision Making, Taxmann Publication Pvt. Ltd.

Additional Resources

1. Castleberry, S.B. and Tanner, J. F. (2013), Selling: Building Relationships, McGraw Hill Education.
2. Shah, Kruti and A. D'Souza (2008), Advertising and Promotions: An IMC Perspective, McGraw Hill Education.

Note: Latest edition of the books should be used.

Teaching Learning Process

The following components would be used for effective teaching learning process: experiential learning via simulation, exercises, role playing, research projects, internships, case study discussions, presentations and field trips.

Assessment Methods

The methods used for assessing the students include feedback, class test, assignments, projects, presentations and end semester examination.

Keywords

Advertising, Personal Selling. Communication Process, Aidas Model, Personal Selling Process, Marketing, Selling

DSE Group B (d): BUSINESS STATISTICS

Course Objective:

To familiarize students with the basic statistical tools used to summarize and analyze quantitative information for business decision making.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: acquire a fair degree of proficiency in comprehending statistical data, processing and analysing it using descriptive statistical tools.

CO2: gather knowledge about various probability concepts and distributions and their business applications.

CO3: understand the relationship between two variables using concepts of correlation and regression and its use in identifying and predicting the variables.

CO4: develop an understanding of the index numbers and their utility in daily life and

stock market.

CO5: become aware of the patterns revealed by the time series data and to use it to make predictions for the future.

Course Contents

Unit I: Descriptive Statistics

1.1 Measures of Central Tendency

(a) Concept and properties of mathematical averages including arithmetic mean, geometric mean and harmonic mean.

(b) Positional Averages including Mode and Median (and other partition values - quartiles, deciles, and percentiles) with graphic presentation.

1.2 Measures of Dispersion: absolute and relative. Range, quartile deviation, mean deviation, standard deviation, and their coefficients; Properties of standard deviation/variance.

1.3 Moments: Calculation and significance; Skewness: Meaning and Measurement (Karl Pearson and Bowley's measures); Kurtosis.

Unit II: Probability and Probability Distributions

2.1 Theory and approaches of probability.

2.2 Probability Theorems: Addition and Multiplication (Proof not required).

2.3 Conditional probability and Bayes' Theorem (Proof not required).

2.4 Expectation and variance of a random variable. Business Applications.

2.5 Probability distributions:

(a) Binomial distribution: Probability distribution function, Constants, Shape, Fitting of binomial distribution.

(b) Poisson distribution: Probability function (including Poisson approximation to binomial distribution), Constants, Fitting of Poisson distribution.

(c) Normal distribution: Properties of Normal curve and computation of Probabilities.

Unit III: Simple Correlation and Regression Analysis

3.1 Correlation Analysis: Meaning and types of Correlation; Correlation Vs Causation; Pearson's co-efficient of correlation: computation and properties (proofs not required). Probable and standard errors; Rank correlation.

3.2 Regression Analysis: Principle of least squares and regression lines; Regression equations and estimation; Properties of regression coefficients; Relationships between Correlation and Regression coefficients; Standard Error of Estimate.

Unit IV: Index Numbers

4.1 Meaning and uses of index numbers; Construction of Index numbers: fixed and chain base, univariate and composite; Methods of constructing Index numbers: Aggregatives and average of relatives – simple and weighted.

4.2 Tests of adequacy of index numbers; Base shifting, splicing and deflating; Problems in the constructions of index numbers.

4.3 Construction and Utility of Consumer Price Indices; BSE SENSEX and NSE NIFTY.

Unit V: Time Series Analysis

5.1 Time Series Data; Components of time series; Additive and Multiplicative models.

5.2 Trend analysis; Fitting of trend line using principle of least squares – linear, second degree parabola and exponential; Shifting of Origin and Conversion of annual linear trend equation to quarterly/monthly basis and vice-versa; Moving averages.

5.3 Seasonal variations- Calculation of Seasonal Indices using Simple averages,

Ratio-to-trend and Ratio-to-moving averages methods; Uses of Seasonal Indices.

Practical Lab

The students will be familiarized with software (Commonly used Statistical Packages) and the statistical and other functions contained therein related to formation of frequency distributions and calculations of averages, measures of dispersion, correlation and regression co-efficients, CPI, BSE SENSEX & NSE NIFTY. This will be evaluated through internal assessment.

References

- Anderson, Sweeney and William. Statistics for Students of Economics and Business. Cengage
- Gupta, S.P. and Gupta, Archana. Statistical Methods. Sultan Chand and Sons, New Delhi.
- Levin, Richard, David S. Rubin, Rastogi, and Siddiqui. Statistics for Management, Pearson Education.
- Thukral, J.K., Fundamentals of Business Statistics, Self Published(2021).
- Vohra, N.D. Business Statistics, McGraw Hill.

Additional Resources:

1. Siegel, Andrew F., Practical Business Statistics, McGraw Hill Publishing Co.2.
2. Spiegel, M.D. Theory and Problems of Statistics, Schaum's Outline Series. McGraw Hill Publishing Co.

Note: Latest edition of text books may be used.

Teaching Learning Process

This course is well structured and sequenced attainment of knowledge and skills. It will constitute an important aspect of teaching learning process. The course would involve lectures, supported by group tutorials, computer lab practicals, open ended projects and self study.

Assessment Methods

The Assessment would include Theory examination of 75 Marks, Internal Assessment of 25 marks will include 10 marks for practical exam, 10 marks for class tests/assignments, and 5 marks for attendance. There shall be 4 Credit Hrs. for Lectures + one Credit Hr. (Two Practical Periods per week per batch) for Practical Lab + one credit Hr. for Tutorials (per group).

Keywords

Descriptive Statistics, Central Tendency, Dispersion, Skewness, Kurtosis, Moments, Correlation.

Semester - VI

Paper C-13: AUDITING AND CORPORATE GOVERNANCE

Course Objective:

To provide knowledge of corporate governance and auditing principles, procedures and techniques in accordance with current legal requirements and professional standards.

Course Learning Outcome

After completing the course, the student shall be able to:

CO1: differentiate between different aspects of auditing especially for internal check, internal control and for overall corporate governance.

CO2: understand the concept of corporate governance in organisations and its essence for management.

CO3: provide and assimilate information leading to failure of organisation and corporate scams.

CO4: comprehend the governance framework for an organisation provided by different regulatory bodies in India and Abroad.

CO5: recognise the essence of ethics in business.

Course Contents

Unit I: Auditing

Basic Principles and Techniques of Auditing; Classification of Audit, Audit Planning, Internal Control – Internal Check and Internal Audit; Role of Auditors in corporate governance; Peer review and Independent review of Audit; Public Company Accounting Oversight Board (PCAOB); National Financial Reporting Authority (NFRA).

Unit II: Corporate Governance

Corporate Governance: Meaning, significance and principles, Management and corporate governance; Theories and Models of corporate governance; Board structure and Independent director, board committees and their functions; shareholder activism and, proxy advisory firms., role of rating agencies Whistle blowing, , Class Action

Unit III: Major Corporate Governance Failures and International Codes

BCCI (UK), Maxwell Communication (UK), Enron (USA), World.Com (USA), Andersen, Worldwide (USA), Vivendi (France), Satyam Computer Services Ltd, Lehman Brothers, Kingfisher Airlines, PNB Heist and IL&FS Group Crisis; Common Governance Problems Noticed in various Corporate Failures; Codes and Standards on Corporate Governance: Sir Adrian Cadbury Committee 1992 (UK), OECD Principles of Corporate Governance and Sarbanes Oxley (SOX) Act, 2002 (USA).

Unit IV: Corporate Governance Framework in India

Initiatives and reforms- Confederation of Indian Industry (CII) (1997), Kumar Mangalam Birla (1999), NR Narayana Murthy Committee (2005) and UdayKotak Committee (2017).

Regulatory framework: Relevant provisions of Companies Act, 2013, SEBI: Listing Obligations and Disclosure Requirements Regulations (LODR), 2015.

Corporate Governance in public sector, banking, non- banking financial institutions.

Unit V: Business Ethics and Corporate Social Responsibility (CSR)

Business Ethics and Values; Importance of Ethics; Corporate Governance and Ethics; Ethical theories; Code of Ethics and ethics committee.

Concept of Corporate Social Responsibility; CSR and Corporate Sustainability, CSR and Business Ethics, CSR and Corporate Governance, CSR and Corporate Philanthropy; Environmental Aspect of CSR, Models and benefits of CSR, Drivers of CSR; CSR in India.

References

- Tricker, Bob.(2015) Corporate Governance-Principles, Policies, and Practice (Indian Edition). Oxford University Press, New Delhi.

- Sharma, J.P.(2016), Corporate Governance, Business Ethics, and CSR, Ane Books Pvt Ltd, New Delhi
- Kumar A., Gupta L. and R.J. Arora, Auditing and Corporate Governance, (2016), Taxmann Pvt Ltd.

Additional Resources

1. Mallin, Christine A.(2018), Corporate Governance (Indian Edition), Oxford University Press, New Delhi.
2. Rani, Geeta D., and R.K. Mishra, (2017) Corporate Governance- Theory and Practice, Excel Books, New Delhi.
3. Gupta, Kamal and Ashok Arora, (2015) Fundamentals of Auditing, Tata Mc-Graw Hill Publishing Co. Ltd., New Delhi.
4. Institute of Chartered Accountants of India, Auditing and Assurance Standards, ICAI, New Delhi.

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study the subject corporate governance and auditing. It includes lectures through presentations of corporate scams, expert lectures, case study approach is widely followed , role plays , seminars ,tutorials , project- based learning. Higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

Corporate Governance, Business Ethics and Corporate Social Responsibility (CSR), Auditing

Paper C-14: GOODS & SERVICES TAX (GST) AND CUSTOMS LAW

Course Objective:

To impart knowledge of principles and provisions of GST and Customs Law, the important legislation dealing with indirect tax system in India; and to enable the students to apply the same practically.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: connect with the genesis of goods and services tax (GST), decipher the constitutional amendment carried out to install GST in India and comprehend the composition and working of GST council.

CO2: understand the meaning of supply under GST law, differentiate between intra-state and inter-state supply, comprehend rules related to the place of supply and compute the value of supply.

CO3: comprehend the utilization of input tax credit, and the reverse charge mechanism of paying GST and to know the procedure for claiming refund under GST law.

CO4: understand the provisions for registration under GST along with special provisions such as those related to anti-profiteering; avoidance of dual control; e-way bills and penalties.

CO5: know the basic concepts of Customs Act and to compute the assessable value for charging customs duty.

Course Contents

Unit 1: Introduction

Constitutional framework of indirect taxes before GST (taxation powers of Union & State Government); Concept of VAT: meaning, variants and methods; Major defects in the structure of indirect taxes prior to GST; Rationale for GST; Structure of GST (SGST, CGST, UTGST & IGST); GST Council; GST Network; State compensation mechanism.

Unit 2: Levy and collection of GST

Taxable event- "Supply" of goods and services; Place of supply: intra-state, inter-state, import and export; Time of supply; Valuation for GST- valuation rules; Taxation of reimbursement of expenses; Exemption from GST: Small supplies and Composition scheme; Classification of goods and services: Composite and Mixed supplies.

Unit 3: Input Tax Credit

Eligible and ineligible input tax credit; Apportionments of credit and blocked credits; Tax credit in respect of capital goods; Recovery of excess tax credit; Availability of tax credit in special circumstances; Transfer of input credit (Input Service Distribution); Payment of taxes; Refund; Doctrine of unjust enrichment; TDS; TCS; Reverse Charge Mechanism; Job work.

Unit 4: Procedures and Special Provisions under GST

Registration; Tax Invoice; Credit and debit notes; Returns; Audit in GST; Assessment: Self- assessment; Summary and scrutiny; Taxability of e-Commerce; Anti-profiteering; Avoidance of dual control; e-way bills; Zero-rated supply; Offences and penalties; Appeals.

Unit 5: Customs Law

Basic concepts; Territorial waters; High seas; Types of custom duties; Valuation; Baggage rules & exemptions.

Note: In case of any subsequent notifications/amendments regarding GST or customs law by the government, the syllabus would be updated accordingly.

References

- Ahuja, Girish, Gupta Ravi, GST & Customs Law.
- Babbar, Sonal, Kaur, Rasleen and Khurana, Kritika. Goods and Service Tax (GST) and Customs Law. Scholar Tech Press.
- Bansal, K. M., GST & Customs Law, Taxmann Publication.
- Gupta, S.S. , GST- How to meet your obligations (April 2017), Taxmann Publications
- Gupta, S.S., Vastu and Sevakar, Taxmann Publications, 2017
- Sahi, Shilpi. Concept Building Approach to Goods & Service Tax, & Customs Laws.Cengage
- Singhania V. K , GST & Customs Lax, Taxmann Publication.
- Sisodia Pushpendra, GST Law, Bharat Law House.

Additional Resources

1. The Central Goods and Services Tax, 2017

2. The Constitution (One hundred and First Amendment) Act, 2016
3. The Goods and Services Tax (Compensation to States), 2017
4. The Integrated Goods and Services Tax, 2017
5. The Union Territory Goods and Services Tax, 2017
6. Vastu and Sevakar Vidhan, by Government of India

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching learning process would include classroom lectures to introduce students to the provisions of GST and customs law. This would be supplemented by case studies to enable an understanding of the practical aspects of GST and customs law. In addition, class presentations and class discussion to be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination and assignments. Further, class tests may be conducted to gauge the understanding of students regarding GST and customs and application of relevant tax provisions.

Keywords

State Compensation Cess, Job Work Way Bill, Inter State Spply, IGST, SGST, UTGST, CGST, GST Network

Paper: DSE-3 (anyone out of Group-C)

GROUP C	
a. Fundamentals of Investment	c. Business Tax Procedures and Management
b. Compensation Management	d. Consumer Affair and Customer Care

DSE Group C (a): FUNDAMENTALS OF INVESTMENT

Course Objective:

To familiarize the students with different investment alternatives, introduce them to the framework of their analysis, valuation and investor protection.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: explain investment environment and concept of return & risk.

CO2: understand bond valuation & role of credit rating agencies.

CO3: examine equity approaches.

CO4: analyze two securities portfolio using Harry Markowitz model, Calculating portfolio risk and return, explaining CAPM and evaluating Mutual Funds and Financial derivatives.

CO5: evaluate investors protection framework

Course Contents

Unit-I: The Investment Environment

The investment decision process. Types of Investment-Commodities, Real Estate and Financial Assets. The Indian securities market, the market participants and trading of securities, security market indices, sources of financial information. Return and Risk: Concept, Calculation, Trade-off between return and risk, Impact of taxes and inflation on return.

Unit-II: Bond Analysis

Bond Fundamentals, Estimating bond yields, Bond Valuation & Malkiel Theorems, bond risks and credit rating.

Unit-III: Approaches to Equity Analysis

Fundamental Analysis, Technical Analysis and Efficient Market Hypothesis, Valuation of Equity Shares using Dividend Discount model and P/E ratio model.

Unit-IV: Portfolio Analysis and Financial Derivatives

Harry Markowitz model of Portfolio Analysis and Diversification, CAPM model. Portfolio Risk and Return, Mutual Funds, overview of Financial Derivatives- Forwards, Future & Options.

Unit-V: Investor Protection

Role of SEBI and stock exchanges in investor protection; Investor grievances and their redressal system, insider trading, investors' education and awareness.

Practical

Spreadsheet is the recommended software for doing basic calculations in finance and hence can be used for giving students subject related assignments for their internal assessment purposes.

References

- Jones, C.P., Investment Analysis and Management. Wiley.
- Mayo., An Introduction to Investment. Cengage Learning.
- Rustagi, R.P., Investment Management. Sultan Chand, New Delhi.
- Sharma, S.K. and Kaur, Gurmeet, Fundamentals of Investments, Sultan Chand & Sons.
- Singh, Y.P. "Fundamentals of Investment Management". Galgotia Publications
- Tripathi, Vanita (2019), Fundamentals of Investments. Taxmann. Publications.

Additional Resources:

1. Videos of Eugene Fama on the history of Finance.
2. Vohra, N.D., and Bagri, Future and Options. McGraw Hill Publishing

Note: The latest edition of text books may be used.

Teaching Learning Process

As the course is designed to familiarize the students with different investment alternatives, introduce them to the framework of their analysis, valuation and investor protection the teaching learning process will be based on lectures, seminars, workshops, project work and cases studies

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination

Keywords

Investments, Bonds, Equity, Portfolio, Diversification, Investor Protection, Financial Derivatives.

DSE Group C (b): COMPENSATION MANAGEMENT

Course Objective:

To acquaint students with various aspects of compensation management while meeting its three aims of attracting, motivating and retaining employees.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: acquaint with basic legal framework envisaged under the statutes for compensation and welfare of employees in different modes.

CO2: identify the internal and external environmental factors that have an impact on pay structure of an organisation.

CO3: understand the various principles involved and premise of the grant of bonus, wages, and minimum wages to workers.

CO4: understand international compensation rules to meet requirement of overseas workforce.

CO5: know various compensation laws to meet employee satisfaction.

Course Contents

Unit I: Introduction to Compensation Management

Concept and principles; Consequences of pay dissatisfaction; Job grading, broad banding and job design.

Unit II: Foundations of Compensation

Theories of compensation; Executive compensation; Challenges of compensation design; Developing strategic compensation alternatives; Compensation policies in India.

Unit III: Components of Compensation

Basic pay, dearness allowance, fringe benefits, incentive wage plans (individual, group, organisation wide), employee stock ownership, retirements benefits– (pension, gratuity, provident fund); Impact of collective bargaining and negotiation skills on compensation.

Unit IV: International Compensation Management

Types of overseas employment, kinds of overseas workforce, components of expatriate compensation, approaches to international compensation.

Unit V: Compensation Laws

I. **Wages and bonus:** The Payment of Wages Act, 1936; The Minimum Wages Act, 1948; The Payment of Bonus Act, 1965.

II. **Social security:** The Workmen's Compensation Act, 1923; The Employees' State Insurance Act, 1948; The Employees' Provident Funds & Miscellaneous Provisions Act, 1952; The Maternity Benefit Act, 1961; The Employees' Family Pension Scheme, 1995.

References

- Armstrong, M. And Murlis, H. Reward Management. Kogan Page.
- Chhabra T. N. and Rastogi, S. Compensation Management. Sun India
- Dunn, J. D. and Stephens, E. C. Management of Personnel. Mcgraw, NY
- Dwivedi, R.S. Managing Human Resources. Galgotias publishing house.
- Milkovich, G. T. & Newman, J. M. Compensation. Irvin.
- Venkataraman, C.S and Srivastava, B. K. Personnel Management & Human Resources. Tata Mc Graw Hill.

Note: Latest edition of readings may be used

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group discussions to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Compensation Theories, Wages and Bonus, Expatriate Compensation, Compensation Laws, Fringe Benefits, Collective Bargaining.

DSE Group C (c): BUSINESS TAX PROCEDURE AND MANAGEMENT

Course Objective:

To provide knowledge of provisions pertaining to income tax procedures with a view to equip students with effective tax management skills.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: know the schedule for the payment of tax in advance, understand the provisions for deduction of tax at source and compute the tax interest and fee payable to / by government.

CO2: understand the procedure of assessment and filing of appeals.

CO3: know penalties for offences related to income tax, provisions relating to undisclosed income, and provisions of search and seizure.

CO4: understand the concept of GAAR and conditions for levy of Securities Transaction Tax.

CO5: know Information Technology network of Income Tax Department and learn about various Income Tax authorities and their powers.

Course content

Unit 1

Advance payment of Tax; Tax deduction/collection at source; Documentation, returns, Certificates Interest payable by assessee/government; Collection and recovery of Tax

Unit 2

Assessment, re-assessment, rectification of mistakes; Appeals and revisions; Preparation and filing of appeals with appellate authorities; Drafting of appeal; statement of facts and statement of law

Unit 3

Penalties and Prosecutions: Provisions relating to undisclosed income/ investment (Sections 68,69A,69B,69C,69D); Settlement Commission; Search, seizure and survey

Unit 4

Transactions with persons located in notified jurisdictional area; General anti-avoidance rule; Tax clearance certificate; Securities transaction tax

Unit 5

Information Technology and Tax administration; Income Tax authorities; TAN (Tax Deduction and Collection Account Number); TIN (Tax Information Network)

References

- Ahuja, Girish., and Gupta. Ravi. Systematic Approach to Income Tax. Bharat Law House. Delhi.
- Ahuja. Girish. and Gupta. Ravi. Corporate Tax Planning and Management. Bharat Law House, Delhi.

- Bajpai. Om Shanker. Search. Seizure and Survey. Taxmann Publications Pvt. Ltd., New Delhi.
- Singhania. Vinod K. and Singhania. Monica. Corporate Tax planning. Taxmann Publications Pvt. Ltd., New Delhi.

Additional Sources

1. Current Tax Reporter. Jodhpur
2. Income Tax Reports. Company Law Institute of India Pvt. Ltd., Chennai.
3. Corporate Professionals Today. Taxman. New Delhi.

Note: Latest edition of text books may be used.

Teaching Learning Processes

The teaching learning process would include classroom lectures to introduce students to the provisions pertaining to income tax procedures. This would be supplemented by case studies to enable an understanding of the application of these procedures. In addition, class presentations and class discussion to be included in the teaching learning process.

Assessment Methods

The assessment methods would include end semester examination and assignments. Further, class tests may be conducted to gauge the understanding of students regarding business tax procedures and their application.

Keywords

Advance Tax, Tax Collection At Source, Interest, Recovery, STT, Assessment, Appeals, Income Escaping Tax.

Group C (d): CONSUMER AFFAIRS & CUSTOMER CARE

Course Objective:

This paper seeks to familiarize the students with their rights and responsibilities as a consumer within the social and legal framework of protecting the consumers in India. It also provides an understanding of the mechanism available for address of consumer complaints and the role played by different agencies in establishing product and service standards. The student should be able to comprehend the business firms' interface with consumers and the related regulatory and business environment.

Course Learning Outcomes

After completing the course, the student shall be able to:

- CO1: understand the importance of consumer buying process and to identify the ethical and legal issues in advertisements and in packaging.
- CO2: learn how to pursue the consumer rights under consumer protection act 1986.
- CO3: understand the procedure of filing a complaint.
- CO4: analyse the role of industry regulators in consumer protection.
- CO5: comprehend the hearings, enquiry and appeal provisions.

Course Contents

Unit I Introduction

Experiencing and Voicing Dissatisfaction: Concept of Consumer, Consumer buying process and Post-Purchase behaviour, Factors affecting voicing of consumer grievances, Alternatives available to Dissatisfied Consumers: Private action and Public Action; Conciliation and Intermediation for out-of-court Redressal.

Consumer and Markets: Nature of markets: online and offline, urban and rural;

Concept of Price in Retail and Wholesale, Maximum Retail Price (MRP), Fair Price, Grey Market, GST, ethical and legal aspects of misleading advertisements and deceptive packaging; Concept of Consumerism, Consumer Organisations: Formation, functioning, and their role in consumer protection. Recent Developments in consumer protection in India.

Unit II The Consumer Protection Act (CPA), 1986

Objectives and Basic Concepts: Consumer rights and UN Guidelines on consumer protection, Consumer, goods, defect in goods, spurious goods and services, service, deficiency in service, unfair trade practice, restrictive trade practice.

Organisational set-up under the Consumer Protection Act: Advisory Bodies: Consumer Protection Councils at the Central, State and District Levels; Adjudicatory Bodies: District Forums, State Commissions, National Commission: Their Composition, Powers, and Jurisdiction (Pecuniary and Territorial), Role of Supreme Court under the CPA with important case law.

Unit III: Grievance Redressal Mechanism under the CPA, 1986

Filing and handling of Complaints: Who can file a complaint; Grounds of filing a complaint; Limitation period; Procedure for filing and hearing of a complaint; Disposal of cases; Relief/Remedy available; Temporary Injunction; Enforcement of order; Appeal; Frivolous and vexatious complaints; Offences and penalties.

Leading Cases decided under Consumer Protection law by Supreme Court/National Commission: Medical Negligence; Banking; Insurance; Housing & Real Estate; Electricity Supply; Telecommunication; Education; Defective Products; Unfair Trade Practices.

Unit IV: Consumer Protection in India

Quality and Standardisation: Voluntary and Mandatory standards; Indian Standards Mark (ISI), Ag-mark, Hallmarking, Consumer Grievance Redressal under the BIS Act, 2016; ISO 10000 suite.

Industry Regulators and Consumer Complaint Redressal Mechanism

Banking Ombudsman; Insurance Ombudsman; Telecommunication: TRAI; Food Products: FSSAI; Advertising Standard Council of India; Real Estate Regulatory Authority.

Unit V: Competition Act, 2002

Objectives and basic concepts: Consumer, goods, service; Prohibition of anti-competitive agreements; Prohibition of Abuse of Dominant Position; Regulation of Combination; Composition and Powers of Competition Commission of India, Complaints and Procedures For Investigation, Hearings and Enquiry and Appeal Provisions.

Note: Unit 2 and 3 refers to the Consumer Protection Act, 1986. Any change in law would be added appropriately after the new law is notified

References

- Aggarwal V. K. (2018) Consumer Protection: Law and Practice, Bharat Law House, Delhi
- Kapoor Sheetal, (2019) Consumer Affairs and Customer Care, 2nd Edition, Galgotia Publishing Company
- Rajya Laxmi Rao, (2012) Consumer is King, 3rd Ed. Universal Law Publishing Company
- Sharma, Deepa, (2011) Consumer Protection and Grievance-Redress in India (LAP LAMBERT, Germany)

Additional Resources

1. Choudhary, R. N. (2005) Consumer Protection: Law and Practice. 5th Ed. Bharat Law House, Delhi.
2. Consumer Voice Magazine
3. The Bureau of Indian Standards, 2016
4. The Competition Act, 2002
5. The Consumer Protection Act, 1986
6. The Food Safety and Standards Act, 2005
7. E-books :- www.consumereducation.in
8. Empowering Consumers e-book, www.consumeraffairs.nic.in
9. www.bis.org
10. www.delhistatecommission.nic.in
11. www.ncdrc.nic.in

Note: Latest edition of readings may be used

Teaching Learning Process

All the relevant cases and updated important judgements alongwith e-resources shall be used in lectures to explain the different concepts on the Consumer Protection Act, 1986, method of filing a complaint, provisions of the Consumer Protection Act, 1986.

Assessment Methods

Presentation/project, Tests, quizzes and role playing techniques may be used.

Keywords

Consumer Affairs, Customer Care

Paper: DSE-4 (anyone out of Group-D)

GROUP D	
a. Financial Reporting and Analysis	c. Project Management & Techniques
b. Banking and insurance	d. International Business
e. Industrial Relations and Labour Laws	

DSE Group D (a): FINANCIAL ANALYSIS AND REPORTING

Course Objective:

This develops an ability to understand, analyze and interpret the basic framework of financial reporting.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: describe the conceptual framework of financial reporting have an understanding the components of financial statements

CO2: identify major disclosures to be made in the annual report by the listed companies

CO: explain techniques of analysis of financial statements

CO4: analyze and interpret financial statements of companies using the case study method

CO5: gain understanding of emerging areas in financial reporting - Accounting for E-commerce business, value added statements and Integrated Reporting

Course Contents

Unit-1: Introduction

Concept and objectives of financial reporting, Users of financial reports, Conceptual Framework for financial reporting, Understanding financial statements of a Joint Stock Company : Balance sheet, Statement of Profit and Loss, Cash Flow statement, Statement of changes in Equity, Notes to the accounts, Significant accounting policies, Accounting Standards, Converged Indian Accounting Standards (Ind AS) relevant to the financial statements

Unit-2: Disclosures

Disclosures under Companies Act, 2013, Accounting Standards, Securities Exchange Board of India (SEBI) – in annual reports and company website

Unit-3: Analysis of Financial Statements – Techniques

Comparative financial statements, Common Size Financial Statements, Ratio Analysis, Cash Flow Analysis, Trend Analysis.

Unit-4: Analysis of Financial Statements – A Case Study

Intra-firm and inter-firm comparison of any three listed companies from any sector/industry for a period of five years using the spread sheet, Use of Ratio analysis, Industry Averages, Growth rates, CAGR, Z-score etc. in the analysis

Unit-5: Emerging Trends in Reporting

Accounting for E-commerce business – Introduction, elements of e-commerce transactions, business models, classification of e-commerce websites, revenue recognition and measurement of costs, Indian Accounting Standard and its implication on E-Commerce companies

Integrated Reporting – Meaning, Purpose, Salient features of framework, the Capitals and Value creation

Value Added Statement

References

- Bhattacharya, K Ashish. Corporate Financial Reporting and analysis. PHI learning, Delhi.
- Gupta, Ambrish, Financial Accounting for Management: An Analytical Perspective, Pearson Education, Delhi.
- Lal, Jawahar & Sucheta, Gauba, Financial Reporting and Analysis. Himalaya Publishing House, Mumbai.
- Sapra, Ritu, Kaur, Kamaldeep & Chawla Kanika. Financial Reporting and Analysis. Wisdom Publications, Delhi.

Additional Resources

1. George J. Benston et al, World Financial Reporting, Oxford University Press.
2. Gibson, C. H., Financial reporting and analysis. Nelson Education.
3. Lawrence Revsine, Daniel W. Collins, W. Bruce Johnson, H. Fred Mittelstaedt. Financial Reporting and Analysis. McGraw Hill Education
4. R.K. Mautz and William G. May, Financial Disclosure in a Competitive Economy, Financial Executive Research Foundation, USA.

Websites /Journals as recommended in the class.

Notes: Latest Accounting Standards to be followed

Teaching Learning Process

The teaching learning process would include classroom lectures to be supplemented by case studies. In addition, class presentations and class discussion to be included.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester

examination

Keywords

Ratio Analysis, Financial Disclosures, Integrated Reporting, Reporting for E commerce business

DSE Group D (b): BANKING & INSURANCE

Course Objective:

To impart knowledge about the basic principles of the banking and insurance.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the meaning and scope of Banking with functions of Banks and their role into banking

CO2: familiarize with regard to operations of Banking and various services and benefits.

CO3: develop insights on lending operations of banking and causes of NPA into banking sector.

CO4: acquaint with the concept of Insurance through functions and fundamental principles of Insurance.

CO5: understand the types of Insurance and Regulatory framework of Insurance.

Unit I: Origin of Banking

Definition and function of banks, banker and customer relationship, general and special types of customers.

Types of Deposits: Types of banks in India; Role of Foreign Banks in India; Advantages and Disadvantages of Foreign banks, Road Map for Foreign Banks in India; India's approach to Banking Sector reforms; Achievements of financial sector reforms and areas of concern, Credit Allocation Policies of Commercial banks, Credit Market Reforms.

Unit II: Operations of Banking

Cheque: definition, features and types of cheque; Endorsement: meaning and essentials of a valid endorsement, types of endorsement; Era of Internet Banking and its benefits, Mobile Banking, Home banking, Virtual Banking, Electronic Clearing System (ECS), Epayments, Electronic Fund Transfer (EFT), E-money, Safeguard for internet banking, Critical comparison of traditional banking methods and e-banking; Balance Sheet of a Bank, special items of a Balance Sheet, off Balance Sheet Items; Anti-money Laundering Guidelines.

Unit III: Loans and Advances

Principles of sound lending, Types of loans and advances, Advances against various securities; Securitization of Standard Assets and it's Computation; Basel Accord: merits and weaknesses of the Basel II, Basel III; NPA: Meaning, causes, computation, assessment and Impact of NPAs on Banking Sector, Insolvency and Bankruptcy Code 2016; objectives & features.

Unit IV: Concept of Insurance

Characteristics, Functions of Insurance, Fundamental Principles of Insurance: Indemnity, Insurable Interest, Utmost Good faith, Proximate Cause, Contribution, Subrogation, Economic Function; Reinsurance and Co-insurance: features, objectives, methods; Bancassurance: features, merits.

Unit V: Life and Non-Life Insurance

Types of Insurance, Life and Non-Life: Features, needs, policies of different types of

Insurance, Control of Malpractices and Misselling, Negligence, Loss Assessment and Loss control, Computation of Insurance Premium, Dematerialisation of Insurance Policies; Regulatory Framework of Insurance: IRDA Act 1999; Objectives of IRDA, Composition of IRDA, Duties, Powers and Functions of IRDA; Role of IRDA: Delegation of Powers, establishment of Insurance Advisory Committee, Power to make Regulations.

References

- Mishra, M.N. Principles and Practices of Insurance. Sultan Chand and Sons
- Suneja, H.R. Practical and Law of Banking. Himalaya Publishing House

Additional Resources:

1. Gupta, P.K. Insurance and Risk Management. Himalaya Publishing House
2. Agarwal, O.P. Banking and Insurance. Himalaya Publishing House
3. Jr.Black, Kenneth & Jr. Skipper, Harold. Life and Health Insurance. Pearson Education
4. Vaughan, E.J. and Vaughan, T. Fundamentals of Risk and Insurance. Wiley & Sons

Note: Latest edition of text books may be used.

Teaching Learning Process

As the course is designed To impart knowledge about the basic principles of the banking and insurance, the teaching learning process will be based on lectures, seminars, workshops, project work and cases studies

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination.

Keywords

Banking, Insurance, Bank Deposits, Types of Banks, NPA's, Life and Non-Life Insurance, Regulatory Framework of Insurance.

DSE Group D (c): PROJECT MANAGEMENT AND TECHNIQUES

Course Objective:

To enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: explain the concept and attributes of projects, project management system, process and its principles

CO2: perform technical feasibility, marketing feasibility and commercial viability using NPV, and further to understand tax and legal aspects of a project.

CO3: analyse project appraisal in public & private sector and estimate shadow prices and social discount rate.

CO4: examine project risk and performance assessment.

CO5: evaluate project management techniques using case studies.

Course Contents

Unit I: Introduction

Concept and attributes of Project, Identification of Investment opportunities, Project life cycle, Role of Project Manager, Project Management Information System, Project Management Process and Principles, Relationship between Project Manager and Line Manager, Project Stakeholder Analysis. Project Planning, Monitoring and Control of Investment Projects. Pre-Feasibility study.

Unit II: Project Preparation

Technical Feasibility, Marketing Feasibility, Financial Planning: Estimation of Costs and Funds (including sources of funds), Loan Syndication for the Projects, Demand Analysis and Commercial Viability (brief introduction to NPV), Project budget, Collaboration Arrangements, Tax considerations and legal aspects.

Unit III: Project Appraisal

Business Criterion of Growth, Liquidity and Profitability, Social Cost Benefit Analysis in Public and Private Sector, Investment Criterion and Choice of techniques, Estimation of Shadow prices and Social discount rate

Unit IV: Project Risk and Performance Assessment

Project Risk Management- Identification, Analysis and Reduction, Project quality management, Project Performance Measurement and Evaluation, Project Report, Project Closure and Audit.

Unit V: Issues in Project Planning and Management, Techniques & Case Studies

Cost and Time Management issues in Project Planning and Management. Techniques (PERT & CPM). Two Case Studies.in Project Management

References

- Chandra. Prasanna. Project Preparation, Appraisal and Implementation. Tara McGraw Hill.
- Gido, Jack,. And Clements, James P. Project Management. Cengage Learning.
- Gray, Clifford F., Larson, Eric W., and Desai, Gautam V. Project Management: The Managerial Process. McGraw Hill Education.

Additional Resources

1. Barker, Stephen.and Cole, Rob. Brilliant Project Management, Pearson.
2. Kharua, Kitangshu. Project Management and Appraisal. Oxford Press University.

Note: Latest Editions of the text books may be used.

Teaching Learning Process

As the course is designed to enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects, the teaching learning process will be based on lectures/seminars and project work.

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination

Keywords

Project Management, Project Techniques, Project Appraisal, Project Risk, Project Report

DSE Group D (d): INTERNATIONAL BUSINESS

Course Objective:

This course aims to introduce students to the international business, trading and

financial environment. Students are also expected to understand the basic features of the foreign exchange market and types of exchange rates. The course also creates awareness about emerging issues such as outsourcing and environmental sustainability in the context of international business.

Course learning outcomes

After completing the course, the student shall be able to:

CO1: understand the process of globalization, its impact on the evolution and growth of international business and to appreciate the changing dynamics of the diverse international business environment.

CO2: analyze the theoretical dimensions of international trade and intervention measures adopted; to appreciate the significance of different forms of regional economic integration and to understand the concept of Balance of payment account and its components.

CO3: understand the significance of different forms of regional economic integration and to appreciate the role played by various international economic organisations such as the WTO, UNCTAD, IMF and World Bank.

CO4: familiarize students with the international financial environment, and get them acquainted with the basic features of the foreign exchange market – its characteristics and determinants.

CO5: critically examine the concept and form of foreign direct investment, and to create awareness about emerging issues in international business such as outsourcing and ecological issues.

Course Contents

Unit 1

Introduction to International Business: Globalization and its growing importance in the world economy; Impact of Globalization; International business contrasted with domestic businesses – complexities of international business; Internationalization stages and orientations; Modes of entry into International businesses.

International Business Environment: Economic, demographic, cultural and political-legal environment

Unit 2

International Trade: Theories of International trade - Absolute advantage theory, Comparative advantage theory, Factory proportion theory and Leontief paradox, Product life cycle theory, National competitive advantage theory; Tariff and Non-Tariff Barriers.

BOP- Balance of payment account and its components

Unit 3

Regional Economic Integration: Forms of regional integration; Integration efforts amongst countries in Europe, North America and Asia: EU, NAFTA and SAARC; Cost and benefits of regional economic integration.

International Economic Organisations: WTO, UNCTAD, World Bank and IMF

Unit 4

International Financial Environment: Foreign exchange markets, Spot market, spot rate quotations, bid-ask spreads, trading in spot markets, cross exchange rates, forward markets, forward rate, long and short forward positions, forwards premium and discount; Arbitrage, Hedging and Speculation; Types of exchange rate systems – fixed and floating, soft peg, crawling peg, free float, managed float; Foreign exchange risk and exposure

Exchange rate Determination: Types of Exchange rates, Factors affecting exchange

rate- relative inflation rates, interest rates, relative interest rates, relative income levels, government controls, expectations.

Unit 5

Foreign Direct Investment: Types of FDI - Greenfield investment, Brownfield investments, Mergers & Acquisition, Strategic alliances; Benefits and drawbacks of FDI

Developments and Issues in International Business: Outsourcing and its potential for India; International Business & Ecological considerations.

References

- Bennett, Roger. International Business, Delhi: Pearson
- Charles, W L Hill and Jain, Arun Kumar, International Business, New Delhi: Tata McGraw Hill
- Daniels John. D. Lee H. Radenbaugh and David P Sullivan. International Business, Pearson Education.
- Griffin, Ricky W and Michael W Pustay- International Business-A Managerial Perspective Prentice Hall
- Michael R. Czinkota, et al. International Business. Fortforth. The Dryden Press.
- Menipaz, E., Menipaz A. and Tripathi S.S. International Business : Theory and Practice. New Delhi. Sage Publications India Pvt. Ltd. Note: Latest edition of the text books may be used.

Additional Resources

1. Economic Survey, various issues
2. RBI Report on Currency & Finance, various issues.
3. UNCTAD Reports
4. Websites: RBI, IMF, WORLD BANK, WTO.
5. WTO Annual report, various reports

Note: Latest edition of readings may be used

Teaching Learning Process

It is recommended that the pedagogy should be a combination of classroom lectures, case studies, presentations and class discussion.

Assessment Methods

Students should be assessed on the basis of a continuous evaluation system consisting of class participation, assignments, class tests and end semester exam.

Keywords

Globalization, International Business Environment, International Trade, Balance of payments, Regional Economic Integration, WTO, IMF.

DSE Group D (e): INDUSTRIAL RELATIONS AND LABOUR LAWS

Course Objective:

To enable the students to learn the concepts of industrial relations including trade unions, collective bargaining, discipline and various labour enactments.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand evolution of industrial relations and its significance in managerial world.

CO2: imbibe how to interact, negotiate and transact with trade unions.

CO3: acquaint with the basic framework of collective bargaining and workers' participation. CO4: design and understand the discipline measures and address grievance mechanisms.

CO5: understand the legal structure provided for grievance handling under the Industrial Disputes Act 1947.

Course Contents

Unit I: Industrial Relations (IR)

Concept of Industrial Relations; Nature of Industrial Relations; Objectives of IR; Factors affecting IR in changing Environment, Evolution of IR in India; Role of State; Trade Union; Employers' Organisation; Human Resource Management and IR Role of ILO in Industrial Relations, International Dimensions of IR. Concept of GIG Economy and ramifications for industrial relations.

Unit II: Trade Union

Trade Union: Origin and growth, unions after Independence, unions in the era of liberalisation; Factors Affecting Growth of Trade Unions in India, Multiplicity & Recognition of Trade Unions; Major Provisions of Trade Union Act 1926

Unit III: Collective Bargaining and Workers' Participation in Management

Collective Bargaining: Meaning, Nature, Types, Process and Importance of Collective Bargaining, pre-requisites, issues involved; Status of Collective Bargaining in India, Functions and role of Trade Unions in collective bargaining

Workers' Participation in Management: Concept, practices in India, Works Committees, Joint management councils; Participative Management and co-ownership; Productive Bargaining and Gain Sharing

Unit IV: Discipline and Grievance Redressal

Discipline: Causes of indiscipline, Maintenance of discipline. Misconduct; Highlights of domestic enquiries; Principle of Natural Justice; Labour turnover; Absenteeism; Grievance: Meaning of Grievance, Grievance redressal machinery in India, Grievance handling procedure; salient features of Industrial Employment (Standing orders) Act 1946

Unit V: Labour Laws

The Industrial Disputes Act, 1947: Definitions of Industry, workman, and Industrial Dispute; Authorities under the Act: Procedure, Powers and Duties of Authorities; Strikes and Lock outs: Lay-off and Retrenchment: Provisions relating to Layoff, Retrenchment, and closure The Factories Act, 1948: Origin, Growth and Objectives , Provisions relating to Health, Safety, Welfare facilities, working hours, Employment of young persons, Annual Leave with wages

References

- Katz, Harry., Kochan, Thomas A., & Colvin, A. J.S. (2007) An Introduction to Collective Bargaining and Industrial Relations, McGraw Hill Companies.
- Padhi, P K, (2017), Industrial Relations, Prentice Hall India
- Sharma, J.P. (2018), Simplified Approach to Labour Laws. Bharat Law House (P) Ltd.
- Venkat Ratnam, (2018) C.S. Industrial Relations: Text and Cases, Oxford University Press, Delhi.

Additional Resources

1. Farnham., and Limlott, J. (1993) Understanding Industrial Relations Cassell.
2. Salamon, M. (2001), .Industrial Relations: Theory & practice. Pearson higher

Education.

Note: Latest edition of readings may be used

Teaching Learning Process

The teaching -learning processes play a vital role in instilling in the student the curiosity to study the subject law. It includes lectures through presentations of case laws, expert lectures, case study approach is widely followed , role plays , seminars , tutorials , project- based learning. Case laws comprehension and higher-order skills of reasoning and analysis will be encouraged through teaching strategies.

Assessment Methods

The assessment methods of this course are properly aligned with teaching learning processes and anticipated learning outcomes. It includes oral and written tests, case presentations, peer evaluation, problem solving exercises, observation of practical skills through case laws and viva voce interviews.

Keywords

The Industrial Disputes Act, 1947, The Factories Act, 1948, Discipline and Grievance Redressal

SYLLABUS: B.A. (Hons.) Economics

SEMESTER I

Paper: ENVIRONMENTAL STUDIES/ COMMUNICATION (A/B) (ENGLISH/HINDI)*

Please refer to Page No. 125 for details of ENVIRONMENTAL STUDIES/ COMMUNICATION (A/B) (ENGLISH/HINDI)

Paper: Core Economics Course 1: Mathematical Methods for Economics I

Course Objective

This is the first of a compulsory two-course sequence. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of sophistication at which the material is to be taught is indicated by the contents of the prescribed textbook.

Course Learning Outcomes

The course hones and upgrades the mathematical skills acquired in school and paves the way for the second semester course Mathematical Methods in Economics II. Collectively, the two papers provide the mathematical foundations necessary for further study of a variety of disciplines including economics, statistics, computer science, finance and data analytics. The analytical tools introduced in this course have applications wherever optimisation techniques are used in business decision-making. These tools are necessary for anyone seeking employment as an analyst in the corporate world. The course additionally makes the student more logical in making or refuting arguments.

Unit 1

Preliminaries Logic and proof techniques; sets and set operations; relations; functions and their properties; number systems

Unit 2

Functions of one real variable Graphs; elementary types of functions: quadratic, polynomial, power, exponential, logarithmic; sequences and series: convergence, algebraic properties and applications;

Continuous functions: characterisations, properties with respect to various operations and applications;

Differentiable functions: characterisations, properties with respect to various operations and applications; Second and higher order derivatives: properties and applications

Unit 3

Single-variable optimization Geometric properties of functions: convex functions, their characterisations and applications; local and global optima: geometric and calculus-based characterisations, and applications

Unit 4

Linear algebra Vector spaces: algebraic and geometric properties, scalar products, norms, orthogonality; linear transformations: properties, matrix representations and elementary operations; systems of linear equations: properties of their solution sets; determinants: characterization, properties and applications

References

1.Sydsaeter, K., Hammond, P. (2002). Mathematics for economic analysis. Pearson Educational.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Sets, functions, continuity, differentiability, vector space, linear mappings

Paper: Core Economics Course 2: Introductory Microeconomics

Course Objective

This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real life situations.

Course Learning Outcomes

The course introduces the students to the first course in economics from the perspective of individual decision making as consumers and producers. The students learn some basic principles of microeconomics, interactions of supply and demand, and characteristics of perfect and imperfect markets.

Unit 1

Introduction

What is microeconomics? Scope and method of economics; the economic problem: scarcity and choice; the concept of opportunity cost; the question of what to produce,

how to produce and how to distribute output; science of economics; institutions for allocating resources; the basic competitive model; prices, property rights and profits; incentives and information; rationing; positive versus normative analysis.

The scientific method; the role of assumptions; models and mathematics; why economists sometimes disagree

Interdependence and gains from trade; specialization and trade; absolute advantage; comparative advantage and trade

Unit 2

Supply and demand: How markets work, markets and welfare Markets and competition; determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; how prices allocate resources; elasticity and its application; controls on prices; taxes and the costs of taxation; consumer surplus; producer surplus and the efficiency of the markets

Application to international trade; comparison of equilibria with and without trade, the winners and losers from trade; effects of tariffs and quotas; benefits of international trade; some arguments for restricting trade

Unit 3

The Households The consumption decision - budget constraint, consumption and income/price changes, demand for all other goods and price changes; description of preferences (representing preferences with indifference curves); properties of indifference curves; consumer's optimum choice; income and substitution effects; labour supply and savings decision; choice between leisure and consumption

Unit 4

The firm and perfect market structure Behaviour of profit maximizing firms and the production process; short-run costs and output decisions; costs and output in the long-run

Unit 5

Imperfect Market Structure Monopoly and anti-trust policy; government policies towards competition; imperfect competition

Unit 6

Input Markets Labour and land markets: Basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; labour markets and public policy.

References

1. Bernheim, B., Whinston, M. (2009). Microeconomics. Tata McGraw-Hill.
2. Mankiw, N. (2007). Economics: Principles and applications, 4th ed. Cengage Learning.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Supply, demand, elasticity, consumer behaviour, firm behaviour, perfect and imperfect markets

Paper GE-1(A): Basics of Accounting or Business Organisation and Management

*Please refer to Page No. 137 for details of Basics of Accounting or Business Organisation and Management

Paper GE-1(B) THE INDIVIDUAL AND SOCIETY

*Please refer to Page No. 140 for details of The Individual and Society

Paper GE-1(C): CALCULUS

*Please refer to Page No. 141 for details of Calculus

Paper GE-1(D): हिंदी सिनेमा

*Please refer to Page No. 143 for details of हिंदी सिनेमा

Paper GE-1(E): POLITICS OF GLOBALIZATION

*Please refer to Page No. 144 for details of Politics of Globalization

Paper GE-1(F): Yoga and Stress Management

*Please refer to Page No. 146 for details of Yoga and Stress Management

SEMESTER II

**Paper: ENVIRONMENTAL STUDIES/ COMMUNICATION
(ENGLISH/HINDI)***

Please refer to Page No. 125 for details of ENVIRONMENTAL STUDIES/ COMMUNICATION (ENGLISH/HINDI)

**Paper: ECONOMICS CORE COURSE 3: Mathematical Methods for
Economics II**

Course Objective

This course is the second part of a compulsory two-course sequence. This part is to be taught in Semester II following the first part in Semester I. The objective of this sequence is to transmit the body of basic mathematics that enables the study of economic theory at the undergraduate level, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics set out in this syllabus. In this course, particular economic models are not the ends, but the means for illustrating the method of applying mathematical techniques to economic theory in general. The level of sophistication at which the material is to be taught is indicated by the contents of the prescribed textbook.

Course Learning Outcomes

The course provides the mathematical foundations necessary for further study of a variety of disciplines including postgraduate economics, statistics, computer science, finance and data analytics. The analytical tools introduced in this course have applications wherever optimization techniques are used in business decision-making for managers and entrepreneurs alike. These tools are necessary for anyone seeking employment as an analyst in the corporate world.

Unit 1

Functions of several real variables Geometric representations: graphs and level curves; differentiable functions: characterisations, properties with respect to various operations and applications; second order derivatives: properties and applications; the implicit function theorem, and application to comparative statics problems; homogeneous and homothetic functions: characterisations and applications

Unit 2

Multivariate optimization Convex sets; geometric properties of functions: convex functions, their characterisations, properties and applications; further geometric properties of functions: quasiconvex functions, their characterisations, properties and applications; unconstrained optimisation: geometric characterisations, characterisations using calculus and applications; constrained optimisation with equality constraints: geometric characterisations, Lagrange characterisation using calculus and applications; properties of value function: envelope theorem and applications

Unit 3

Linear programming Introduction, graphical solution, matrix formulation, duality, economic interpretation

Unit 4

Integration, differential equations, and difference equations Definite integrals, indefinite integrals and economic applications; first order difference equations, equilibrium and its stability; first order differential equations, phase diagrams and stability

References

1. Sydsaeter, K., Hammond, P. (2002). Mathematics for economic analysis. Pearson Educational.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Functions of several real variables, multivariate optimisation, linear programming, integration, differential equations, and difference equations

Paper: ECONOMICS CORE COURSE 4: INTRODUCTORY MACROECONOMICS

Course Objective

This is the first module in a three-module sequence that introduces students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, savings, investment, money, inflation, and the balance of payments. It also introduces students to simple analytical frameworks (e.g., the IS-LM model) for determination of equilibrium output.

Course Learning Outcomes

This course aims to develop the broad conceptual frameworks which will enable students to understand and comment upon real economic issues like inflation, money supply, GDP and their interlinkages. It will also allow them to critically evaluate various macroeconomic policies in terms of a coherent logical structure.

Unit 1

Introduction to macroeconomics and national income accounting Basic issues studied in macroeconomics: Measurement of gross domestic product; income,

expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts

Unit 2

Money Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy

Unit 3

Inflation and its social costs; hyperinflation

Unit 4

The closed economy in the short run Classical and Keynesian systems; simple Keynesian model of income determination; IS-LM model; fiscal and monetary multipliers

References

1. Abel, A., Bernanke, B. (2016). Macroeconomics, 9th ed. Pearson Education.
2. Blanchard, O. (2018). Macroeconomics, 7th ed. Pearson Education.
3. Dornbusch, R., Fischer, S., Startz, R. (2018). Macroeconomics, 12th ed. McGraw-Hill.
4. Jones, C. (2016). Macroeconomics, 4th ed. W. W. Norton.
5. Mankiw, N. (2016). Macroeconomics, 9th ed. Worth Publishers.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

National income accounting, money, inflation, classical model, Keynesian model

Paper GE-2 (A): Entrepreneurship or Finance for Non-Finance Executives

*Please refer Page No. 148 to see details of Entrepreneurship or Finance for Non-Finance Executives

Paper GE-2(B): Cinematic Adaptations of Literary Texts

*Please refer to Page No. 151 for details of Cinematic Adaptations of Literary Texts

Paper GE-2(C): LINEAR ALGEBRA

*Please refer Page No. 153 for details of Linear Algebra

Paper GE-2(D): पट कथा और संवाद लेखन

*Please refer Page No. 155 for details of पट कथा और संवाद लेखन

Paper GE-2(E) WOMEN, POWER AND POLITICS

*Please refer to Page No. 155 for details of Women, Power And Politics

Paper GE-2(F): Obesity Management

*Please refer to Page No. 158 for details of Obesity Management

SEMESTER III

Paper: ECONOMICS CORE COURSE 5: INTERMEDIATE MICROECONOMICS – I

Course Objective

The course is designed to provide a sound training in microeconomic theory to formally analyze the behaviour of individual agents. Since students are already

familiar with the quantitative techniques in the previous semesters, mathematical tools are used to facilitate understanding of the basic concepts. This course looks at the behaviour of the consumer and the producer and also covers the behaviour of a competitive firm.

Course Learning Outcomes

The course trains the students of Economics about the basic elements of consumer theory and production theory and the functioning of perfectly competitive market. This course aims to give students a solid grasp of microeconomic analysis at the intermediate-level using mathematical techniques where appropriate.

Unit 1

Consumer theory. Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and intertemporal choice; revealed preference

Unit 2

Production, costs and perfect competition Technology; isoquants; production with one and more variable inputs; returns to scale; short run and long run costs; cost curves in the short run and long run; review of perfect competition

References

1. Bernheim, B., Whinston, M. (2009). Microeconomics. Tata McGraw- Hill.
2. Snyder, C., Nicholson, W. (2010). Fundamentals of microeconomics. Cengage Learning.
3. Varian, H. (2010). Intermediate microeconomics: A modern approach, 8th ed. W. W. Norton.

Additional Resources

1. Bergstrom, T., Varian, H. (2014). Workouts in intermediate microeconomics. W. W. Norton.

Teaching Learning Process

Lectures and tutorials Assessment Methods Internal assessment and final examination as per CBCS rules

Keywords

Consumer theory, producer theory, perfect competition

Paper: ECONOMICS CORE COURSE 6: INTERMEDIATE MACROECONOMICS – I

Course Objective

This is the second module of a three-module sequence on Macroeconomics. This course introduces students to formal modeling of the macroeconomy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context. It also introduces students to various micro-founded theories of macro behaviour, e.g., consumption and investment behaviour of households and the demand for money generated in the household sector.

Course Learning Outcomes

This course enables students to analyse the macroeconomic performance of various

countries using formal analytical tools. It also allows them to evaluate important macroeconomic policies and their implications.

Unit 1

The labour market Wage determination; wages, prices and employment; natural rate of unemployment; from employment to output

Unit 2

Aggregate demand and aggregate supply curves Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply to determine equilibrium output, price level and employment

Unit 3

Inflation, unemployment and expectations Phillips curve; adaptive and rational expectations; policy ineffectiveness debate

Unit 4

Microeconomic foundations Consumption: Keynesian consumption function; Fisher's theory of optimal intertemporal choice; lifecycle and permanent income hypotheses; rational expectations and random walk of consumption expenditure
Investment: determinants of business fixed investment; residential investment and inventory investment, Demand for money

References

1. Abel, A., Bernanke, B. (2016). *Macroeconomics*, 9th ed. Pearson Education.
2. Blanchard, O. (2018). *Macroeconomics*, 7th ed. Pearson Education.
3. Branson, W. (2013). *Macroeconomics: Theory and policy*, 3rd ed, East West Press.
4. Dornbusch, R., Fischer, S., Startz, R. (2018). *Macroeconomics*, 12th ed. McGraw-Hill.
5. Jones, C. (2016). *Macroeconomics*, 4th ed. W. W. Norton.
6. Mankiw, N. (2016). *Macroeconomics*, 9th ed. Worth Publishers.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Aggregate demand, aggregate supply, inflation, unemployment, expectations

Paper: ECONOMICS CORE COURSE 7: STATISTICAL METHODS FOR ECONOMICS

Course Objective

The course teaches students the basics of probability theory and statistical inference. It sets a necessary foundation for the econometrics courses within the Honours programme. The familiarity with probability theory will also be valuable for courses in advanced microeconomic theory.

Course Learning Outcomes

At the end of the course, the student should understand the concept of random variables and be familiar with some commonly used discrete and continuous distributions of random variables. They will be able to estimate population parameters based on random samples and test hypotheses about these parameters. An

important learning outcome of the course will be the capacity to analyse statistics in everyday life to distinguish systematic differences among populations from those that result from random sampling.

Unit 1

Introduction and overview The distinction between populations and samples and between population parameters and sample statistics

Unit 2

Elementary probability theory Sample spaces and events; probability axioms and properties; counting techniques; conditional probability and Bayes' rule; independence

Unit 3

Random variables and probability distributions Defining random variables; probability distributions; expected values and functions of random variables; properties of commonly used discrete and continuous distributions (uniform, binomial, exponential, Poisson, hypergeometric and Normal random variables)

Unit 4

Random sampling and jointly distributed random variables Density and distribution functions for jointly distributed random variables; computing expected values of jointly distributed random variables; covariance and correlation coefficients

Unit 5

Point and interval estimation of population parameters using methods of moments and maximum likelihood procedures; properties of estimators; confidence intervals for population parameters

Unit 6

Hypothesis testing Defining statistical hypotheses; distributions of test statistics; testing hypotheses related to population parameters; Type I and Type II errors; power of a test; tests for comparing parameters from two samples

References

1. Devore, J. (2012). Probability and statistics for engineers, 8th ed. Cengage Learning.
2. Larsen, R., Marx, M. (2011). An introduction to mathematical statistics and its applications. Prentice Hall.
3. Miller, I., Miller, M. (2017). J. Freund's mathematical statistics with applications, 8th ed. Pearson.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Population parameters, sample statistics, probability, statistical Inferences.

Paper - GE-3(A): INVESTING IN STOCK MARKETS OR HUMAN RESOURCE MANAGEMENT OR FUNDAMENTALS OF MARKETING

*Please refer Page No. 164 for details of Investing in Stock Markets or Human Resource Management or Fundamentals of Marketing

Paper GE-3(B): MEDIA AND COMMUNICATION SKILLS

*Please refer Page No. 168 for details of Media And Communication Skills

Paper - GE-3(C): GE-3: Linear Programming and Game Theory

*Please refer Page No. 170 for details of Linear Programming and Game Theory

Paper - GE-3(D): हिंदी कहानी

*Please refer Page No. 172 for details of हिंदी कहानी

Paper - GE-3(E): Nationalism in India

*Please refer to Page No. 172 for details of Nationalism in India

Paper – GE-3(F): Aerobic Training

*Please refer to Page No. 174 for details of Aerobic Training

Paper -: SEC-1: DATA ANALYSIS**Course Objective**

This is a skill enhancement course for data analysis. The students will be given hands on training on using statistical and computing software to better visualize and understand data concepts. The course is designed to be delivered through 2 classroom lectures and 4 computer lab classes per week.

Course Learning Outcomes

The course will use data simulations and publicly available data sources to help students learn about data types, their organization and visual representation. They will learn how to compute summary statistics and do some basic statistical inference.

Unit 1 Introduction to the course:

How can the representation and analysis of data help us study real-world problems. Publicly available data sets

Unit 2 Using Data:

Available statistical software, steps in data storage, organisation and cleaning

Unit 3 Visualisation and Representation:

Alternative forms of presenting summarising and presenting data

Unit 4

Simple estimation techniques and tests for statistical inference

References

1. Levine, D., Stephan, D., Szabat, K. (2017). Statistics for managers using Microsoft Excel, 8th ed. Pearson.
2. Tattar, P., Ramaiah, S., Manjunath, B. (2018). A course in statistics with R. Wiley.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Data representation, statistical software, estimation

SEMESTER IV**Paper -: ECONOMICS CORE COURSE 8: INTERMEDIATE
MICROECONOMICS – II****Course Objective**

This course is a sequel to Intermediate Microeconomics I. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools

and reasoning. It covers general equilibrium and welfare, imperfect markets and topics under information economics.

Course Learning Outcomes

This course helps the students to understand efficiency of markets and the environment where the standard market mechanism fails to generate the desirable outcomes. The issues of market imperfection and market failures are important building blocks of this course.

Unit 1

General equilibrium, efficiency and welfare Equilibrium and efficiency under pure exchange and production; overall efficiency and welfare economics

Unit 2

Market structure and game theory Monopoly; pricing with market power; price discrimination; peak-load pricing; two-part tariff; monopolistic competition and oligopoly; game theory and competitive strategy

Unit 3

Market failure Externalities; public goods and markets with asymmetric information

References

1. Osborne, M. (2004). An introduction to game theory. Oxford University Press.
2. Snyder, C., Nicholson, W. (2010). Fundamentals of microeconomics. Cengage Learning.
3. Varian, H. (2010). Intermediate microeconomics: A modern approach, 8th ed. W. W. Norton.

Additional Resources

1. Bergstrom, T., Varian, H. (2014). Workouts in intermediate microeconomics. W. W. Norton.

Teaching Learning Process

Lectures and tutorials Assessment Methods Internal assessment and final examination as per CBCS rules

Keywords

General equilibrium, efficiency, welfare, market structure, imperfect competition, externalities, public goods

Paper -: ECONOMICS CORE COURSE 9: INTERMEDIATE MACROECONOMICS – II

Course Objective

This course is a sequel to Intermediate Macroeconomics I. In this course, students are introduced to long run issues like growth, technical progress, economics of ideas, R&D, innovation and knowledge creation. This course also provides insights into modern business cycle analysis. Finally it introduces students to open economy macro issues. At the end, it provides a long run perspective to policy-making by framing policies in a dynamic context.

Course Learning Outcomes

This course will enable students to combine their knowledge of the working of the macroeconomy with long run economic phenomena like economic growth, technological progress, R&D and innovation. It will also enable students to

understand business cycles and the concomitant role of policies.

Unit 1

Economic growth Harrod-Domar model; Solow model; Golden rule, technological progress, economics of ideas, engines of growth, modern theories of endogenous growth

Unit 2

Business cycles Real business cycle theory; new Keynesian models of sticky prices

Unit 3

Open economy models Short-run open economy models; Mundell-Fleming model; exchange rate determination; purchasing power parity; asset market approach; Dornbusch's overshooting model; monetary approach to balance of payments; international financial markets

Unit 4

Fiscal and monetary policy Active or passive; monetary policy objectives and targets; rules versus discretion: time consistency; the government budget constraint; government debt and Ricardian equivalence

References

1. Abel, A., Bernanke, B. (2016). Macroeconomics, 9th ed. Pearson Education.
2. Blanchard, O. (2018). Macroeconomics, 7th ed. Pearson Education.
3. Branson, W. (2013). Macroeconomics: Theory and policy, 3rd ed, East West Press.
4. Dornbusch, R., Fischer, S., Startz, R. (2018). Macroeconomics, 12th ed. McGraw-Hill.
5. Jones, C. (2013). Introduction to economic growth, 2nd ed. W. W. Norton.
6. Jones, C. (2016). Macroeconomics, 4th ed. W. W. Norton.
7. Mankiw, N. (2016). Macroeconomics, 9th ed. Worth Publishers.

Teaching Learning Process

Lectures and tutorials.

Assessment Methods

Internal assessment and final examination as per CBCS rules.

Keywords

Economic growth, business cycles, open economy models, fiscal and monetary policy

Paper -: ECONOMICS CORE COURSE 10: INTRODUCTORY ECONOMETRICS

Course Objective

This course introduces students to the econometric methods used to conduct empirical analysis in Economics. The course is designed to provide the students with the basic quantitative techniques needed to undertake applied research projects. It also provides the base for more advanced optional courses in econometrics.

Course Learning Outcomes

Students will learn to estimate linear models using ordinary least squares and make inferences about population parameters. They will also understand the biases created through mis-specified models, such as those that occur when variables are omitted.

Unit 1

Nature and scope of econometrics

Unit 2

Simple linear regression model: Two variable case Ordinary least squares estimation of a linear model; properties of estimators; goodness of fit; testing of hypotheses; scaling and units of measurement; confidence intervals; the Gauss Markov theorem; forecasting and prediction

Unit 3

Multiple linear regression model Extension of the single explanatory variable case to a multivariate setting; introducing non-linearity's through functions of explanatory variables

Unit 4

Violations of classical assumptions: Consequences, detection and remedies Multicollinearity; heteroscedasticity; serial correlation

Unit 5

Specification Analysis Omission of a relevant variable; inclusion of irrelevant variable; specification tests

References

1. Dougherty, C. (2011). Introduction to econometrics, 4th ed. Oxford University Press.
2. Gujarati, D. (2014). Econometrics by example, 2nd ed. Palgrave Macmillan.
3. Gujarati, D., Porter, D. (2010). Essentials of econometrics, 4th ed. McGrawHill.
4. Kmenta, J. (2008). Elements of econometrics. Khosla Publishing House.
5. Maddala, G., Lahiri, K. (2009). Introduction to econometrics, 4th ed. Wiley.
6. Wooldridge, J. (2014). Introduction to econometrics: A modern approach, 5th ed. Cengage Learning.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Regression, least squares, linear models

Paper - GE-4 (A): INSURANCE AND RISK MANAGEMENT OR PROJECT MANAGEMENT AND TECHNIQUES

*Please refer to Page No. 181 for details of Insurance and Risk Management or Project Management and Techniques

Paper GE-4(B): TEXT AND PERFORMANCE: WESTERN PERFORMANCE THEORIES AND PRACTICES

*Please refer Page No. 183 to see details of Text and Performance: Western Performance Theories and Practices

Paper - GE-4(C): ELEMENTS OF ANALYSIS

*Please refer to Page No. 185 for details of Elements of Analysis

Paper - GE-4(D): हिंदी का वैश्विक परिदृश्य

*Please refer to Page No. 187 for details of हिंदी का वैश्विक परिदृश्य

Paper - GE-4(E): GANDHI AND CONTEMPORARY WORLD.

*Please refer to Page No. 187 for details of Gandhi And Contemporary World.

Paper - GE-4(F): Fitness and Exercise Management

*Please refer to Page No. 191 for details of Fitness and Exercise Management

PAPER-: SEC-2: RESEARCH METHODOLOGY

Course Objective

The course begins with the formulation of a research problem and covers the issues concerning the generation of primary sample data. In this regard the designing of a questionnaire, the methods of design of a sample and its size, the modes of data collection from direct interview to online surveys, the appreciation of possible sources of errors, and the cleaning of data forms the bulk of the classroom instruction.

Course Learning Outcomes

The course imparts skills to undertake data based research. The student enrolling in this course would develop competency in executing sample surveys and would have reasonable exposure to a variety of secondary data sources

Unit 1

Data types and sources: Qualitative and quantity data, measurement and scales; secondary sources of data and institutions

Unit 2

Sample questionnaires: Measurement and scales; questionnaires

Unit 3

Sample type and size: Simple random sampling; cluster sampling; stratified sampling and its complications; Determining an appropriate size

Unit 4

Errors in surveys: Misunderstanding of questions and answers; problem of nonresponse

Unit 5

Processing of survey data: Cleaning of data and its coding

Unit 6

Ethics and scientific integrity: Standards of conduct, privacy in data

References

1. Bethlehem, J. (2009). Applied survey methods: A statistical perspective. Wiley.
2. Cochran, W. (2008). Sampling techniques, 3rd ed. Wiley.
3. Cooper, D., Schindler, P., Sharma, J. (2012). Business research methods, 12th ed. McGraw-Hill.
4. Flick, U. (2012). Introducing research methodology: A beginner's guide to doing a research project. Sage Publications.
5. Groves, R., Fowler, F., Couper, M., Lepkowski, J., Singer, E., Tourangeau, R. (2009). Survey Methodology. Wiley.
6. Kumar, R. (2014). Research methodology y: A step by step guide for beginners 4th ed. Sage Publications.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Data, sampling, surveys

Paper - : SEC-3: CONTEMPORARY ECONOMIC ISSUES

Course Objective

The course seeks to familiarize students with basic concepts related to the Economic Survey and Union Budget. It aims to equip students with sufficient knowledge and skills to analyse these documents.

Course Learning Outcomes

Students will have the capability to understand government policies and will in general be informed participants in economic decision making.

Unit 1 Concepts

- Fiscal policy, areas of government spending in India
- Capital and revenue expenditure, plan and non-plan expenditures
- Deficits (fiscal, primary, revenue), impact of fiscal deficits on the economy
- Capital receipts, revenue receipts, tax and non-tax revenue, direct and indirect taxes, need for rationalisation of tax structure, Goods and Services Tax (GST)
- Actual, revised and budget estimates
- Zero-base budgeting
- Gender budgeting
- Fiscal devolution and centre-state financial relations

Unit 2 The economic survey

- Analysis of current and past policy emphasis

Unit 3 The union budget

- Need for the budget, understanding the process of budget making in India
- Analysis of fiscal and revenue deficits
- Analysis of sources of revenue and expected growth in revenue, tax simplification, improvement in administration, expansion of tax net and other measures to improve revenue receipts
- Analysis of expenditure pattern and expected growth in expenditure, thrust areas of budget, sectors that have received higher/lower shares of expenditure, the reasons and consequences thereof, steps proposed to ensure effective spending

References

Given the nature of the course, the readings will be updated every year.

1. Centre for Budget and Governance Accountability. Recent reports.
2. Chakraborty, P. (2015). Intergovernmental fiscal transfers in India: Emerging trends and realities. In P. Patnaik (ed.): Macroeconomics. Oxford University Press.
3. Dasgupta, D., De, S. (2012). Fiscal deficit. In The new Oxford companion to economics in India. Oxford University Press.
4. Kapila, U. (2016). Fiscal and budgetary developments in Indian economy since independence. Academic Foundation.
5. Ministry of Finance. Economic and social classification of the budget.
6. Ministry of Finance. Economic survey (latest).
7. Ministry of Finance. Finance Commission report (latest).
8. Ministry of Finance. Union Budget.
9. Mukherjee, P. (2012). Budget making. In K. Basu, A. Maertens (eds.): The new Oxford companion to economics in India. Oxford University Press.
10. Mukherjee, S. (2015). Present state of goods and services tax (GST) reform in

- India. Working Paper No. 15 54. National Institute of Public Finance and Policy.
11. Reddy, Y. (2015). Continuity, change and the way forward: The fourteenth finance commission. *Economic and Political Weekly*, 50(21), 27- 36.
 12. Spiegel, M. (2003). *Theory and problems of probability and statistics*. Chapter 19. McGraw-Hill.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Union budget, economic survey, government policy

SEMESTER V

Paper --: ECONOMICS CORE COURSE 11: INDIAN ECONOMY-I

Course Objective

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.

Course Learning Outcomes

At the end of the course, a student should be able to understand the development paradigm adopted in India since independence and evaluate its impact on economic as well as social indicators of progress and well-being.

Unit 1

Economic development since independence

Unit 2

Human Capital: Demography, health and education

Unit 3

Growth and Distribution: Poverty, inequality, unemployment and policy interventions

Unit 4

International comparisons

References

Given the topical nature of this course, some readings will change from year to year.

1. Balakrishnan, P. (2007). The recovery of India: Economic growth in the Nehru era. *Economic and Political Weekly*, 42(45-46), 52-66.
2. Bardhan, P.(2012). *Awakening giants, feet of clay: Assessing the economic rise of China and India*. Princeton University Press.
3. Basu, K., Maertens, A. (2007). The pattern and causes of economic growth in India. *Oxford Review of Economic Policy*, 23, 143-167.
4. Bhagwati, J., Panagariya, A.(2012). *India's tryst with destiny*, Collins Business.
5. Centre for Sustainable Employment. (2018). *State of working India 2018*. Azim Premji University.
6. Desai, S. (2015). Demographic deposit, dividend and debt. *The Indian Journal of Labour Economics*, 58, 217-232.
7. Dreze, J., Khera, R. (2017). Recent social security initiatives in India, *World Development*, 98, 555-572.
8. Dreze, J., Sen, A. (2013). *India: An uncertain glory*. Allen Lane.

9. Joshi, V. (2016). India's long road: The search for prosperity. Allen Lane.
10. Meenakshi, J. (2016). Trends and patterns in the triple burden of malnutrition in India. *Agricultural Economics*, 47, 115-134.
11. Ministry of Finance. (2016). Universal basic income: A conversation with and within the mahatma. Chapter 9 in *Economic Survey*, 172-212.
12. Panagariya, A., Mukim, M. (2014). A comprehensive analysis of poverty in India. *Asian Development Review*, 31, 1-52.
13. Rangarajan Committee. (2014). Report of the expert group to review the methodology for measurement of poverty. Government of India.
14. Rawal, V., Bansal, V., Bansal, P. (2019). Prevalence of undernourishment in Indian states: Explorations based on NSS 68th round data. *Economic and Political Weekly*, 54(15), 35-45.
15. Rodgers, G. (2018). Inequality in the Indian growth regime. *Indian Journal of Human Development*, 12, 134-148.
16. Thomas, J. (2014). India's labour market during the 2000s: An overview. In K. Ramaswamy (ed.): *Labour, employment and economic growth in India*. Cambridge University Press, 21-56.
17. Verick, S. (2018). Female labor force participation and development. *IZA World of Labor*, 2, 1-11.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Indian economic development, government policy

Paper:- ECONOMICS CORE COURSE 12: DEVELOPMENT ECONOMICS I

Course Objective

This is the first part of a two-part course on economic development. The course begins with a discussion of alternative conceptions of development and their justification. It then proceeds to aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. The axiomatic basis for inequality measurement is used to develop measures of inequality and connections between growth and inequality are explored. The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance.

Course Learning Outcomes

This course introduces students to the basics of development economics, with in-depth discussions of the concepts of development, growth, poverty, inequality, as well as the underlying political institutions.

Unit 1

Conceptions of Development: Alternative measures of development, documenting the international variations in these measures, comparing development trajectories across nations and within them.

Unit 2

Growth Models and Empirics: The Harrod-Domar model, the Solow model and its

variants, endogenous growth models, and evidence on the determinants of growth.

Unit 3

Poverty and Inequality: Definitions, Measures and Mechanisms Inequality axioms; comparison of commonly used inequality measures; connections between inequality and development; poverty measurement; characteristics of the poor; mechanisms that generate poverty traps, and path dependence of growth processes.

Unit 4

Political Institutions and the Functioning of the State: The determinants of democracy; alternative institutional trajectories and their relationship with economic performance; within-country differences in the functioning of state institutions; state ownership and regulation; government failures and corruption

References:

1. Banerjee, A., Benabou, R., Mookerjee, D. (eds.) (2006). Understanding poverty. Oxford University Press.
2. Bardhan, P. (2010). Awakening giants, feet of clay: Assessing the economic rise of China and India. Oxford University Press.
3. Basu, K. (2007). The Oxford companion to economics in India. Oxford University Press.
4. Dasgupta, P. (2007). Economics: A very short introduction. Oxford University Press.
5. Deaton, A. (2013). The great escape: Health, wealth and the origins of inequality. Princeton University Press.
6. Hirschman, A. (1992). Rival views of market society and other essays. Ch. 3: "Linkages in Economic Development". Harvard University Press.
7. Human Development Report. Relevant years.
8. Olson, M. (1996). Big bills left on the sidewalk: Why some nations are rich, and others poor. Journal of Economic Perspectives, 10, 3-24.
9. Ostrom, E. (1990). Governing the commons: The evolution of institutions for collective action. Cambridge University Press.
10. Piketty, T., Saez, E. (2014). Inequality in the long run, Science, 344.
11. Ray, D. (1998). Development economics. Princeton University Press.
12. Rodrik, D. (2009). One economics, many recipes: Globalization, institutions and economic growth. Ch. 1: "Fifty Years of Growth (and lack thereof): An Interpretation". Princeton University Press.
13. Sen, A. (2000). Development as freedom. Oxford University Press.
14. Shleifer, A., Vishny, R. (1993). Corruption. Quarterly Journal of Economics, 108, 599-617.
15. Todaro, M., Smith, S. (2015). Economic Development. Pearson.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Economic development, poverty, inequality

Paper – : DSE COURSE-1 (From List of Group-I)

Paper – : DSE COURSE-2 (From List of Group-I)

GROUP I

- | | |
|---|--------------------------|
| i. Game Theory | v. International Trade |
| ii. Applied Econometrics | vi. Public Economics |
| iii. Economics History of India (1857-1947) | vii. Financial Economics |
| iv. Political Economy-I | |

DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS: ECONOMICS

GROUP-I

(i) Game Theory

Course Objective

Game theory introduces the students to optimal decision making in interactive settings. This course will deal with the solution concepts for normal form and extensive form games, along with a variety of applications. Ideas related to asymmetric information among the interacting agents will also be analysed in this course. The course ends with the application of game theory to analyse moral hazard, adverse selection and signalling problems.

Course Learning Outcomes

The students will learn how to model multi-person decision making in an interactive setting. They will understand how to formulate different real life situations as games and learn to predict the optimal strategies of players and how the players can exploit strategic situations for their own benefit.

Unit 1

Normal form games The normal form; dominant and dominated strategies; dominance solvability; mixed strategies; Nash equilibrium; symmetric single population games; applications

Unit 2

Extensive form games with perfect information The game tree; strategies; subgame perfection; backward induction in finite games; commitment; bargaining; other applications

Unit 3

Simultaneous move games with incomplete information Strategies; Bayesian Nash equilibrium; applications

Unit 4

Extensive form games with imperfect information Strategies; beliefs and sequential equilibrium; applications

Unit 5

Information economics. Adverse selection; moral hazard; signalling games

References

1. Osborne, M. (2004). An introduction to game theory. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Normal form games, extensive form games, complete information, Nash equilibrium, subgame perfect equilibrium, incomplete information, Bayesian Nash equilibrium, sequential equilibrium

(ii) APPLIED ECONOMETRICS

Course Objective

The course assumes that students have a basic knowledge of statistics, mathematics as well as basic econometric theory. It builds on the compulsory Introductory Econometrics course and teaches students a broad set of commonly used econometric methods. These include estimating models with limited dependent variables and the use of instrumental variables to estimate models with endogenous regressors.

Course Learning Outcomes

Students will learn the theoretical basis for techniques widely used in empirical research and consider their application in a wide range of problems.

Unit 1

Stages in empirical econometric research

Unit 2

The linear regression model: estimation, specification and diagnostic testing: estimation, specification and inference

Unit 3

Advanced topics in regression analysis: dynamic econometric models, instrumental variable estimation, measurement errors

Unit 4

Panel data models and estimation techniques: pooled regression, fixed and random effects models

Unit 5

Limited dependent variables: logit and probit models for binary responses, tobit models for truncated data.

Unit 6

Introduction to econometric software; publicly available data sets and software will be used to estimate models and apply the techniques learned in class.

References

1. Gujarati, D. (2014). *Econometrics by example*, 2nd ed. Palgrave Macmillan. 32
2. Gujarati, D., Porter, D. (2012). *Basic econometrics*, 5th ed. McGraw-Hill.
3. Wooldridge, J. (2014). *Introduction to econometrics: A modern approach*, 5th ed. Cengage Learning.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Regression, instrumental variables, panel data

(iii) ECONOMIC HISTORY OF INDIA (1857-1947)

Course Objective

This course analyses key aspects of Indian economic development during the second half of British colonial rule. In doing so, it investigates the mechanisms that linked economic development in India to the compulsions of colonial rule.

Course Learning Outcomes

The course develops critical analytical skills and exposes students to understanding the intricacies of India's economic, political and social developments both in the past and present times. It increases their employability by enhancing their ability to deal with a variety of textual and statistical sources, and to draw upon them to construct a coherent argument. These skills would be useful in a variety of careers in academics, research, journalism and the government.

Unit 1

Colonial India: background and introduction

Unit 2

Trends in national income, population; labour and occupational structure

Unit 3

Agriculture, agrarian structure and land relations

Unit 4

Railways and industry

Unit 5

Economy and state in the imperial context

References

Some readings may be updated periodically. Material for the course will be drawn from the following sources

1. Balachandran, G. (2016). Colonial India and the world economy, C. 1850- 1940. In L. Chaudhary, B. Gupta, T. Roy, A. Swami (eds.): A new economic history of colonial India. Routledge.
2. Bogart, D., Chaudhary, L. (2016). Railways in colonial India: an economic achievement? In L. Chaudhary, B. Gupta, T. Roy, A. Swami (eds.): A new economic history of colonial India. Routledge.
3. Chaudhary, L., Gupta, B., Roy, T., Swami, A. (2016). Agriculture in colonial India. In L. Chaudhary, B. Gupta, T. Roy, A. Swami (eds.): A new economic history of colonial India. Routledge.
4. Chaudhuri K. (1982). Foreign trade and balance of payments (1757-1947). In D. Kumar, T. Raychaudhari (eds.): Cambridge economic history of India 1757 c.1970 2. Orient Longman.
5. Guha, S. (1991). Mortality decline in early 20th century India. *Indian Economic and Social History Review*, 28(4), 371-87.
6. Jain, L. (2011). Indigenous credit instruments and systems. In M. Kudaisya (ed.): *The Oxford India anthology of business history*. Oxford University Press.
7. Klein, I. (1984). When rains fail: Famine relief and mortality in British India. *Indian Economic and Social History Review*, 21, 185-214.
8. Krishnamurty, J. (1982). Occupational structure. In D. Kumar, T. Raychaudhari (eds.): *Cambridge economic history of India 1757-c.1970 2*. Orient Longman.
9. Morris, M. (1965). *Emergence of an industrial labour force in India*. Oxford University Press.
10. Parthasarathi, P. (2009). Historical issues of deindustrialization in nineteenth century south India. In T. Roy, G. Riello (eds.): *How India clothed the world: The world of south Asian textiles, 1500-1850*. Brill Academic.

11. Parthasarathy, P. (2011). Why Europe grew rich and Asia did not: Global economic divergence, 1600-1850. Chapters 2, 8. Cambridge University Press.
12. Ray, R. (1994). Introduction. In R. Ray (ed.): Entrepreneurship and industry in India 1800-1947. Oxford University Press.
13. Roy, T. (2018). A business history of India: Enterprise and the emergence of capitalism from 1700. Chapters 4, 5, 6. Cambridge University Press.
14. Roy, T. (2011). The Economic History of India 1857-1947, 3rd ed. Chapters 3, 5, 6, 11. Orient Longman.
15. Washbrook, D. (2012). The Indian economy and the British empire. In D. Peers, N. Gooptu (eds.): India and the British Empire. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Colonial India, railways, agriculture, industry

(iv) POLITICAL ECONOMY-I

Course Objective

This course explores the systemic structures and institutions of capitalist economies and their evolution in a political economic framework. Students will be exposed to alternative schools of thought and are expected to read some classic texts and commentaries as well as more contemporary essays on the subject.

Course Learning Outcomes

This course prepares the students to develop critical thinking by exposing them to elements of economic thought, juxtaposing ideas and theoretical structures based largely on original texts and journal articles. Students learn to assimilate from a diverse range of opinions and crystallize their own thought processes and standpoints. This also helps them to develop advanced writing, presentation and research skills. It further enables them to comprehend a larger view of the world around us by analysing the existing social and political structures and their links with the economic processes. It is thus a crucial course, which exposes the social science dimension of economics to the students and also provides them skills to think and analyse in an interdisciplinary manner. The exposure to interdisciplinary thinking further enables the students for pursuing studies in diverse related areas such as development studies, economic sociology, critical geography, gender studies and social work as also for taking up employment in organisations ranging from international development agencies to development NGOs and corporate CSR. It also prepares the students to face the practical world of work, where economics, business, civil society organisations, social institutions and politics often cohabit in a complex interlinked structure.

Unit 1

Analysing Social Change in Historical Perspective The method of historical materialism; the transition from feudalism to capitalism; capitalism as a historical process – alternative perspectives

Unit 2

Capitalism as an Evolving Economic System Basic features; accumulation and crisis; monopoly capitalism- alternative perspectives

Unit 3

The State in Capitalism The state and the economy – contestation and mutual interdependence; the state as an arena of conflict; imperialism – the basic foundations

References

1. Baran, P. (1973). The political economy of growth. Chapter 3. Pelican.
2. Gurley, J. (1978). The materialist conception of history. In R. Edwards, M.
3. Reich, T. Weisskopf (eds.): The capitalist system, 2nd ed. Prentice-Hall.
4. Habib, I. (1995). Capitalism in history. *Social Scientist*, 23, 15-31.
5. Harvey, D. (2014). Seventeen contradictions and the end of capitalism. Chapter 3. Oxford University Press.
6. Heilbroner, R. (1985). The nature and logic of capitalism. Chapter 4. W. W. Norton.
7. Heilbroner, R. (1987). Capitalism. In *The New Palgrave Dictionary of Modern Economics*. Macmillan. Also reprinted in 8. Heilbroner R. (1978). *Behind the veil of economics*. W. W. Norton.
8. Heinrich, M. (2012). An introduction to the three volumes of Karl Marx's *Capital*. (English translation by A. Locascio). Monthly Review Press.
9. Hunt, E. (2004). History of economic thought. Chapter 1. Shilpi Publications.
10. Kalecki, M. (1972). Political aspects of full employment. In E. Hunt, J. Schwarz (eds.): *A critique of economic theory*. Penguin Books.
11. Lange, O. (1963). *Political economy*, Vol. 1. Chapters 1 and 2. Macmillan.
12. Patnaik, P. (2006). Lenin's theory of imperialism today. In K. S. Jomo (ed.): *The long twentieth century: The great divergence: Hegemony, uneven development and global inequality*. Oxford University Press.
13. Schumpeter, J. (1976). *Capitalism, socialism and democracy*. Chapters 6, 7 and 8. George Allen and Unwin.
14. Shaikh, A. (2000). Economic crises. In T. Bottomore, et al. (eds.): *The dictionary of Marxist thought*. Maya Blackwell.
15. Shaikh, A. (2000). Falling rate of profit. In T. Bottomore et al. (eds.): *The dictionary of Marxist thought*. Maya Blackwell.
16. Sweezy, P. (1942). *The theory of capitalist development*. Monthly Review Press.
17. Vakulabharanam, V. (2009). The recent crisis in global capitalism: Towards a Marxian understanding. *Economic and Political Weekly*, 44, 144-150.

Additional Resources

1. Basu, D. (2017). A unified Marxist approach to accumulation and crisis in capitalist economies. Economics Department Working Paper Series, University of Massachusetts, Amherst.
2. O'Connor, J. (1970). The meaning of economic imperialism. Pages 101 - 111. In R. Rhodes (ed.): *Imperialism and underdevelopment*. Monthly Review Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Feudalism, capitalism, historical perspectives, economic crisis, state, imperialism, creative destruction

Course Objective

The purpose of this course is to inform the basics of international trade theory and to examine the effects of international economic policies on domestic and world welfare. This course develops a systematic exposition of models that try to explain the composition, direction, and consequences of international trade, and the determinants and effects of trade policy. Although the course is based on abstract theoretical models, students will also be exposed to real-world examples and case studies.

Course Learning Outcomes

The module aims to introduce students to the main theoretical and empirical concepts in international trade, equip students with a thorough analytical grasp of trade theory, ranging from Ricardian comparative advantage to modern theories of intra-industry trade, and familiarise students with the main issues in trade policy and with the basic features of the international trading regime. At the end of the course, the students should be able to demonstrate their understanding of the economic concepts of trade theory. In some models, the student will be required to deal with simple algebraic problems that will help them to better understand these concepts, use diagrammatic analysis to demonstrate and compare the economic welfare effects of free trade and protection, demonstrate their understanding of the usefulness and problems related to topics in international trade, and demonstrate their critical understanding of trade policies.

Unit 1

Introduction: What is international economics about? An overview of world trade. Stylized facts about international trade

Unit 2

Neoclassical trade theories: Ricardian trade theory (notion of comparative advantage and gains from trade due to specialisation); an introduction to the distributional effects of trade; the specific factor model; Heckscher-Ohlin theory: Rybczynski and Stolper-Samuelson theorems; Heckscher-Ohlin theorem; factor price equalisation

Unit 3

New trade theories: external economies of scale, internal economies of scale; the Krugman model; firm heterogeneity; international movement of factors; introduction to the theory of multinational firms

Unit 4

Trade policy: instruments of trade policy; tariffs, quotas, export subsidies, voluntary export restraints. The economics of trade policy; political economy of trade policy; controversies in trade policy

References

1. Feenstra, R., Taylor, A. (2014). International economics, 3rd ed. Worth Publishers.
2. Krugman, P., Obstfeld, M., Melitz, M. (2018). International Economics - Theory and Policy, 11th ed. Pearson Education.
3. Pugel, T. (2015). International economics, 16th ed. McGraw-Hill.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

International trade, theories and policy

(vi) PUBLIC ECONOMICS

Course Objective

Public economics is the study of government policy from the points of view of economic efficiency and equity. The paper deals with the nature of government intervention and its implications for allocation, distribution and stabilization. Inherently, this study involves a formal analysis of government taxation and expenditures. The subject encompasses a host of topics including public goods, market failures and externalities. The paper is divided into two sections, one dealing with the theory of public economics and the other with the Indian public finances.

Course Learning Outcomes

The module aims to introduce students to the main theoretical and empirical concepts in public economics, equip students with a thorough analytical grasp of implications of government intervention for allocation, distribution and stabilization, and familiarise students with the main issues in government revenues and expenditure. At the end of the module the students should be able to demonstrate their understanding of the public economics. In some models, the student will be required to deal with simple algebra problems that will help them to better understand these concepts, used diagrammatic analysis to demonstrate and compare the economic welfare effects of various environmental policy options, demonstrate their understanding of the usefulness and problems related to taxation and government expenditure, and demonstrate their critical understanding of public policies.

Unit 1

Public Economic Theory: Fiscal functions: an overview; Public Goods: definition, models of efficient allocation, pure and impure public goods, free riding; Externalities: the problem and its solutions, taxes versus regulation, property rights, the Coase theorem; and Taxation: its economic effects; dead weight loss and distortion, efficiency and equity considerations, tax incidence, optimal taxation

Unit 2

Indian Public Finances: Tax System: structure and reforms; Budget, deficits and public debt; Fiscal federalism in India

References

1. Alam, S. (2016). GST and the states: sharing tax administrations. *Economic and Political Weekly*, 51(31).
2. Cullis, J., Jones, P. (1998). *Public finance and public choice*, 2nd ed. Oxford University Press.
3. Das, S. (2017). Some concepts regarding the goods and services tax. *Economic and Political Weekly*, 52(9).
4. Government of India. (2017). *GST - Concept and status - as on 3rd June, 2017*. Central Board of Excise and Customs, Department of Revenue, Ministry of Finance.
5. Hindriks, J., Myles, G. (2013). *Intermediate public economics*, 2nd ed. MIT Press.
6. Rao, M. (2005). Changing contours of federal fiscal arrangements in India. In A. Bagchi (ed.): *Readings in public finance*. Oxford University Press.

7. Rao, M., Kumar, S. (2017). Envisioning tax policy for accelerated development in India. Working Paper No. 190, National Institute of Public Finance and Policy.
8. Reddy, Y. (2015). Fourteenth finance commission: Continuity, change and way forward. Economic and Political Weekly, 50(21), 27-36.
9. Stiglitz, J. (2009). Economics of the public sector, 3rd ed. W. W. Norton.

Teaching Learning Process

Lectures and Tutorials

Assessment Methods

Internal Assessment and Final Exam

Keywords

Taxation, public expenditure, federal system, India

(vii) Financial Economics

Course Objective

This course provides a strong theoretical foundation and an economic framework to understand the world of modern finance. Major topics in the course include: time-value of money; fixed-income securities; bond pricing and the term structure of interest rates; portfolio theory and pricing models such as the capital asset pricing model; hedging, speculation, and arbitrage; futures and options contracts; determination of forward and futures prices; trading strategies involving options; binomial trees; and the Black-Scholes-Merton option pricing model

Course Learning Outcomes

Students acquire extensive theoretical knowledge in portfolio risk management, capital asset pricing, and the operation of financial derivatives. The course familiarises students with the terms and concepts related to financial markets and helps them comprehend business news/articles better. The course also helps to enhance a student's understanding of real life investment decisions. The course has a strong employability quotient given the relatively high demand for skilled experts in the financial sector.

Unit 1

Investment theory and portfolio analysis: deterministic cash flow streams; basic theory of interest; discounting and present value; internal rate of return; evaluation criteria; fixed-income securities; bond prices and yields; interest rate sensitivity and duration; immunisation; the term structure of interest rates; yield curves; spot rates and forward rates

Unit 2

Single period random cash flows; mean-variance portfolio theory; random asset returns; portfolios of assets; portfolio mean and variance; feasible combinations of mean and variance; mean-variance portfolio analysis: the Markowitz model and the two-fund theorem; risk-free assets and the one-fund theorem. CAPM: the capital market line; the capital asset pricing model; the beta of an asset and of a portfolio; security market line; use of the CAPM model in investment analysis and as a pricing formula; the CAPM as a factor model, arbitrage pricing theory

Unit 3

Futures, options and other derivatives: introduction to derivatives and options; forward and futures contracts; options; other derivatives; the use of futures for hedging, stock index futures; forward and futures prices; interest rate futures and

duration-based hedging strategies, option markets; call and put options; factors affecting option prices; put-call parity; option trading strategies: spreads; straddles; strips and straps; strangles; the principle of arbitrage; discrete processes and the binomial tree model; risk neutral valuation; stochastic process (continuous variable, continuous time), the Markov property, Itô's lemma; the idea underlying the Black-Scholes-Merton (BSM) differential equation, BSM pricing formulas; the Greek letters

References

1. Brealey, R., Myers, S., Allen, F., Mohanty, P. (2013). Principles of corporate finance, 10th ed. Tata McGraw-Hill.
2. Hull, J., Basu, B. (2017). Options, futures, and other derivatives, 9th ed. Pearson Education.
3. Luenberger, D. (2013). Investment science. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Finance, economics

SEMESTER VI

Paper –: ECONOMICS CORE COURSE 13: INDIAN ECONOMY-II

Course Objective

This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence.

Course Learning Outcomes

At the end of the course, a student should be able to understand the role of economic policies in shaping and improving economic performance in agriculture, manufacturing and services.

Unit 1

Macroeconomic policies and their impact

Unit 2

Policies and performance in agriculture

Unit 3

Policies and performance in industry and services

References

Given the topical nature of this course, readings will be updated from year to year.

1. Anand, R., Kochhar, K., Mishra, S. (2015). Make in India: Which exports can drive the next wave of growth? IMF working paper, WP/15/119.
2. Banga, R. (2014). Trade facilitation and 'hollowing-out' of Indian manufacturing. Economic and Political Weekly, 49(40), 57-63.
3. Basole, A., Basu, D., Bhattacharya, R. (2015). Determinants and impacts of subcontracting: Evidence from India's unorganised manufacturing sector. International Review of Applied Economics, 29, 374-402.
4. Bhagwati, J., Panagariya, A. (2012). A multitude of labor laws and their reforms. In India's tryst with destiny. Collins Business.

5. Centre for Sustainable Employment. (2018). State of working India 2018. Azim Premji University.
6. Chanda, R. (2017). Services for Indian manufacturing. In M. Dev (ed.) India Development Report.
7. Chatterjee, S., Kapur, D. (2017). Six puzzles in Indian agriculture. India Policy Forum 2016, Vol. 17.
8. Das, D., Singh, J., Choudhury, H. (2018). Judicial production of labour market flexibility: Contract labour employment in Indian organised manufacturing. In Hill and Patil (eds.): Employment policy in emerging economies. Routledge.
9. Deakin, S., Halder, A. (2015). How should India reform its labor laws? Economic and Political Weekly, 50(12), 48-55.
10. Gulati, A., Saini, S. (2017) 25 years of policy tinkering in agriculture. In R. Mohan (ed.): India transformed: 25 years of economic reforms. Penguin.
11. Kapoor, R., Krishnapriya, P. (2019). Explaining the contractualisation of India's workforce. ICRIER Working Paper 369.
12. Kumar, N. (2015). FDI and portfolio investment flows and development: A perspective on Indian experience. In U. Kapila (ed.): Indian economy since independence, 26th ed. Academic Foundation.
13. Ministry of Finance. (2017). Climate, climate change and agriculture. Ch. 6 in Economic Survey.
14. Mohan, R., Ray, P. (2017). Indian financial sector - structure, trends and turns. IMF working paper.
15. Panda, M. (2017). Macroeconomic development and challenges for growth. In M. Dev (ed.): India Development Report
16. Rajesh, S., Sen, K. (2016). Some puzzles about firms. Economic and Political Weekly, 51(7), 43-51.
17. Roychowdhury, A. (2019). Application of job security laws, workers' bargaining power and employment outcomes in India. The Economic and Labour Relations Review, 30, 120-141
18. Sen, K., Das, D. (2015). Where have all the workers gone? The puzzle of declining labour intensity in organised Indian manufacturing. Economic and Political Weekly, 50(23), 108-115.
19. Veeramani, C., Dhir, G. (2017). Make what in India? In M. Dev (ed.): India Development Report

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Economic development, sectoral performance, policy analysis

Paper –: ECONOMICS CORE COURSE 14: DEVELOPMENT ECONOMICS-II

Course Objective

This is the second course of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth. The course ends

with reflections on the role of globalization and increased international dependence on the process of development.

Course Learning Outcomes

This course teaches the student various aspects of the Indian economy, as well as important themes relating to the environment and sustainable development. It also introduces them to some issues of globalisation.

Unit 1

Demography and Development Demographic concepts; birth and death rates, age structure, fertility and mortality; demographic transitions during the process of development; gender bias in preferences and outcomes and evidence on unequal treatment within households; connections between income, mortality, fertility choices and human capital accumulation; migration

Unit 2

Land, Labour and Credit Markets The distribution of land ownership; land reform and its effects on productivity; contractual relationships between tenants and landlords; land acquisition; nutrition and labor productivity; informational problems and credit contracts; microfinance; inter- linkages between rural factor markets

Unit 3

Environment and Sustainable Development Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources; environmental externalities and state regulation of the environment; economic activity and climate change

Unit 4

Globalisation in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalised world

References

1. Banerjee, A., Benabou, R., Mookerjee, D. (eds.) (2006). Understanding poverty. Oxford University Press.
2. Dasgupta, P. (2007). Economics: A very short introduction. Oxford University Press.
3. Kolstad, C. (2012). Intermediate environmental economics. Oxford University Press.
4. Meier, G., Rauch, J. (2005). Leading issues in economic development. Oxford University Press.
5. Nordhaus, W. (2013). The Climate Casino. Yale University Press.
6. Rajan, R. (2011). Fault lines: How hidden fractures still threaten the world economy. Princeton University Press.
7. Ray, D. (1998). Development economics. Princeton University Press.
8. Rodrik, D. (2011). The globalization paradox: Why global markets, states and democracy can't coexist. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Demography, development, land, labour, credit, environment, sustainable development

Paper: DSE COURSE--3 (From List of Group-II)

Paper : DSE COURSE--4 (From List of Group-II)

GROUP II

- | | |
|---|--------------------------------|
| a. Political Economy-II | e. Money and Financial Markets |
| b. Comparative Economic Development (1850-1950) | f. Open Economy Macroeconomics |
| c. Economics of Health and Education | g. Law and Economics |
| d. Environmental Economics | |

DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPERS: ECONOMICS GROUP-II

POLITICAL ECONOMY-II

Course Objective

This course explores some of the fundamental structural changes and dynamics of the advanced capitalist system since the development of Fordism to the contemporary period. Particularly, the course analyses the changes in the organization of production, labour market institutions as well as shifts in corporate, managerial, financial and inter-firm governance structures. It further analyses the role of the state in the era of globalization, by studying both its changed ideological foundation and varied practices. It goes on to examine the social and geopolitical consequences of such fundamental shifts. It also integrates contemporary issues of gender and environment in a political economy framework. Though grounded in political economic traditions, the course also exposes the students to interdisciplinary thought and content. It also offers a layered and contrasting perspective to some of the issues analysed in the core theoretical courses, such as microeconomics and macroeconomics. It also provides a more global and interdisciplinary context for analyzing the issues studied in the compulsory courses on the Indian Economy and Development Economics. Whereas the course is related to the fifth semester DSE course Political Economy I, it is largely a stand-alone independent course and can be pursued without any detailed knowledge of the fifth semester course.

Course Learning Outcomes

This course exposes the students to the realities of the contemporary world economy and teaches them to develop critical analysis in an integrated and broader political economy framework. It thus enables them to form a more informed view of the world we inhabit by analyzing some of the most contemporary trends and developments from different perspectives. It also exposes the students to interdisciplinary skills and written argumentation, and prepares them for a more holistic research framework. The exposure to interdisciplinary thinking further enables the students for pursuing studies in diverse related areas such as development studies, economic sociology, critical geography, gender studies and social work as also for taking up employment in organisations ranging from international development agencies to development NGOs and corporate CSR. It also prepares the students to face the practical world of work, where economics, business, civil society organisations, social institutions and

politics often cohabit in a complex interlinked structure, and employees are expected to comprehend and synthesize materials from diverse sources and perspectives.

Unit 1

Introduction and Historical Overview: Perspective on political economy with a historical overview: Capitalist development in the pre Second World War period, the 'Golden Age' and later

Unit 2

Changing Dynamics of Capitalist Production, Organisational Form and Labour Process: Fordist and Post-Fordist production; The changing dynamics of the organisation of production, markets and labour process; The evolution of the multinational corporations and their economic logic; The contemporary forms value chain networks and forms of inter-firm governance; The changing nature of employment, job security and labour rights

Unit 3

The State in the Era of Globalisation: Ideology, Theory and Practice: Theoretical foundations and ideological underpinnings of the neoliberal state; The neoliberal state in practice: social contradictions, instability, and the nature of resolutions in a globalized world

Unit 4

The Changing Role of Finance: The changing role of finance in the dynamics of capital accumulation and the shifts in corporate structure; Financialisation: its nature and consequences

Unit 5

The Social Dimension: Globalization and Uneven Development – Growth, inequality and crisis in an uneven geographical spread and its social ramifications

Unit 6

Broader Perspectives (Gender and Environment): Dimensions of Gender in work, accumulation and globalization; Political economic issues in environment, sustainability and inequality

References

This course will draw upon the following readings:

1. Arnold, D., Bongiovi, J. (2013). Precarious, informalising, and flexible work: Transforming concepts and Scientist, 57, 289-308.
2. Beaud, M. (2001). A history of Capitalism, 1500-2000. Chapters 2,4,5 Monthly Review Press.
3. Boyce, J. (2002). The political economy of the environment, chapter 4, Edward Elgar.
4. Chang, D. (2009). Informalising labour in Asia's global factory. Journal of Contemporary Asia, 39, 161-179.
5. Dore, R. (2008). Financialisation of the global economy. Industrial and Corporate Change, 17, 1097-1112.
6. Dumenil, G., Levy, D. (2011). The crisis of neoliberalism. Chapter 1. Harvard University Press.
7. Elam, M. (1994). Puzzling out the post-Fordist debate: Technology, markets and institutions. In A. Amin (ed.): Post-Fordism: A reader. Blackwell.
8. Foster, J.(2009). The ecological revolution. Introduction. Cornerstone Publications.
9. Gereffi, G., Humphrey, J., Sturgeon, T. (2005). The governance of global value chains. Review of International Political Economy, 12, 78-104.
10. Gottfried, H. (2013). Gender, work and economy: Unpacking the global

- economy. Chapter 10. Polity Press.
11. Harvey, D. (2005). A brief history of neoliberalism. Introduction, Chapters 1- 3. Oxford University Press.
 12. Hymer, S. (1975). The multinational corporation and the law of uneven development. In H. Radice (ed.): International firms and modern imperialism. Penguin Books.
 13. Reddy, N. (2003). Economic globalisation, past and present: The challenges to labour. In K. Jomo, K. Jin (eds.): Globalization and its discontents, revisited. Tulika Books.
 14. Sen, A. (1990). Gender and cooperative conflicts. In I. Tinker (ed.): Persistent inequalities: Women and world development. Oxford University Press.
 15. Tonkiss, F. (2008). Contemporary economic sociology: Globalisation, production, inequality. Chapter 4. Routledge

Additional Resources

1. Dumenil, G., Levy, D. (2004). Capital resurgent: Roots of the neoliberal revolution. Chapter 11. Harvard University Press.
2. Evans, P. (1998). Transnational corporations and the third world states: From old internationalisation to the new. In R. Wright, R. Rowthorn (eds.): Transnational corporations and the global economy. UNU/WIDER, Macmillan Press.
3. Vaasudevan, R. (2013). Things fall apart: From the crash of 2008 to the great slump. Chapter 3. Sage Publications.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Fordism, globalisation, MNCs, global value chains, labour flexibility, informalisation, financialisation, corporate governance, neoliberalism, gender, feminisation, environment

(b) COMPARATIVE ECONOMIC DEVELOPMENT (1850-1950)

Course Objective

This course analyses key aspects of Indian economic development during the second half of British colonial rule. In doing so, it investigates the mechanisms that linked economic development in India to the compulsions of colonial rule.

Course Learning Outcomes

By analysing the history of industrialisation and economic transition, students will be able to visualise economic development in a historical perspective and assimilate material from a diverse range of opinions. It will help them to think in an interdisciplinary manner and therefore aid them in jobs where developing and presenting comparative perspectives are key tasks.

Unit 1

Introduction and overview of the countries selected for case studies - Britain, Japan, USSR, and USA

Unit 2

Agriculture, agrarian and land relations and agrarian surplus in industrialisation and economic development

Unit 3

The industrialisation process

Unit 4

The factory system and making of the industrial working class

Unit 5

The role of the state in industrial and developmental transition

References

Some readings may be updated from year to year. Material for the course will be drawn from the following sources.

1. Davies, R. (1998). Soviet economic development from Lenin to Khrushchev. Chapters 1, 2, 3, 4, 5, 6, 7, 8. Cambridge University Press.
2. Dobb, M. (1966). Soviet economic development since 1917. Chapter 17. Routledge.
3. Hughes, J., Cain, L. (1994). American economic history, 4th ed. Chapters 2, 3, 7, 21. Harper Collins College Publishers.
4. Hayami, Y. (1975). A century of agricultural growth in pre-war Japan: Its relevance to Asian development. Chapters. University of Minnesota Press.
5. Hobsbawm, E. (1968). Industry and empire: An economic history of Britain since 1750. Chapters 1, 2, 3, 5, 6, 12. Weidenfeld & Nicholson.
6. Hobsbawm, E. (1984). Worlds of labour: Further studies in the history of labour. Chapter 11. Weidenfeld & Nicholson.
7. Johnson, C. (1982). MITI and the Japanese miracle: The growth of industrial policy 1925-1975. Chapter 1. Stanford University Press.
8. Macpherson, W. (1995). The economic development of Japan 1868-1941. Chapters 1, 2, 3, 4, 6. Cambridge University Press.
9. Norman, E. (2007). Japan's emergence as a modern state: Political and economic problems of the Meiji period. Chapters 3, 4. University of British Columbia Press.
10. Okochi, K., Karsh, B., Levine, S. (1974). Workers and employees in Japan: The Japanese employment relations system. Chapter 13. Princeton University Press.
11. Paul, G., Robert, C. (1990). Soviet economic structure and performance, 3rd ed. Chapters 4, 7. Harper and Row.
12. Tauger, M. (2004). Soviet peasants and collectivization 1930-39: resistance and adaptation. Journal of Peasant Studies, 31: 3-4. 427-456.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Land relations, agrarian surplus, industrialisation, role of the state

(c) ECONOMICS OF HEALTH AND EDUCATION

Course Objective

This is a course in applied economics, which will introduce the students to the study of health and education as components of human capital in the framework of economic theory.

Course Learning Outcomes

The students will learn the role of health and education in human development. They will be able to apply economic theory to understand the demand for health care, market failure in health insurance, economic evaluation of health care programmes and the role of public policy in the healthcare industry. They will also learn to analyse the returns to education, its role in labor market signalling, and the progress of schooling in India. They will also be exposed to the theories of discrimination.

Unit 1

Role of health and education in human development: health and education outcomes and their relationship with macroeconomic performance

Unit 2

Topics in health economic theory: demand for health, Grossman's model of demand for health, information asymmetry in healthcare demand, and the health insurance market, physician induced demand, adverse selection and moral hazard in health insurance

Unit 3

Economic evaluation of health care: cost effectiveness and cost-benefit analysis; valuing life

Unit 4

Public policy in the health sector; externalities in health and health care; rationale for government intervention in the health sector

Unit 5

Education: investment in human capital; rate of return to education: private and social; quality of education; signalling of human capital; theories of discrimination; gender and caste discrimination in India

Unit 6

Education sector in India: an overview

References

1. Bhattacharya, J., Hyde, T., Tu, P. (2014). Health economics, Palgrave Macmillan.
2. Ehrenberg, R., Smith, R. (2012). Modern labor economics: Theory and public policy, 11th ed. Addison Wesley.
3. World Development Report (1993). Investing in Health. The World Bank.
4. World Health Organisation (2013). The economics of the social determinants of health and health inequalities: A resource book. World Health Organisation.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Education, health, economics, India

(d) ENVIRONMENTAL ECONOMICS

Course Objective

This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions viewed as externalities and their management through various economic institutions, economic incentives and other instruments and policies. Methods for analysing economic implications of environmental policy are also addressed as well as the valuation of environmental

quality, assessment of environmental damages, and tools needed for the evaluation of projects such as cost-benefit analysis, and environmental impact assessments. Selected topics on international environmental issues are also discussed.

Course Learning Outcomes

The module aims to introduce students to the main theoretical and empirical concepts in environmental economics, equip students with a thorough analytical grasp of environmental policy theory, ranging from externalities to international environmental agreements, and familiarise students with the main issues in environmental valuation and with the basic features of the environmental policy tools. At the end of the module the students should be able to demonstrate their understanding of the economic concepts of environmental policy. In some models, the student will be required to deal with simple algebra problems that will help them to better understand these concepts, use diagrammatic analysis to demonstrate and compare the economic welfare effects of various environmental policy options, demonstrate their understanding of the usefulness and problems related to environmental valuation, and demonstrate their critical understanding of environmental policies.

Unit 1

Introduction: What is environmental economics? Review of microeconomics and welfare economics

Unit 2

The theory of externalities: Pareto optimality and market failure in the presence of externalities; property rights and the Coase theorem

Unit 3

The design and implementation of environmental policy: overview; Pigouvian taxes and effluent fees; tradable permits; choice between taxes and quotas under uncertainty; implementation of environmental policy

Unit 4

International environmental problems: trans-boundary environmental problems; economics of climate change; trade and environment

Unit 5

Measuring the benefits of environmental improvements: non-market values and measurement methods; risk assessment and perception

Unit 6

Sustainable development: concepts; measurement

References

1. Aldy, J. et al. (2010). Designing climate mitigation policy. *Journal of Economic Literature*, 48, 903-934.
2. Cropper, M., Oates, W. (1992). Environmental economics: A survey, *Journal of Economic Literature*, 30, 675-740.
3. Heal, G. (2012). Reflections - defining and measuring sustainability. *Review of Environmental Economics and Policy*, 6, 147-163.
4. Kolstad, C. (2010). *Intermediate environmental economics*, 2nd ed. Oxford University Press.
5. Newell, R., Pizer, W., Raimi, D. (2013). Carbon markets 15 years after Kyoto: Lessons learned, new challenges. *Journal of Economic Perspectives*, 27, 123- 46.
6. Perman, R., Ma, Y., McGilvray, J., Common, M. (2011). *Natural resource and environmental economics*, 3rd ed. Pearson Education/Addison Wesley.

7. Stavins, R. (ed.) (2012). Economics of the environment: Selected readings, 5th ed. W. W. Norton.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Pollution, externalities, natural resources

(e) MONEY AND FINANCIAL MARKETS

Course Objective

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organisation, structure, and role of financial markets and institutions. It also discusses interest rates, monetary management, and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

Course Learning Outcomes

This allows students to understand current monetary policies and financial market outcomes. It also enables them to critically evaluate policies.

Unit 1

Money: concept, functions, measurement; theories of money supply determination.

Unit 2

Financial institutions, markets, instruments, and financial innovations

Role of financial markets and institutions; problems of adverse selection and moral hazard; financial crises

Money and capital markets: organisation, structure, and reforms in India; role of financial derivatives and other innovations

Unit 3

Interest rates

Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India

Unit 4

Banking System

Balance sheet and portfolio management

Indian banking system: changing role and structure; banking sector reforms

Unit 5

Central banking and monetary policy

Functions, balance sheet; goals, targets, indicators, and instruments of monetary control; monetary management in an open economy; current monetary policy of India

References

1. Baye, M., Jansen, D. (2006). Money, banking and financial markets. AITBS.
2. Bhole, L., Mahukud, J.(2017). Financial institutions and markets, 6th ed. Tata McGraw-Hill.
3. Fabozzi, F., Modigliani, F., Jones, F., Ferri, M.(2010). Foundations of financial markets and institutions, 4th ed. Pearson Education.
4. Jadhav, N. (2009). Monetary policy, financial stability and central banking in India. Macmillan.

5. Khan, M. (2015). Indian financial system, 9th ed. Tata McGraw-Hill.
6. Mishkin, F., Eakins, S. (2017). Financial markets and institutions, 8th ed. Pearson.
7. Mohan, R. (2011). Growth with financial stability: Central banking in an emerging market. Oxford University Press.
8. Various latest issues of RBI Bulletins, Annual Reports, Reports on Currency and Finance, and Reports of the Working Group, IMF Staff Papers.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Money, financial institutions, financial innovations, banking, monetary policy

(f) Open Economy Macromonics

Course Objective

This course intends to emphasise on how a country's relations to the rest of the world influence aggregate economic activity, employment, exchange rate and inflation and forms the scope for monetary and fiscal policy. The course includes a thorough introduction to the foreign exchange market and a discussion of world level interactions. A major part of the course deals with the dynamic effects (effects over time) of economic shocks and policies. The course prepares the student for taking part in professional discussions about the design of monetary and fiscal policy and for any kind of work where it is important to have a good understanding of macroeconomic fluctuations (e.g. for making predictions of macro variables, for choosing investment where the return depend on macro developments) when the economies are open.

Course Learning Outcomes

The student will know how exchange rates, interest rates and capital movements between currencies are determined within different institutional settings for monetary policy (e.g. inflation targeting versus money supply targeting or exchange rate targeting), how a country's current account balance is determined, or, which amounts to the same, how capital movements between countries are determined, how shocks emanating abroad or in the foreign exchange market affect output, employment, inflation and interest rates, how the effects of changes in fiscal and monetary policy and shifts in private sector behaviour are modified through the foreign exchange markets and foreign trade, the role of cost competitiveness in the determination of economic activity, the different responses to economic shocks in the traded-goods and non-traded goods sectors of the economy, how the effects of policy actions and economic shocks are transmitted from country to country in the world economy, and the merits of different exchange rate systems (fixed versus flexible, monetary unions). In particular, you will learn more about the effects over time as flows accumulate to stocks and as the economy moves towards long-run equilibrium. At the end of course the will acquire to analyze the effects of macroeconomic events on the future time path of the economy, analyse how forces inherent in the initial state of the economy will tend to change the economy over time, discuss how current and future events may influence the exchange rate through expectations, and come up with policy suggestions and consider their effects over time.

Unit 1

Open-Economy Macroeconomics and Exchange Rates: National Income accounting and balance of payment; Exchange Rates and the Foreign Exchange Market; Money, Interest Rates, and Exchange Rates; Price Levels and the Exchange Rate in the Long Run; Output and the Exchange Rate in the Short Run; Fixed Exchange Rates and Foreign Exchange Intervention

Unit 2

International Macroeconomic Policy: International Monetary Systems: An Historical Overview; Financial Globalization: Opportunity and Crisis; Optimum Currency Areas and the Euro; Developing Countries: Growth, Crisis, and Reform

References

1. Feenstra, R., Taylor, A. (2014). International economics, 3rd ed. Worth Publishers.
2. Krugman, P., Obstfeld, M., Melitz, M. (2018). International economics: Theory and policy, 11th ed. Pearson Education.
3. Pugel, T. (2015). International Economics, 16th ed. McGraw-Hill Education.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Open economy, international economics, exchange rate

(g) Law and Economics

Course Objective

While law is a non-market institution, it impacts market and non-market outcomes. By shaping incentive structure for the private individuals and the government entities, legal rules play important role in functioning of an economy. Indeed, legal rules can have astounding effects on allocation and use of resources. Besides, legal rules greatly affect the distribution of different forms of wealth. This course will illustrate how legal rules are amenable to economic analysis, and how different legal rules can lead to different outcomes in terms of allocative efficiency and distribution.

Course Learning Outcomes

This course will familiarise students with the economic approach towards thinking about the law and public policy. Students will come to recognise the law as an important organising force that influences the actions of private citizens as well as government agencies. Students will also learn how the law can support and, at times conflict with, the functioning of the market and the government, the other two important organising forces of an economy. The course will enhance critical thinking and an inter-disciplinary approach towards the law, economics, and policymaking. Thereby, the course will help to develop an inter-disciplinary approach and enhance the employability of students.

Unit 1

Law and economics: efficiency criteria in welfare economics; Coase theorem; prisoners' dilemma. Contracts; role of contracts for the functioning of markets; efficient contracts; damages measures and their efficiency properties; property rights and their role in resource allocation; Coase theorem; legal remedies for breach of

property rights and their economic effects; liability for accidents and harms; product liability; efficiency of liability rules; efficiency-compensation trade-off. Litigation - its causes and consequences; benefits of legal certainty

Unit 2

Law and public policy; land and property; market and non-market mechanisms for allocation and transfer of land; land markets; eminent domain – the land acquisition law; land-pooling. Contracts for provisions of public goods: procurement contracts; government provisions vs. public-private partnerships; cost-quality trade-off. Intellectual Property Rights (IPRs): patents, copyright and trademarks. Cost and benefits of private IPRs; individual rights vs. common good

References

1. Cooter, R., Ulen, T. (2013). Law and economics. Pearson.
2. Hart, O. (2003). Incomplete contracts and public ownership: Application to public-private partnerships. *The Economic Journal*, 113, 69-76.
3. Miceli, T. (2012). *The theory of eminent domain: Private property, public use*, 2nd ed. Cambridge University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Law, policy, economics

ENVIRONMENTAL STUDIES

Course Learning Outcomes

The course will empower the undergraduate students by helping them to:

- i. Gain in-depth knowledge on natural processes and resources that sustain life and govern economy.
- ii. Understand the consequences of human actions on the web of life, global economy, and quality of human life.
- iii. Develop critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.
- iv. Acquire values and attitudes towards understanding complex environmental economic- social challenges, and active participation in solving current environmental problems and preventing the future ones.
- v. Adopt sustainability as a practice in life, society, and industry.

Unit 1

Introduction to Environmental Studies (2 lectures)

- Multidisciplinary nature of environmental studies; components of environment: atmosphere, hydrosphere, lithosphere, and biosphere
- Scope and importance; Concept of sustainability and sustainable development; Brief history of environmentalism

Suggested Readings

- i. Raven, P.H, Hassenzahl, D.M., Hager, M.C, Giff, N.Y., and Berg, L.R. (2015). *Environment*, 8th Edition. Wiley Publishing, USA. Chapter 1 (Pages: 1-17); Chapter 2 (Pages: 22-23); Chapter 3 (Pages: 40, 41); Chapter 4 (Pages: 64, 66).

- ii. Singh, J.S., Singh, S.P., and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapter 1 (Page: 3-28).

Unit 2

Ecosystems (6 lectures)

- Definition and concept of Ecosystem
- Structure of ecosystem (biotic and abiotic components); Functions of Ecosystem: Physical (energy flow), Biological (food chains, food web, ecological succession), and Biogeochemical (nutrient cycling) processes. Concepts of productivity, ecological pyramids and homeostasis
- Types of Ecosystems: Tundra, Forest, Grassland, Desert, Aquatic (ponds, streams, lakes, rivers, oceans, estuaries); importance and threats with relevant examples from India
- Ecosystem services (Provisioning, Regulating, Cultural, and Supporting); Ecosystem preservation and conservation strategies; Basics of Ecosystem restoration

Suggested Readings

1. Odum, E.P., Odum, H.T., and Andrews, J. (1971). Fundamentals of Ecology. Saunders, Philadelphia, USA. Chapter 1 (Pages: 1-16); Chapter 2 (Pages: 18-76); Chapter 10 (Pages: 414-458).
2. Raven, P.H., Hassenzuhl, D.M., Hager, M.C, Gift, N.Y., and Berg, L.R. (2015). Environment, 9th Edition. Wiley Publishing, USA. Chapter 3 (Pages: 38-52); Chapter 4 (Pages: 53-62); Chapter 5 (Pages: 100-103); Chapter 6 (Pages: 106-128).
3. Singh, J.S., Singh, S.P., and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapter 13 (Pages: 307-323); Chapter 18 (Pages: 420-442); Chapter 28 (Pages: 747-769).

Unit 3

Natural Resources (8 lectures)

- Land resources: Minerals, soil, agricultural crops, natural forest products, medicinal plants, and forest-based industries and livelihoods; Land cover, land use change, land degradation, soil erosion, and desertification; Causes of deforestation; Impacts of mining and dam building on environment, forests, biodiversity, and tribal communities
- Water resources: Natural and man-made sources; Uses of water; Over exploitation of surface and ground water resources; Floods, droughts, and international & interstate conflicts over water
- Energy resources: Renewable and non-renewable energy sources; Use of alternate energy sources; Growing energy needs; Energy contents of coal, petroleum, natural gas and bio gas; Agro-residues as a biomass energy source
Case studies: Contemporary Indian issues related to mining, dams, forests, energy, etc (e.g., National Solar Mission, Cauvery river water conflict, Sardar Sarovar dam, Chipko movement, Appiko movement, Tarun Bharat Sangh, etc)

Suggested Readings

1. Gadgil, M. and Guha, R. (1993). This Fissured Land: An Ecological History of India. University of California Press, Berkeley, USA. (pp. 1-245).
2. McCully, P. (1996). Rivers no more: the environmental effects of dams, In: Silenced Rivers: The Ecology and Politics of Large Dams, Zed Books, New York, USA. Page. 29-64.
3. Raven, P.H., Hassenzuhl, D.M., Hager, M.C, Gift, N.Y. and Berg, L.R. (2015). Environment, 9th Edition. Wiley Publishing, USA. Chapters 10, 11, 12, 13 (Pages: 180-263); Chapter 14 (Pages: 272-275); Chapter 15 (Pages: 286-

289).Singh, J.S., Singh, S.P. and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapter 25 (Pages: 623-663).

Unit 4

Biodiversity and Conservation (8 lectures)

- Definition of Biodiversity; Levels of biological diversity: genetic, species and ecosystem diversity
- India as a mega-biodiversity nation; Biogeographic zones of India; Biodiversity hotspots; Endemic and endangered species of India; IUCN Red list criteria and categories
- Value of biodiversity: Ecological, economic, social, ethical, aesthetic, and informational values of biodiversity with examples; sacred groves and their importance with examples
- Threats to biodiversity: Habitat loss, degradation, and fragmentation; Poaching of wildlife; Man-wildlife conflicts; Biological invasion with emphasis on Indian biodiversity; Current mass extinction crisis
- Biodiversity conservation strategies: in-situ and ex-situ methods of conservation; National Parks, Wildlife Sanctuaries, and Biosphere reserves; Keystone, Flagship, Umbrella, and Indicator species; Species reintroduction and translocation
- Case studies: Contemporary Indian wildlife and biodiversity issues, movements, and projects (e.g., Project Tiger, Project Elephant, Vulture breeding program, Project Great Indian Bustard, Crocodile conservation project, Silent Valley movement, Save Western Ghats movement, etc)

Suggested Readings

1. Primack, R.B. (2014). Essentials of Conservation Biology, Oxford University Press, USA. Page. 1-536.
2. Raven, P.H, Hassenzahl, D.M., Hager, M.C, Gift, N.Y. and Berg, L.R. (2015). Environment, 9th Edition. Wiley Publishing, USA. Chapter 5 (Pages: 97-99); Chapter 16 (Pages: 299-318).
3. Singh, J.S., Singh, S.P. and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapters 24 (Pages: 599-690); Chapter 26 (Pages: 664-714).

Unit 5

Environmental Pollution (8 lectures)

- Environmental pollution (Air, water, soil, thermal, and noise): causes, effects, and controls; Primary and secondary air pollutants; Air and water quality standards
- Nuclear hazards and human health risks
- Solid waste management: Control measures for various types of urban, industrial waste, Hazardous waste, E-waste, etc;
- Waste segregation and disposal
- Pollution case studies: Ganga Action plan (GAP), Delhi air pollution and public health issues, Plastic waste management rules, Bhopal gas tragedy, etc

Suggested Readings

1. Brusseau, M.L., Pepper, I.L. and Gerba, C.P. (2019). Environmental and Pollution Science, 3rd Edition. Academic Press, USA. Chapter 16 (Pages: 243-255); Chapter 18 (Pages: 280-305); Chapter 21 (Pages: 352-358); Chapter 22 (Pages: 365-374); Chapter 23 (Pages: 378-388); Chapter 25 (Pages: 416-426).
2. Carson, R. (2002). Silent Spring. Houghton Mifflin Harcourt, USA. Pp. 1-264.

- Raven, P.H, Hassenzahl, D.M., Hager, M.C, Gift, N.Y. and Berg, L.R. (2015). Environment, 9th Edition. Wiley Publishing, USA. Chapter 19 (Pages: 359-381); Chapter 21 (Pages: 401-421); Chapter 23 (Pages: 440-453).
- Singh, J.S., Singh, S.P. and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapters 19, 20, 12 (Pages: 445-535).

Unit 6

Global Environmental Issues and Policies (7 lectures)

- Causes of Climate change, Global warming, Ozone layer depletion, and Acid rain; Impacts on human communities, biodiversity, global economy, and agriculture
- International agreements and programmes: Earth Summit, UNFCCC, Montreal and Kyoto protocols, Convention on Biological Diversity(CBD), Ramsar convention, The Chemical Weapons Convention (CWC), UNEP, CITES, etc
- Sustainable Development Goals: India's National Action Plan on Climate Change and its major missions
- Environment legislation in India: Wildlife Protection Act, 1972; Water (Prevention and Control of Pollution) Act, 1974; Forest (Conservation) Act 1980; Air (Prevention & Control of Pollution) Act, 1981; Environment Protection Act, 1986; Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006

Suggested Readings

- Divan, S. and Rosencranz, A. (2002). Environmental Law and Policy in India: Cases, Material & Statutes, 2nd Edition. Oxford University Press, India. Chapter 2 (Pages: 23-39); Chapter 3 (Pages: 41-86).
- Raven, P.H, Hassenzahl, D.M., Hager, M.C, Gift, N.Y. and Berg, L.R. (2015). Environment, 9th Edition. Wiley Publishing, USA. Chapter 19 (Pages: 370-376); Chapter 20 (Pages: 385-399).
- Singh, J.S., Singh, S.P. and Gupta, S.R. (2017). Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi. Chapter 23 (Pages: 555-598); Chapter 30 (Pages: 801-807).

Unit 7

Human Communities and the Environment (6 lectures)

- Human population growth: Impacts on environment, human health, and welfare; Carbon foot-print
- Resettlement and rehabilitation of developmental project affected persons and communities; relevant case studies
- Environmental movements: Chipko movement, Appiko movement, Silent valley movement, Bishnois of Rajasthan, Narmada Bachao Andolan, etc
- Environmental justice: National Green Tribunal and its importance
- Environmental philosophy: Environmental ethics; Role of various religions and cultural practices in environmental conservation
- Environmental communication and public awareness: case studies (e.g., CNG vehicles in Delhi, Swachh Bharat Abhiyan, National Environment Awareness Campaign (NEAC), National Green Corps (NGC) "Eco-club" programme, etc).

Suggested Readings

1. Divan, S. and Rosencranz, A. (2002). *Environmental Law and Policy in India: Cases, Material & Statutes*, 2nd Edition. Oxford University Press, India. Chapter 10 (Pages: 416-473).
2. Raven, P.H, Hassenzahl, D.M., Hager, M.C, Gift, N.Y. and Berg, L.R. (2015). *Environment*, 9th Edition. Wiley Publishing, USA. Chapter 2 (Pages: 33-36); Chapter 8 (Pages: 148-162).
3. Singh, J.S., Singh, S.P. and Gupta, S.R. (2017). *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi. Chapter 1 (Pages: 23-26); Chapter 31 (Pages: 826-842).

Field work/ Practicals

(Equal to 5 lectures, including two mandatory field visits)

- Field visit to any of the ecosystems found in Delhi like Delhi Ridge/ Sanjay lake/ Yamuna river and its floodplains etc., or any nearby lake or pond, explaining the theoretical aspects taught in the class room
- Visit to any biodiversity park/ reserve forest/ protected area/ zoo/ nursery/ natural history museum in and around Delhi, such as Okhla bird sanctuary/ Asola Bhatti Wildlife Sanctuary/ Yamuna Biodiversity Park/ Sultanpur National Park, explaining the theoretical aspects taught in the classroom
- Visit to a local polluted site (urban/rural/industrial/agricultural), wastewater treatment plants, or landfill sites, etc
- Study of common plants and animals; basic principles of identification
- Organize a seminar/ conference/ workshop/ panel discussion on relevant topics for enhancing awareness, capacity building, and critical reasoning among students

Essential Readings

1. Brusseau, M.L., Pepper, I.L., and Gerba, C.P. (2019). *Environmental and Pollution Science*, 3rd Edition. Academic Press, USA. (pp. 1-520).
2. Divan, S. and Rosencranz, A. (2002). *Environmental Law and Policy in India: Cases, Material & Statutes*, 2nd Edition. Oxford University Press, India. (pp. 1-837).
3. Gadgil, M., and Guha, R. (1993). *This Fissured Land: An Ecological History of India*. University of California Press, Berkeley, USA. (pp. 1-245).
4. Raven, P.H, Hassenzahl, D.M., Hager, M.C, Gift, N.Y., and Berg, L.R. (2015). *Environment*, 8th Edition. Wiley Publishing, USA. (pp. 1-472).
5. Singh, J.S., Singh, S.P., and Gupta, S.R. (2017). *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi. (pp.1-842)

Weekly Lesson Plan

Week 1

Multidisciplinary nature of environmental studies; components of environment: atmosphere, hydrosphere, lithosphere, and biosphere

Scope and importance; Concept of sustainability and sustainable development; Brief history of environmentalism

Week 2

Definition and concept of Ecosystem: Structure of ecosystem (biotic and abiotic components); Functions of Ecosystem: Physical (energy flow), Biological (food chains, food web, ecological succession), and Biogeochemical (nutrient cycling)

processes. Concepts of productivity, ecological pyramids and homeostasis

Week 3

Types of Ecosystems: Tundra, Forest, Grassland, Desert, Aquatic (ponds, streams, lakes, rivers, oceans, estuaries); importance and threats with relevant examples from India

Ecosystem services (Provisioning, Regulating, Cultural, and Supporting); Ecosystem preservation and conservation strategies; Basics of Ecosystem restoration

Week 4

Land cover, land use change, land degradation, soil erosion, and desertification; Causes of deforestation; Impacts of mining and dam building on environment, forests, biodiversity, and tribal communities

Natural and man-made sources of water; Uses of water; Over exploitation of surface and ground water resources; Floods, droughts, and international & inter-state conflicts over water

Week 5

Renewable and non-renewable energy sources; Use of alternate energy sources; Growing energy needs; Energy contents of coal, petroleum, natural gas and bio gas; Agro-residues as a biomass energy source

Case studies: Contemporary Indian issues related to mining, dams, forests, energy, etc (e.g., National Solar Mission, Cauvery river water conflict, Sardar Sarovar dam, Chipko movement, Appiko movement, Tarun Bharat Sangh, etc).

Week 6

Definition of Biodiversity; Levels of biological diversity; India as a mega-biodiversity nation; Biogeographic zones of India; Biodiversity hotspots; Endemic and endangered species of India; IUCN Red list criteria and categories

Value of biodiversity: Ecological, economic, social, ethical, aesthetic, and informational values of biodiversity with examples; sacred groves and their importance with examples

Week 7-8

Threats to biodiversity: Habitat loss, degradation, and fragmentation; Poaching of wildlife; Man-wildlife conflicts; Biological invasion with emphasis on Indian biodiversity; Current mass extinction crisis; Biodiversity conservation strategies: in-situ and ex-situ methods of conservation; National Parks, Wildlife Sanctuaries, and Biosphere reserves; Keystone, Flagship, Umbrella, and Indicator species; Species reintroduction and translocation

Case studies: Contemporary Indian wildlife and biodiversity issues, movements, and projects (e.g., Project Tiger, Project Elephant, Vulture breeding program, Project Great Indian Bustard, Crocodile conservation project, Silent Valley movement, Save Western Ghats movement, etc)

Week 9

Environmental pollution (Air, water, soil, thermal, and noise): causes, effects, and controls; Primary and secondary air pollutants; Air and water quality standards
Related case studies

Week 10

Nuclear hazards and human health risks; Control measures for various types of urban, industrial waste, Hazardous waste, E-waste, etc; Waste segregation and disposal
Related case studies

Week 11

Causes of Climate change, Global warming, Ozone layer depletion, and Acid rain; Impacts on human communities, biodiversity, global economy, and agriculture

International agreements and programmes: Earth Summit, UNFCCC, Montreal and Kyoto protocols, Convention on Biological Diversity(CBD), Ramsar convention, The Chemical Weapons Convention (CWC), UNEP, CITES, etc

Week 12

Sustainable Development Goals: India's National Action Plan on Climate Change and its major missions

Wildlife Protection Act, 1972; Water (Prevention and Control of Pollution) Act, 1974; Forest (Conservation) Act 1980; Air (Prevention & Control of Pollution) Act, 1981; Environment Protection Act, 1986; Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006

Week 13

Human population growth: Impacts on environment, human health, and welfare; Carbon foot-print; Resettlement and rehabilitation of developmental project affected persons and communities; relevant case studies; Environmental movements: Chipko movement, Appiko movement, Silent valley movement, Bishnois of Rajasthan, Narmada Bachao Andolan, etc; Environmental justice: National Green Tribunal and its importance

Week 14

Environmental philosophy: Environmental ethics; Role of various religions and cultural practices in environmental conservation Environmental communication and public awareness: case studies (e.g., CNG vehicles in Delhi, Swachh Bharat Abhiyan, National Environment Awareness Campaign (NEAC), National Green Corps (NGC) "Eco-club" programme, etc)

Week 15-16

Practical/project

- Field visit to any of the ecosystems found in Delhi like Delhi Ridge/ Sanjay lake/ Yamuna river and its floodplains etc., or any nearby lake or pond, explaining the theoretical aspects taught in the class room
- Visit to any biodiversity park/ reserve forest/ protected area/ zoo/ nursery/ natural history museum in and around Delhi, such as Okhla bird sanctuary/ Asola Bhatti Wildlife Sanctuary/ Yamuna Biodiversity Park/ Sultanpur National Park, explaining the theoretical aspects taught in the classroom
- Visit to a local polluted site (urban/rural/industrial/agricultural), wastewater treatment plants, or landfill sites, etc
- Organize a seminar/ conference/ workshop/ panel discussion on relevant topics for enhancing awareness, capacity building, and critical reasoning among students
- Basic exercise to Calculate and Assess carbon footprint/ Solid waste generation/ water consumption for a specific duration at individual/ family/ college/ locality level.

Teaching Learning process

The teaching–learning methodologies are designed to provide the undergraduate students a comprehensive understanding of the subject in a simplistic manner as well as evoke critical reasoning and analytical thinking among them. The various approaches to teaching–learning process include classroom lectures, video presentations, and ICT enabled teaching tools. For enhancing practical understanding, field visits are encouraged to relevant places in Delhi like Biodiversity parks, Protected areas, Wetlands, Sewage treatment plants, etc.

Assessment methods

1. Written examinations (Semester exams, Internal assessment)
2. Project work and reports related to field visits and practical learning
3. Assignment/presentations on any contemporary environmental issue

Keywords

Environment, Ecosystem, Biodiversity, Conservation, Pollution, Natural Resources, Environmental Degradation, Protection, Sustainable Development, Climate Change, Environmental Justice, Environmental Ethics, Environmental Communication

COMMUNICATION: (ENGLISH/HINDI) ABILITY ENHANCEMENT COURSE COMPULSORY Paper 1: ENGLISH/MIL COMMUNICATION

Course Objectives

Effective communication is an essential skill for success in any sphere of activity, from leadership responsibilities, teamwork, interviews, presentations, and inter-personal relations. This is a skill that needs to be taught in a systematic manner so that students imbibe the fundamentals of communication. The art of persuasive speaking and writing depends crucially on clarity of thought and contextual understanding expressed through appropriate vocabulary. The ability to think critically is crucial for a good communicator and involves an understanding of the communicative process. Therefore, we need to study every stage of this process systematically in order to be much more effective at communicating successfully - in interviews, public speaking, letter writing, report writing, presentations, and inter-personal debates and conversations.

Learning Outcomes

Students will master the art of persuasive speech and writing.
Students will master the art of listening, reading, and analyzing. Students will spend the bulk of their time in class in practical exercises of reading and writing.
Students will develop critical thinking skills. They will be introduced to established principles of academic reading and writing.

Facilitating the Achievement of Course Learning Outcomes

Unit No.	Course Learning Outcomes	Teaching and Learning Activity	Assessment Tasks
1.	Understanding concepts	Interactive discussions in small groups in Tutorial classes	Reading material together in small groups initiating discussion topics participation in discussions
2.	Expressing concepts through writing	How to think critically and write with clarity	Writing essay length assignments
3.	Demonstrating conceptual and textual understanding in tests and exams	Discussing exam questions and answering techniques	Class tests

Course Content

Unit 1

Introduction

Theory of communication, types and modes of communication (Introductions to all five sections)

Unit 2

Language of Communication

Verbal and non-verbal, spoken and written

Personal communication

Social communication

Business communication

Barriers and Strategies

Intra-personal Communication

Inter-personal Communication

Group communication

Unit 3

Speaking Skills

Monologue

Dialogue

Group Discussion

Effective Communication

Mis-Communication

Interview

Public Speech

Unit 4

Reading and Understanding,

Close Reading,

Comprehension,

Summary,

Paraphrasing,

Analysis,

Interpretation,

Translation from Indian languages to English and vice versa

Literary/Knowledge, Texts

Unit 5

Writing Skills

Documenting

Report writing

Making notes

Letter writing

Suggested Teaching Plan

Week 1

1. Introduction

Week 2 and 3

Language of Communication

Verbal and non-verbal, spoken and written

Personal communication,

Social communication,

Business communication,

Barriers and Strategies,

Intra-personal Communication,

Inter-personal Communication,

Group communication.

Week 4, 5 and 6

Speaking Skills

Monologue

Dialogue,

Group Discussion,

Effective Communication,

Mis-Communication,

Public Speech.

Week 7, 8 and 9

Reading and Understanding

Close Reading,

Comprehension,

Summary,

Paraphrasing,

Analysis,

Interpretation,

Translation from Indian languages to English and vice versa

Literary/Knowledge, Texts

Week 10-13 5. Writing Skills

Documenting,

Report writing,

Making notes,

Letter writing,

Week 14

Revision and clarifying concepts

Keywords

Critical reading

Comprehension,

Summary,

Paraphrase,

Translation,

Context,

Argumentation,

Perspective,

Reception,

Audience,

Evaluation,

Synthesis,

Verbal communication,

Non-verbal communication,

Personal communication,

Social communication,

Barriers to communication,

Intra-personal communication,

Inter-personal communication,

Group discussion,

Miscommunication,

Public speech,

Literary knowledge,

Writing skills,

Documentation,

Report writing,

Note taking, Letter writing.

MIL Comm.

हिंदी भाषा और सम्प्रेषण (स्नातक स्तर के सभी पाठ्यक्रमः
बी.ए./बी.एस.सी./बी.कॉम. ऑनर्स और प्रोग्राम के सभी विद्यार्थियों के लिए)

इकाई-1 : भाषिक सम्प्रेषण : स्वरूप और सिद्धांत

- सम्प्रेषण की अवधारणा और महत्त्व
- सम्प्रेषण की प्रक्रिया
- सम्प्रेषण के विभिन्न मॉडल
- सम्प्रेषण की चुनौतियाँ

इकाई-2 : सम्प्रेषण के प्रकार

- मौखिक और लिखित
- वैयक्तिक और सामाजिक
- व्यावसायिक
- भ्रामक सम्प्रेषण (**Miss Communication**)
- सम्प्रेषण बाधाएँ और रणनीति

इकाई-3 : सम्प्रेषण के माध्यम

- एकालाप
- संवाद
- सामूहिक चर्चा
- प्रभावी सम्प्रेषण

इकाई-4 : पढ़ना और समझना

- गहन अध्ययन
- अब्योहार
- सार और अन्वय
- विश्लेषण और व्याख्या
- अनुवाद

सहायक ग्रंथ

- हिंदी का सामाजिक संदर्भ — रवींद्रनाथ श्रीवास्तव
- सम्प्रेषण-परक व्याकरण : सिद्धांत और स्वरूप — सुरेश कुमार
- प्रयोग और प्रयोग — वी.आर. जगन्नाथ
- कुछ पूर्वाग्रह — अशोक वाजपेयी
- भाषाई अस्मिता और हिंदी — रवींद्रनाथ श्रीवास्तव
- रचना का सरोकार — विश्वनाथ प्रसाद तिवारी
- भारतीय भाषा चिंतन की पीठिका — विधानिवास मिश्र

GENERIC ELECTIVE

GE-1. (A) INTRODUCTORY MICROECONOMICS (DEPT. OF ECONOMICS)

(Only for B.Com. (H) Students)

Course Objective

This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Learning Outcomes

The course introduces the students to the first course in Economics from the perspective of individual decision making as consumers and producers. The students learn some basic principles of microeconomics, interactions of supply and demand and characteristics of perfect and imperfect markets.

Unit 1

Introduction What is microeconomics? Scope and method of economics; the economic problem: scarcity and choice; the concept of opportunity cost; the question of what to produce, how to produce and how to distribute output; science of economics; Institutions for allocating resources; the basic competitive model; prices, property rights and profits; incentives and information; rationing; positive versus normative analysis. The Scientific method; the role of assumptions; models and mathematics; why economists sometimes disagree. Interdependence and gains from trade; specialisation and trade; absolute advantage; comparative advantage and trade

Unit 2

Supply and demand: Markets and welfare Markets and competition; determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; how prices allocate resources; elasticity and its application; controls on prices; taxes and the costs of taxation; consumer surplus; producer surplus and the efficiency of the markets. Application to international trade; comparison of equilibria with and without trade, the winners and losers from trade; effects of tariffs and quotas; benefits of international trade; some arguments for restricting trade

Unit 3

The households The consumption decision - budget constraint, consumption and income/price changes, demand for all other goods and price changes; description of preferences (representing preferences with indifference curves); properties of indifference curves; consumer's optimum choice; income and substitution effects; labour supply and savings decision - choice between leisure and consumption

Unit 4

The Firm and Perfect Market Structure Behaviour of profit maximizing firms and the production process; short run costs and output decisions; costs and output in the long run

Unit 5

Imperfect Market Structure Monopoly and anti-trust policy; government policies towards competition; imperfect competition

Unit 6

Input Markets Labour and land markets - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product);

demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; and labour markets and public policy

References

1. Bernheim, B., Whinston, M. (2009). Microeconomics. Tata McGraw-Hill.
2. Mankiw, N. (2007). Economics: Principles and applications, 4th ed. Cengage Learning.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Supply, demand, elasticity, consumer behaviour, firm behaviour, perfect and imperfect markets

GE-1. (A) BASICS OF ACCOUNTING (Dep. of Commerce) (Only for B.A. (H) Economics Students)

Course Objective

This course provides students a firm foundation in basic accounting concepts and methodology and also acquaints them with the changes taking place in the preparation and presentation of financial statements in accordance to the applicable accounting standards and relevant Acts.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: gain an understanding of theoretical framework of accounting

CO2: explain the concept of accounting equation and accounting process

CO3: develop understanding of depreciation and inventory

CO4: understand financial statements of a company

CO5: state the meaning, objectives and significance of different types of ratios.

Course Contents

UNIT 1: Introduction to Accounting

Accounting- concept, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information, Basic Accounting Terms- Business Transaction, Capital, Drawings. Liabilities (Non-Current and Current). Assets (Non-Current, Current); Fixed assets (Tangible and Intangible), Expenditure (Capital and Revenue), Expense, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Accounting Concepts, Principles and Conventions, Introduction to financial accounting standards, System of Accounting. Basis of Accounting: cash basis and accrual basis

UNIT 2: Concepts Related to Income Determination

Voucher and Transactions: Source documents and Vouchers, Rules of Debit and Credit. Recording of Transactions: Books of Original Entry- Journal, Special Purpose books: Cash Book: Simple, cash book with bank column and petty cashbook (simple practical problems), Purchases book, Sales book, Purchases return book, Sales return book (theory only), Bank Reconciliation Statement: Need and preparation, Trial

balance: Objectives and preparation, preparation of trading, profit & loss account and Balance sheet of sole proprietorship concerns.

UNIT 3: Business Income

Depreciation: Concept, Features, Causes, factors affecting depreciation. Other similar terms: Depletion and Amortisation. Methods of Depreciation: Straight Line Method (SLM) Written Down Value Method (WDV) (Excluding change of method), Difference between SLM and WDV; Advantages of SLM and WDV

Inventory Valuation: Meaning, Significance of inventory Valuation, Inventory record systems: Periodic and perpetual, Methods: FIFO, LIFO and Weighted Average

UNIT 4: Financial Statements of companies

Understanding and reading financial statement of companies

UNIT 5: Financial Statement Analysis

Objectives, importance and limitations, Accounting Ratios: Meaning, Objectives, classification and computation. (Simple numerical only)

References

1. Grewal, T S. Introduction to Accounting. S Chand and Company, New Delhi.
2. Monga, J R. Basic Corporate Accounting. Mayur Publication, New Delhi.
3. Monga, J R. Basic Financial Accounting. Mayur Publication, New Delhi.
4. Sehgal, Ashok & Deepak Sehgal. Fundamentals of Financial Accounting. Taxmann, New Delhi.

Additional Resources

1. Charles T Horngren, Gart L Sundem, John A. Elliot and Donna R Philbrick. Introduction to Financial Accounting, Pearson.
2. Leonardo, A. Robinson, James R. Qanis, C. Wayne Alderman, Accounting Information Systems: A cycle Approach. Publisher Wiley
3. Marshall, B Romney and Paul, John Steinbart, Accounting Information Systems, Pearson Education Limited.
4. Robert, L. Hurt, Accounting Information Systems: Basic Concepts and Current Issues, McGraw Hill.

Note: Latest edition of readings may be used

Teaching Learning Process

Theory/ numerical with examples

Assessment Tasks

Class participation, Presentation, Practical's, Viva/ test, End Semester Exam

Keywords

Accounting Process, Trial Balance, Trading & Profit and Loss Account, Depreciation, Accounting, Ratio

BUSINESS ORGANISATION AND MANAGEMENT (Dept. of Commerce) (Only for B.A. (H) Economics Students)

Course Objective

The course aims to familiarize the non-commerce students with the world of business organisation and management.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: learn business activities to compete in competitive world.

CO2: understand entrepreneurship from local to international perspective.

CO3: evaluate the application of functional areas of business activity.

CO4: analyze decision making and communication.

CO5: evaluate the impact of legal, social, and economic environment on business.

Course Contents

Unit I: Introduction to Organisations & Management

Meaning and pervasiveness of organisations; Range of business activities; Meaning and importance of management in organisations; Perspectives on experiencing business- Consumer's point of view-app-based, web-based and in-store commerce; Producer's point of view- thinking end-to-end, from farm to fork, from the ultimate source of supply to the consumer, supply chain and distribution channels; Careers in business ownership and management point of view- thinking domains (functions) and verticals (industries).

Unit II: Entrepreneurship: Founding the Business

Entrepreneur-Entrepreneurship-Enterprise; Process of entrepreneurship; Entrepreneurs as the persons behind businesses; Stories of local, national and international businesspersons.

Unit III: Organisation of Business

Ownership forms- proprietary and corporate; Unorganized (informal enterprises) versus organized (registered/incorporated enterprises); Business families and family business, multinational businesses; Domains/functions of business- an overview-reinforcing career options- of production & operations, marketing, accounting, finance and HR.

Unit IV: Management of Business

Overview of functions of management and managerial roles in business; Managerial levels, skills/competencies; Decision-making techniques; Motivation; Leadership and Communication – exemplary practices in developing people as individuals and teams.

Unit V: Context of Business

Interface between business, government, society and natural environment; Industry analysis; business level strategy formulation.

Practical

Project Work

References

1. Barry, J., Chandler, J., Clark, H., Johnston, R., & Needle, D. (1999). Organisation and Management: A Critical Text . Cengage Learning.
2. Basu, C. (2017). Business Organisation and Management. McGraw Hill Education.
3. Burton G. and Thakur, M. Management Today: Principles and Practice. New Delhi. Tata McGraw Hill.
4. Buskirk, R.H., et al. Concepts of Business: An Introduction to Business System. New York. Dryden Press.
5. Chhabra, T. N. Business Organisation and Management. Sun India Publications. New Delhi.
6. Griffin, R. W., Phillips, J. M., & Gully, S. M. (2017). Organisational Behavior: Managing People and Organisations. Cengage Learning.
7. Griffin. Management Principles and Application. Cengage Learning.
8. Gupta C. B. Modern Business Organisation. New Delhi. Mayur Paperbacks.
9. Kaul, V. K. (2012). Business Organisation Management. Pearson Education .
10. Koontz, H., & Wehrich, H. (2012). Essentials of Management: An International and Leadership Perspective. Paperback.
11. Singh, B. P., & Singh, A. K. Essentials of Management. New Delhi. Excel Books Pvt. Ltd.

Note: Latest edition of readings may be used

Teaching Learning Process

Learning through analysis and discussion of case studies and active participation in experiential exercises and simulations.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

App-Based Commerce, Family Business, Decision Making Techniques, Motivation, Leadership, Industry Analysis.

GE-1 (B): Generic Elective

Paper 1: THE INDIVIDUAL AND SOCIETY (Dept. of English)

Course Objective

This anthology introduces students to the various issues that face society today – caste, class, race, gender violence, and globalization. It serves as an effective entry point to an understanding of these areas that students will encounter in their higher studies and daily lives, and aims to provide them with a holistic understanding of these issues and their complexities.

Facilitating the Achievement of Course Learning Outcomes

1	Understanding concepts	Interactive discussions in small groups in Tutorial classes	Reading material together in small groups initiating discussion topics participation in discussions
2	Expressing concepts through writing	How to think critically and write with clarity	Writing essay length assignments
3	Demonstrating conceptual and textual understanding in tests and exams	Discussing exam questions and answering techniques	Class tests

Course Contents

Prescribed text:

Sood, Vinay, ed. The Individual and Society: Essays, Stories and Poems. Delhi: Pearson, 2005.

Unit 1

Caste and Class

Chapters 1, 2, 3, 4, 5, 6

Unit 2

Gender

Chapters 8, 9, 10, 12, 13, 15

Unit 3

Race

Chapters 16, 17, 18, 19

Unit 4

Violence and War

Chapters 22, 23, 25, 26

Unit 5

Living in a Globalized World

Chapters 29, 31, 32, 34

Essential Reading

Note: This is a text-based course, and students will be examined on all the prescribed readings in Units 1 through 5. The text, *The Individual and Society*, is therefore to be considered essential reading.

Teaching Plan

Week 1 – Unit 1-- Caste/Class

Week 2 – Unit 1 contd.

Week 3 – Unit 1 contd

Week 4 – Unit 2 -- Gender

Week 5 – Unit 2 contd.

Week 6 – Unit 2 contd.

Week 7 – Unit 2 contd.

Week 8 – Unit 3 -- Race

Week 9 – Unit 3contd

Week 10 – Unit 4 -- Violence and War Week 11 – Unit 4contd

Week 12 – Unit 5 -- Living in a Globalized World

Week 13 – Unit 5 contd.

Week 14 – Concluding lectures, discussion on exam pattern, etc.

Keywords

Individual

Society

Caste

Class

Gender

Race

Violence

Globalisation

GE-1. (C) CALCULUS (Dept. of Mathematics)

Total Marks: 100 (Theory: 75, Internal Assessment: 25)

Workload: 5 Lectures, 1 Tutorial (per week) **Credits:** 6 (5+1)

Duration: 14 Weeks (70 Hrs.)

Examination: 3 Hrs.

Course Objectives:

The main aim of this course is to learn about applications of derivatives for sketching of curves and conics and applications of definite integrals for calculating volumes of solids of revolution, length of plane curves and surface areas of revolution. Various notions related to vector-valued functions and functions of several variables are

discussed in this course.

Course Learning Outcomes:

This course will enable the students to:

- i) Sketch the curves in Cartesian and polar coordinates as well as learn techniques of sketching the conics
- ii) Visualize three dimensional figures and calculate their volumes and surface areas.
- iii) Understand limits, continuity and derivatives of functions of several variable and vector-valued functions.

Unit 1: Applications of Derivatives and Limits

The first derivative test, Concavity and inflection points, Second derivative test, Curve sketching using first and second derivative test; Limits at infinity, Horizontal asymptotes, Vertical asymptotes, Graphs with asymptotes; L'Hôpital's rule.

Unit 2: Applications of Definite Integrals

Volumes by slicing, Volumes of solids of revolution by the disk method, Volumes of solids of revolution by the washer method, Volume by cylindrical shells, Length of plane curves, Arc length of parametric curve, Area of surface of revolution

Unit 3: Conics, Vector-Valued Functions and Partial Derivatives

Techniques of sketching conics, Reflection properties of conics; Polar coordinates, graphing in polar coordinates; Vector-valued functions: Limits, Continuity, Derivatives, Integrals, Arc length, Unit tangent vector, Curvature, Unit normal vector; Functions of several variables: Graphs and level curves, Limits and continuity, Partial derivatives and differentiability, The chain rule, Directional derivatives and gradient vectors, Tangent plane and normal line, Extreme values and saddle points.

References:

1. Anton, Howard, Bivens, Irl, & Davis, Stephen (2013). Calculus (10th ed.). John Wiley & Sons Singapore Pvt. Ltd. Reprint (2016) by Wiley India Pvt. Ltd. Delhi.
2. Strauss, M. J., Bradley, G. L., & Smith, K. J. (2007). Calculus (3rd ed.). Dorling Kindersley (India) Pvt. Ltd. (Pearson Education). Delhi. Sixth impression 2011.

Additional Reading:

- i. Thomas, Jr. George B., Weir, Maurice D., & Hass, Joel (2014). Thomas' Calculus (13th ed.). Pearson Education, Delhi. Indian Reprint 2017.

Teaching Plan (GE-1: Calculus):

Weeks 1 and 2: The first derivative test, Concavity and inflection points, Second derivative test, Curve sketching using first and second derivative test. [2] Chapter 4 (Section 4.3).

Weeks 3 and 4: Limits at infinity, Horizontal asymptotes, Vertical asymptotes, Graphs with asymptotes; L'Hôpital's rule [2] Chapter 4 (Sections 4.4, and 4.5). [1] Chapter 3 (Section 3.3), and Chapter 6 (Section 6.5).

Weeks 5 and 6: Volumes by slicing, Volumes of solids of revolution by the disk method, Volumes of solids of revolution by the washer method, Volume by cylindrical shells. [1] Chapter 5 (Sections 5.2, and 5.3).

Week 7: Length of plane curves, Arc length of parametric curves, Area of surface of revolution. [1] Chapter 5 (Sections 5.4, and 5.5).

Week 8: Techniques of sketching conics, Reflection properties of conics.[1] Chapter 10 (Section 10.4).

Week 9: Polar coordinates, Graphing in polar coordinates.

[1] Chapter 10 (Section 10.2).

Week 10: Vector-valued functions: Limit, continuity, Derivatives, Integrals, Arc length, Unit tangent vector, Curvature, Unit normal vector. [1] Chapter 12 (Sections

12.1 to 12.5).

Weeks 11 and 12: Functions of several variables: Graphs, Level curves, Limits and continuity, Partial derivatives and differentiability. [1] Chapter 13 (Section 13.1 to 13.4).

Week 13: Functions of several variables: The chain rule, Directional derivatives and gradient vectors. [1] Chapter 13 (Sections 13.5, and 13.6).

Week 14: Functions of several variables: Tangent plane and normal line, Extreme values and saddle points. [1] Chapter 13 (Sections 13.7, and 13.8).

Facilitating the Achievement of Course Learning Outcomes.

Unit No.	Course Learning Outcomes	Teaching and Learning Activity	Assessment Tasks
1	Sketch the curves in Cartesian and polar coordinates as well as learn techniques of sketching the conics.	(i) Each topic to be explained with examples. (ii) Students to be involved in discussions and encouraged to ask questions.	<ul style="list-style-type: none"> • Student presentations. • Participation in discussions. • Assignments and class tests. • Mid-term examinations. • End-term examinations.
2	Visualize three dimensional figures and calculate their volumes and surface areas	(iii) Students to be given homework/ assignments. (iv) Students to be encouraged to give short presentations.	
3	Understand limits, continuity and derivatives of functions of several variable and vector-valued functions.		

Keywords:

Concavity, Asymptotes, Curve sketching, L'Hôpital's rule, Volumes of solids of revolution, Sketching of conics, Vector-valued functions, Functions of several variables.

GE-1. (D) हिंदी सिनेमा (Dept. of Hindi)

इकाई 1- कला विधा के रूप में सिनेमा और उसकी सैद्धांतिकी

इकाई 2- हिंदी सिनेमा : उद्भव और विकास

इकाई 3- सिनेमा में कैमरे की भूमिका

इकाई 4- नई तकनीक और सिनेमा - संभावनाएँ और चुनौतियाँ

(संदर्भ - मुगल-ए-आज़म, मदर इंडिया, दीवार, पीके)

प्रथम सेमेस्टर में हिंदी का यह जेनेरिक इलेक्टिव पाठ्यक्रम बहुत रोचक एवं ज्ञानवर्धक है। यह बीकॉम (ऑनर्स) तथा बीए (ऑनर्स) अर्थशास्त्र के उन सभी विद्यार्थियों के लिए उपयोगी है, जो अपने सामान्य पाठ्यक्रम के अतिरिक्त कुछ नया जानना और सीखना चाहते हैं। हिंदी सिनेमा पूरे विश्व में बॉलीवुड के नाम से धूम मचा रहा है। यह हिंदी एवं भारतीय संस्कृति के प्रचार- प्रसार में महत्वपूर्ण भूमिका निभा रहा है। हिंदी सिनेमा के विविध पक्षों की जानकारी देने वाला यह पाठ्यक्रम शिक्षा को उबाऊ और नीरस नहीं होने देता, अपितु उसे मनोरंजक एवं सरस बनाता है। चार प्रमुख हिंदी फिल्मों के संदर्भ में हिंदी सिनेमा के अतीत और वर्तमान में प्रयुक्त नई तकनीक और उसमें निहित संभावनाओं- चुनौतियों पर भी चर्चा की जाती है। इस जेनेरिक इलेक्टिव को पढ़कर विद्यार्थी मीडिया, फिल्म समीक्षा, फिल्म निर्माण आदि विविध क्षेत्रों में जाकर पैसा और शोहरत दोनों कमा सकते हैं।

GE-1. (E) POLITICS OF GLOBALIZATION (Dept. of Political Science)

Course Objective

The objective of this generic elective paper is to make students from diverse background understand the process of globalization from a political perspective. This paper will create a broad understanding of the issues and processes globalization based on critical analysis of the various anchors and dimensions of globalization.

Course Learning Outcomes

- The students will learn about the nature, significance and contemporary debates around globalization.
- The study of various approaches and concepts of globalization and the role of international economic organizations will augment students' knowledge on international political economy.
- The course will provide an insight into the alternative understanding of globalization and various critical aspects related to it
- The paper will equip students with a comprehensive knowledge of the impact of globalization on developing countries in the context of contemporary international issues like civil society, social movements and human migration

Unit 1

Concept of Globalization: Globalization debate; for and against.

Unit 2

Approaches to understanding globalization: a) Liberal approach b) Radical approach

Unit 3

International Institutions/Regimes

- a) World Bank
- b) International Monetary Fund
- c) The World Trade Organization

Unit 4

Issues in Globalization: Alternative Perspectives on its nature and character, critical dimensions: economic, political and cultural

Unit 5

Globalization and democracy: State, sovereignty and the civil society.

Unit 6

Globalization and Politics in developing countries

- a) Globalization and social movements
- b) Globalization and the demise of Nation State
- c) Globalization and human migration

Unit 7

The inevitability of globalization: Domestic and Global responses

References

1. J. Baylis, Smith and Owens, eds. (2017) *The Globalization of World Politics: An Introduction to International Relations*, New York: Oxford University Press.
2. Joseph E. Stiglitz (2018), *Globalization and Its Discontents Revisited: Anti-*
3. *Globalization in the Era of Trump*, New York: W.W. Norton & Company.
4. Jagdish Bhagwati (2007), *In Defense of Globalization*, Oxford, Oxford University Press.
5. Manfred B. Steger (2017) *Globalization: A Very Short Introduction*, New York:

- Oxford University Press.
6. Paul Hirst, G. Thompson and S. Bromley (2009), *Globalization in Question*, Malden, Polity Press.
 7. John Clark (ed.), (2003) *Globalizing Civic Engagement: Civil Society and Transnational Action*, London, Earthscan.
 8. Sanjeev Khagram, James Riker and Korthrxu Sikkink (ed.) (2002) *Restructuring World Politics: Transnational Social Movements*, MN, University of Minnesota Press. Bernard Hoelkman and Michel Kostecki, *the Political Economy of the World 8. Trading System: From GATT to WTO*, New York, OUP.
 9. Arjun Appadurai, (1996), *Modernity at Large: Cultural Dimensions of Globalisation*, University of Minnesota Press.
 10. Deepak Nayyar (ed.) (2002), *Governing Globalization: Issues and Institutions*, Oxford University Press.
 11. Held, David and Anthony Mc grew (ed.), (2003), *The Global Transformation Reader: An introduction to the Globalization Debate*, 2nd Cambridge, Polity Press, Blackwell Publishing.
 12. Joseph E Stiglitz, (2002), *Globalisation and its Discontents*, US, W.W. Norton and Company.
 13. Noreena Hertz, (2000), *The silent take over: Global Capitalism and the death of Democracy*, Praeger.
 14. Nye Joseph S and John D. Donanu (ed.) (2000) *Governance in a Globalizing World*, Washington dc, Brooking Institution Press.
 15. Tyler Cowen, (2000) *Creative Destruction: How Globalization is changing the world's culture*, New Jersey, Princeton University Press.

Additional Resources:

Classic Readings

- David Held and Anthony McGrew, et.al (1999) *Global Transformation: Politics, Economy and Culture*, Stanford, Stanford University Press.
- David Held and Anthony McGrew (2003), eds., *the Global Transformations Reader: An Introduction to the Globalization Debate*, Malden, Polity Press.

Additional Readings

- Keohane Robert and Joseph S. Nye Jr. (Spring 2002), "Globalization: What is new, what is not", *Foreign Policy*, No.118. pp. 104-119, Washington. Newsweek Interactive, LLC. Marc Lindenberg and Coralie Bryant, *Going Global: Transforming Relief and Development NGOs*, Bloomfield, Kumarian Press.
- Sen, A. (2006) *Identity and Violence: Illusion and Destiny*. London: Penguin/Allen Lane, ch.7, pp.130-148.

Readings in Hindi

1. पुषेश पन (2016), भूमंडलीकरण एवं भारत, िदली:एक्स पिबिशं ग.

Teaching Learning Process

The Course titled Politics of Globalization under Generic Elective (Interdisciplinary) in CBCS, B.A. (Hons.) Political Science aims to acquaint the students about various nuances of globalization. Therefor the teaching learning process will help students acquaint with the linkages between theory and practice. The students will be engaged in classroom lectures with power-point presentations. Short documentary or relevant videos will be screened. This will be followed by group discussions and debate. To inculcate criticality among the student's contemporary issues will be discussed. Students will be also familiarized with contemporary jargons and issues.

Assessment Methods

The students will be assessed according to their performance in internal exam and end semester exam. Besides, students will also be assessed according to their performance in class discussions. Students will be given take home tests and will be encouraged to make presentations.

Keywords

Globalization, Migration, World Bank, IMF, WTO, Global South

GE-1. (F): YOGA AND STRESS MANAGEMENT

PART A: THEORY

Duration: 2 Hrs

Unit –I : Introduction

- 1.1 Meaning , Definition and Importance of Yoga
- 1.2 Origin and Historical development of yoga
- 1.3 Ashtanga yoga (Maharishi Patanjali) : Yama, Niyama, Asana, Pranayam, Pratyahar, Dharna, Dhyana, Samadhi and their importance

Unit –II : Yoga-Asanas, Pranayams and Shat Karmas

- 2.1. Meaning, Procedure, Precautions and Benefits of the following Asanas: Meditative Asanas (Vajarasana, Padmasana, Swastikasana, Sukhasana); Supine Position Asanas (Ardh-Halāsana, Sarvangasana, Chakrasana, Pawanmuktasana); Prone Position Asanas (Bhujangasana, Salabhasana, Dhanurasana); Sitting Asanas (Utkatasana, Hanumanasana, Trikonasana and Tadasana)
- 2.2. Meaning, Procedure, Precautions and Benefits of the following Pranayamas: Anulom-Vilom, Suryabhedhen, Ujjayi, Bhrameri, Sheetalī, Sheetkari Pranayamas
- 2.3. Meaning Procedure, Precautions and Benefits of the following Shatkarmas: Kapalbharti, Trataka, Neti and Vaman Dhauti.

Unit- III : Stress Management

- 3.1. Concept, Causes and Effects of Stress
- 3.2. Non-communicable diseases (due to stress), Stress prevention and good health
- 3.3. Stress Management through relaxation techniques (autogenic training and progressive muscle relaxation, deep breathing meditation), and sports, recreational, adventure Sports, Physical activities as coping strategies

PART B : PRACTICAL

- 1 Suryanamaskar and any five asanas
- 2 Pranayamas (any two) and Shat-karmas/Kriyas (any one)
- 3 Practice Meditation for 5-10 minutes.

Assessment of Practical

Practical (Demonstration/ Performance)	: 10 Marks
Viva	: 10 Marks
Record Book all topic of practical	: 05 Marks

PART C: INTERNAL ASSESSMENT

Presentation / Written Test	: 10 Marks
Project / Assignment	: 10 Marks
Attendance	: 05 Marks

MARKING SCHEME: THEORY = 50 Marks, Practical = 25, Internal Assessment = 25 Marks

SEMESTER CREDITS FOR THE PAPER = 6 CREDITS

- Each period will be of one hour.
- 4 theory periods per week semester = 4 credits
- 4 Practical periods per week semester = 2 credits

INSTRUCTIONS TO THE EXAMINERS

- The examiners will set nine questions (eight descriptive and one short notes containing three options whereby, a student has to attempt any two) equally distributed throughout the entire syllabus.
- The students will be required to attempt any five questions.
- Each question will carry ten marks.

SUGGESTED READING

- 1 Davis M. et al (2008). The Relaxation and Stress Reduction workbook. Harbinger Publications. USA.
- 2 Greenberg J.S. (2008). Comprehensive Stress Management. McGraw Hill, USA.
- 3 Hipp E. (2008). Fighting Invisible Tigers: Stress Management for Teens. Free Spirit Publishing, USA.
- 4 Iyenger, B.K.S. (1995). Light on Yoga: The Bible of Modern Yoga USA: Schocken Publishers.
- 5 Kumari, Sheela, S; Rana, Amita; and Kaushik, Seema (2009), A Practical Workbook on fitness, Aerobics and Gym Operations, KhelSahitya, New Delhi.
- 6 Sharma, J.P. (2006), Yoga Shiksha Ek Parichaya, Delhi: Friends Publications.

GE-2. (A) INTRODUCTORY MACROECONOMICS (Dept. of Economics) (Only for B.Com. (H) Students)

Course Objective

This course aims to introduce the students to the basic concepts of Macroeconomics. Macroeconomics deals with the aggregate economy. This course discusses the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variable like GDP, savings, investment, money, inflation, and the balance of payments. It also introduces students to simple analytical frameworks (e.g., the IS-LM model) for determination of equilibrium output.

Course Learning Outcomes

This course will allow students to understand the basic functioning of the macroeconomy.

Unit 1

Introduction to macroeconomics and national income accounting Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts

Unit 2

Money Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy

Unit 3

Inflation and its social costs; hyperinflation

Unit 4

The closed economy in the short run Classical and Keynesian systems; simple Keynesian model of income determination; IS-LM model; fiscal and monetary multipliers

References

1. Abel, A., Bernanke, B. (2016). *Macroeconomics*, 9th ed. Pearson Education.
2. Blanchard, O. (2018). *Macroeconomics*, 7th ed. Pearson Education.
3. Dornbusch, R., Fischer, S., Startz, R. (2018). *Macroeconomics*, 12th ed. McGraw-Hill.
4. Jones, C. (2016). *Macroeconomics*, 4th ed. W. W. Norton.
5. Mankiw, N. (2016). *Macroeconomics*, 9th ed. Worth Publishers.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

GDP, BOP, money, inflation, classical model, Keynesian model

GE-2. (A) ENTREPRENEURSHIP (Dept. of Commerce) (Only for B.A. (H) Economics Students)

Course Objective

The course aims at imparting basic knowledge on entrepreneurship and new enterprise creation so as to provide an opportunity to students to opt for entrepreneurship as an alternative career option as well as provide opportunity towards greater exposure to entrepreneurial process through hands-on training.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand entrepreneurship as volition in context of India.

CO2: gather knowledge and ideas on the existing support system for entrepreneurial orientation.

CO3: understand enterprise formation process for gaining ideas as to creation of an enterprise for pursuing a career.

CO4: understand requirements of post-enterprise creation for effective operation of the business.

CO5: gain knowledge on available growth strategies for implementing effective suitable strategy for expansion and growth.

Course Contents

Unit I: Introduction

Entrepreneurship- meaning and importance, entrepreneurship in Indian context, entrepreneurship as a creative solution provider, meaning of various terms related to entrepreneurship- intrapreneurship, social entrepreneurship, net entrepreneurship, technopreneurship.

Unit II: Entrepreneurial Eco-System

Socio-economic support system for entrepreneurship; Public and private system of stimulation; Role of development institutes, availability of finance, marketing, technology and project related assistance; Role of trade associations and self-help groups for promotion of entrepreneurship; Types of business entities- micro, small

and medium enterprises, role of MSME sector in Indian economy family businesses in India; Conflicts in family business; Startup Action Plan; Make in India initiative.

Unit III: Enterprise Formation Process

Understanding and analyzing business opportunities, market demand analysis, project feasibility study; preparation of business plan; Start ups and basic start ups problems, sources of financing business start ups; Cases of Indian start ups (practical knowledge on preparation of business plan/project report shall be imparted).

Unit IV: Managerial Aspects of Business

Managing finance- preparation of operating/cost budget, cash budget; Understanding management of short term and long term capital; Human resource planning; Contract management; Understanding marketing methods; Understanding of GST and other tax compliances.

Unit V: Managing Growth

Business growth strategies specific to small enterprises; Enterprise life cycle and various growth strategies; Business collaboration and outsourcing of resources; Network management; Succession planning for sustenance.

Practical

Visit to new enterprise for securing ideas and knowledge on enterprise creation process and effecting an interaction with the entrepreneur is an essential requirement for learners for ensuring the propensity of entrepreneurial orientation among the students.

References

1. Brandt, S. C. Entrepreneurship: The Ten Commandments for Building a Growth Company. MacMillan Business Books.
2. Holt, D. H. Entrepreneurship: New Venture Creation. New Delhi: Prentice Hall of India.
3. Panda, S. C. Entrepreneurship Development. New Delhi: Anmol Publications.
4. Taneja, S., & Gupta, S. L. Entrepreneurship Development-New Venture creation. New Delhi: Galgotia Publishing House.

Additional Resources

- Dollinger, M. J. Entrepreneurship: Strategies and Resources. Illinois: Irwin.
- Vasper, K. H. New Venture Strategies (Revised Edition). New Jersey: Prentice-Hall.

Note: Latest edition of readings may be used

Teaching Learning Process

Direct interactive class room teaching method for ensuring learning objectives is suggested in this course.

Assessment Methods

Class tests, Assignments based evaluation on various entrepreneurial opportunities, Class participation, Presentations, End-semester examination

Keywords

Intrapreneurship, Technopreneurship, Basic Start Ups, Enterprise Life Cycle, Social Entrepreneurship, Family Business, GST.

**GE- 2(Aa): FINANCE FOR NON-FINANCE EXECUTIVES (Dept. of
Commerce)
(Only for B.A. (H) Economics Students)**

Course Objective

To familiarize non-finance executives with the basic concepts of finance.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand the overview of finance, concept of time value of money as well as concept of risk & return

CO2: learn financial analysis with the aid of various financial statements & analyze capital budgeting process and techniques.

CO3: analyze cost of capital, capital structure and leverage

CO4: examine dividend & working capital dividend decisions

CO5: perform valuation of securities

Course Contents

Unit: I Introduction

Meaning and importance of Finance. Time Value of money (Compounding & Discounting), Risk & Return. Alternative investment options, Sources of Long term financing and short term financing.

Unit: II Financial Analysis & Capital Budgeting

Types of Financial Statements- Income Statement, Balance Sheet, Ratio Analysis: Meaning, Significance and Limitations. Current Ratio, Quick Ratio, Absolute Liquidity Ratio, Debt-Equity Ratio, Interest Coverage Ratio, Inventory Turnover Ratio, Debtors Turnover Ratio, Average Collection Period, Creditors Turnover Ratio, Average Payment Period, Return on Capital Employed, Earning Per Share, Dividend Per Share. Capital Budgeting Process, Capital Budgeting Techniques (Pay Back Period, Discounted payback period, NPV, IRR).

Unit: III Cost of Capital & Capital Structure

Concept of Cost of Capital and Capital Structure: Cost of Debt Capital, Cost of Preference Share Capital, Equity Share Capital, Weighted Average Cost of Capital (WACC). Meaning of Leverage. Operating Leverage, Financial Leverage, Combined Leverage.

Unit: IV Dividend Decisions & Working Capital

Types of Dividends, Dividend policies and factors affecting dividend policies. Concept of Working Capital, its components and Factors affecting working capital requirements. Contemporary issues in Finance

Unit: V Valuation of Securities

Types of Risks and Returns. Concept of Valuation, Equity Valuation & Analysis, Bond Valuation & Analysis. Portfolio Analysis

References

1. Bhargav, B, K, Finance For Non Finance Managers. Jaiko Publishing House.
2. Chandra, P. Finance Sense: Finance For Non Finance executives. Tata McGraw Hill.
3. Gabriel Hawawini, Claude Viallet, Finance For Non Finance Managers, Cengage Delmar Learning India Pvt Ltd.
4. Gene Siciliano ,Finance for Nonfinancial Managers, (Briefcase Books Series), Tata McGraw Hill
5. Tripathi, Vanita, Basic Financial Management” Taxmann Publication.

Additional Resources

1. Chandra, P. Financial Management-Theory and Practice., Tata McGraw Hill
2. Tripathi, Vanita, Fundamentals of Investments. Taxmann Publication.

Note: Latest edition of text books may be used.

Teaching Learning Process

As the course is designed To familiarize non finance executives with the essentials of finance, the teaching learning process will be based on lectures, project work/field work and cases studies

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work/field work, End Semester Examination

Keywords

Time Value of Money, Risk, Return, Financial Statements, Financial Ratio Analysis, Capital Budgeting.

GE-2. (B) CINEMATIC ADAPTATIONS OF LITERARY TEXTS (Dept. of English)

Course Objective

This paper will equip students from non-English studies backgrounds to explore the language of cinema, through their study of a canonical literary text. The study of global film adaptations of Shakespeare's Othello will focalize this paper's examination of theories of adaptation, transformation and transposition.

- Students will engage with the relationship between text and film and examine the contexts of film production in global film industries, including Hollywood and Bollywood
- As an elective English studies paper, the core focus is textual study and interpretative work, wherein the student gains skills in studying Shakespeare as much as in the language of film via appreciation of its specific features as a medium.
- The paper will focus on reception and critical work and history through the comparative framework, to examine the different contexts of production of the play and the films.

Facilitating the Achievement of Course Learning Outcomes

Sl No	Course Learning Outcomes	Teaching and Learning Activity	Assessment Tasks
1	Understanding concepts	Interactive discussions in small groups in Tutorial classes	Reading material together in small groups initiating discussion topics participation in discussions
2	Expressing concepts through writing	How to think critically and write with clarity	Writing essay length assignments
3	Demonstrating conceptual and textual understanding in tests and exams	Discussing exam questions and answering techniques	Class tests

Course Contents

Unit 1

The Language of Cinema James Monaco, 'The Language of Film: Signs and Syntax', in *How to Read a Film: The World of Movies, Media & Multimedia* (New York: OUP, 2009) Chap. 3, pp. 170–249.

Stam Robert, 'Beyond Fidelity: The Dialogues of Adaptation', in James Naremore, ed., *Film Adaptation* (New Brunswick, NJ: Rutgers University Press, 2000) pp. 54-76.

Unit 2

Shakespeare, *Othello* (play)

Unit 3

Othello (movie, dir. Stuart Burge, 1965)

Unit 4

Othello (movie, dir. Oliver Parker, 1995)

Unit 5

Omkara (movie, dir. Vishal Bhardwaj, 2006)

Essential Readings and Films

Note: This is a course on cinema and literature, and students will be examined on all the prescribed readings and films in Units 1 through 5. Therefore, all that material is to be considered essential.

Suggested Films

Pinjar (dir. Chandra Prakash Dwivedi, 2003) - Hindi

Ghare Baire (dir. Satyajit Ray, 1984) - Bangla

Kaliyattam (dir. Jayaraaj, 1997) - Malayalam

Teaching Plan

Week 1 -- Unit 1 -- The Language of Cinema

a) James Monaco, 'The Language of Film: Signs and Syntax'

b) b) Stam Robert, 'Beyond Fidelity: The Dialogues of Adaptation'

Week 2 – Unit 1 contd

Week 3 – Unit 1 contd

Week 4 – Unit 2 -- *Othello* (Shakespeare)

Week 5 – Unit 2 contd

Week 6 – Unit 3 -- *Othello* (1965 dir. Stuart Burger)

Week 7 – Unit 3 contd

Week 8 – Unit 3 contd

Week 9 – Unit 4 -- *Othello* (1995 dir. Oliver Parker)

Week 10 – Unit 4 contd

Week 11 – Unit 4 contd

Week 12 – Unit 5 --*Omkara*(2006 dir. Vishal Bhardwaj)

Week 13 – Unit 5 contd

Week 14 – Unit 5 contd

Keywords

Literature

Cinema

Text

Language

Adaptation

Transformation
Transposition

GE-2. (C) LINEAR ALGEBRA (Dept. of Mathematics)

Total Marks: 100 (Theory: 75, Internal Assessment: 25)

Workload: 5 Lectures, 1 Tutorial (per week) **Credits:** 6 (5+1)

Duration: 14 Weeks (70 Hrs.)

Examination: 3 Hrs.

Course Objectives:

The objective of the course is to introduce the concept of vectors. The concepts of linear independence and dependence, rank and linear transformations has been explained through matrices. Various applications of vectors in computer graphics and movements in a plane has also been introduced.

Course Learning Outcomes:

This course will enable the students to:

- i) Visualize the vector space in terms of vectors and the interrelation of vectors with matrices, and their application to computer graphics.
- ii) Familiarize with concepts in vector spaces, namely, basis, dimension and minimal spanning sets.
- iii) Learn about linear transformations, transition matrix and similarity.
- iv) Learn about orthogonality and to find approximate solution of inconsistent system of linear equations.

Unit 1: Euclidean space and Matrices

Fundamental operation with vectors in Euclidean space, Linear combination of vectors, Dot product and their properties, Cauchy–Schwarz inequality, Triangle inequality, Projection vectors, Some elementary results on vectors, Matrices: Gauss–Jordan row reduction, Reduced row echelon form, Row equivalence, Rank, Linear combination of vectors, Row space, Eigenvalues, Eigenvectors, Eigenspace, Characteristic polynomials, Diagonalization of matrices; Definition and examples of vector spaces, Some elementary properties of vector spaces, Subspace, Span, Spanning set for an eigenspace, Linear independence and linear dependence of vectors, Basis and dimension of a vector space, Maximal linearly independent sets, Minimal spanning sets; Application of rank: Homogenous and non-homogenous systems of linear equations; Coordinates of a vector in ordered basis, Transition matrix.

Unit 2: Linear Transformations and Computer Graphics Linear transformations:

Definition and examples, Elementary properties, The matrix of a linear transformation, Linear operator and similarity; Application: Computer graphics, Fundamental movements in a plane, Homogenous coordinates, Composition of movements; Kernel and range of a linear transformation, Dimension theorem, One to one and onto linear transformations, Invertible linear transformations, Isomorphism, Isomorphic vector spaces (to \mathbb{R}).

Unit 3: Orthogonality and Least Square Solutions

Orthogonal and orthonormal vectors, Orthogonal and orthonormal bases, Orthogonal complement, Projection theorem, Orthogonal projection onto a subspace; Application: Least square solutions for inconsistent systems, Non-unique least square solutions.

References:

1. Andrilli, S., & Hecker, D. (2016). Elementary Linear Algebra (5th ed.). Elsevier India.
2. Kolman, Bernard, & Hill, David R. (2001). Introductory Linear Algebra with Applications (7th ed.). Pearson Education, Delhi. First Indian Reprint 2003.

Additional Reading:

1. Lay, David C., Lay, Steven R., & McDonald, Judi J. (2016). Linear Algebra and its Applications (5th ed.). Pearson Education.

Teaching Plan (GE-2: Linear Algebra):

Week 1: Fundamental operation with vectors in Euclidean space \mathbb{R}^n , Linear combination of vectors, dot product and their properties, Cauchy–Schwarz inequality, Triangle inequality, Projection vectors.

[1] Chapter 1 (Sections 1.1 and 1.2).

Week 2: Some elementary results on vectors in \mathbb{R}^n ; Matrices: Gauss–Jordan row reduction, Reduced row echelon form, Row equivalence, Rank.

[1] Chapter 1 [Section 1.3 (Pages 34 to 44)].

[1] Chapter 2 [Sections 2.2 (up to Page 111), 2.3 (up to Page 122, Statement of Theorem 2.5)].

Week 3: Linear combination of vectors, Row space, Eigenvalues, Eigenvectors, Eigenspace, Characteristic polynomials, Diagonalization of matrices.

[1] Chapter 2 [Section 2.3 (Pages 122-132, Statements of Lemma 2.8, Theorem 2.9)], Chapter 3 (Section 3.4).

Week 4: Definition and examples of vector spaces, Some elementary properties of vector spaces.

[1] Chapter 4 (Section 4.1).

Week 5 and 6: Subspace, Span, Spanning set for an eigenspace, Linear independence and dependence, Basis and dimension of a vector space, Maximal linearly independent sets, Minimal spanning sets.

[1] Chapter 4 (Sections 4.2 to 4.5, Statements of technical Lemma 4.10 and Theorem 4.12).

Week 7: Application of rank: Homogenous and non-homogenous systems of linear equations; Coordinates of a vector in ordered basis, Transition matrix.

[2] Chapter 6 [Sections 6.6 (Pages 287 to 291), and 6.7 (Statement of Theorem 6.15 and examples)].

Week 8: Linear transformations: Definition and examples, Elementary properties.

[1] Chapter 5 (Section 5.1). Week 9: The matrix of a linear transformation, Linear operator and similarity.

[1] Chapter 5 [Section 5.2 (Statements of Theorem 5.5 and Theorem 5.6)].

Week 10: Application: Computer graphics, Fundamental movements in a plane, Homogenous coordinates, Composition of movements.

[1] Chapter 8 (Section 8.8).

Week 11: Kernel and range of a linear transformation, Statement of the dimension theorem and examples.

[1] Chapter 5 (Sections 5.3).

Week 12: One to one and onto linear transformations, Invertible linear transformations, isomorphism, isomorphic vector spaces (to \mathbb{R}^n).

[1] Chapter 5 [Sections 5.4, 5.5 (up to Page 378, Statements of Theorem 5.15, and Theorem 5.16)]

Week 13 and 14: Orthogonal and orthonormal vectors, orthogonal and orthonormal bases, orthogonal complement, statement of the projection theorem and examples.

Orthogonal projection onto a subspace. Application: Least square solutions for inconsistent systems, non-unique least square solutions.

[1] Chapter 6 [Sections 6.1 (up to Example 3, Page 416, Statement of Theorem 6.3), 6.2 (up to Page 435, and Pages 439 to 443, and Statement of Theorem 6.12)].

[1] Chapter 8 [Section 8.9 (up to Page 593, Statement of Theorem 8.13)]

Facilitating the Achievement of Course Learning Outcomes

Unit No.	Course Learning Outcomes	Teaching and Learning Activity	Assessment Tasks
1	Sketch the curves in Cartesian and polar coordinates as well as learn techniques of sketching the conics.	(i) Each topic to be explained with examples. (ii) Students to be involved in discussions and encouraged to ask questions.	<ul style="list-style-type: none"> • Student presentations. • Participation in discussions. • Assignments and class tests.
2	Visualize three dimensional figures and calculate their volumes and surface areas	(iii) Students to be given homework/ assignments. (iv) Students to be encouraged to give short presentations.	<ul style="list-style-type: none"> • Mid-term examinations. • End-term examinations.
3	Understand limits, continuity and derivatives of functions of several variable and vector-valued functions.		

Keywords:

Cauchy–Schwarz inequality Gauss–Jordan row reduction Basis and dimension of vector spaces, matrix of linear transformations, Orthogonality, Orthonormality, Least square solutions.

GE-2. (D) पटकथा तथा संवाद लेखन (Dept. of Hindi)

इकाई 1 - पटकथा- अवधारणा और स्वरूप

इकाई 2 - फीचर फिल्म, टीवी धारावाहिक, कहानी एवं डॉक्यूमेंट्री की पटकथा

इकाई 3 - संवाद सैद्धांतिकी और संरचना

इकाई 4 - फीचर फिल्म, टीवी धारावाहिक, कहानी एवं डॉक्यूमेंट्री का संवाद लेखन

हिंदी विभाग द्वारा दूसरे सेमेस्टर में 'पटकथा तथा संवाद लेखन' को जेनेरिक इलेक्टिव के रूप में पढ़ाया जाता है। यह बीकॉम (ऑनर्स) तथा बीए (ऑनर्स) अर्थशास्त्र के उन सभी विद्यार्थियों के लिए अत्यंत उपयोगी एवं लाभदायक है, जो व्यावहारिक रचनात्मक लेखन करके हिंदी फिल्म तथा टीवी धारावाहिकों के क्षेत्र में नाम और दाम दोनों कमाना चाहते हैं।

हिंदी सिनेमा और टीवी पर सैंकड़ों चैनलों पर प्रसारित होने वाले हजारों धारावाहिकों के लिए पटकथा और संवाद लिखने में सक्षम युवाओं की भारी माँग है। सलीम जावेद, प्रमून् जोशी जैसे रचनात्मक लेखक प्रसिद्धि के शिखर पर पहुँचे, यह पाठ्यक्रम विद्यार्थियों को वहीं पर पहुँचाने की क्षमता रखता है। व्यावहारिक रचनात्मक लेखन में रुचि रखने वाले या अनुभव पाने के इच्छुक विद्यार्थियों के लिए यह पाठ्यक्रम एक सुनहरा अवसर प्रदान करेगा। इससे विद्यार्थियों को भविष्य में पैसे के साथ पहचान भी मिल सकती है।

GE-2. (E) WOMEN, POWER AND POLITICS Dept. of Political Science)

Course Objective

This course opens up the question of women's agency, taking it beyond 'women's empowerment' and focusing on women as radical social agents. It attempts to question the complicity of social structures and relations in gender inequality. This is extended to cover new forms of precarious work and labour under the new economy.

Course Learning Outcomes

After completing this course the students will be able to:

- Understand the concept of patriarchy, feminism, family, community and state
- Understand the history of women's movement and why these movements emerged, and hence would be able to connect theory and practice.

Unit 1 Groundings (6 weeks)

1. Patriarchy (2weeks)

- a. Sex-Gender Debates
- b. Public and Private
- c. Power

2. Feminism (2 weeks)

3. Family, Community, State (2weeks)

- a. Family
- b. Community
- c. State

Unit 2 Movements and Issues (6 weeks)

1. History of the Women's Movement in India (2 weeks)

2. Violence against women (2 weeks)

3. Work and Labour (2 weeks)

- a. Visible and Invisible work
- b. Reproductive and care work
- c. Sex work

References

1. Groundings T. Shinde, (1993) 'Stree Purusha Tulna', in K. Lalitha and Susie Tharu (eds), Women Writing in India, New Delhi, Oxford University Press, pp. 221-234
2. U. Chakravarti, (2001) 'Pitrasatta Par ek Note', in S. Arya, N. Menon & J.Lokneeta (eds.) Naarivaadi Rajneeti: Sangharsh evam Muddey, University of Delhi: Hindi Medium Implementation Board, pp.1-7
3. V Geetha, (2002) Gender, Kolkata, Stree, pp. 1-20. M. Kosambi, (2007) Crossing the Threshold, New Delhi, Permanent Black, pp. 3-10; 40-46.
4. N. Menon, (2008) 'Power', in R. Bhargava and A. Acharya (eds), Political Theory An Introduction, Delhi: Pearson, pp.148-157 B.
5. Hooks, (2010) 'Feminism: A Movement to End Sexism', in C. Mc Cann and S. Kim (eds), The Feminist Reader: Local and Global Perspectives, New York: Routledge, pp. 51-57.
6. R. Delmar, (2005) 'What is Feminism?', in W. Kolmar & F. Bartkowski (eds) Feminist Theory: A Reader, pp. 27-37

7. R. Palriwala, (2008) 'Economics and Patriline: Consumption and Authority within the Household' in M. John. (ed) *Women's Studies in India*, New Delhi: Penguin pp. 414-423
8. U. Chakravarti, (2003) *Gendering Caste through a Feminist Lens*, Kolkata, Stree, pp. 139- 159.
9. C. MacKinnon, 'The Liberal State' from *Towards a Feminist Theory of State*, Available at <http://fair-use.org/catharine-mackinnon/toward-a-feminist-theory-of-the-state/chapter-8>, Accessed: 19.04.2013.

II. Movements and Issues

1. Agnihotri and V. Mazumdar, (1997) 'Changing the Terms of Political Discourse: Women's Movement in India, 1970s-1990s', *Economic and Political Weekly*, 30 (29), pp. 1869-1878.
2. R. Kapur, (2012) 'Hecklers to Power? The Waning of Liberal Rights and Challenges to Feminism in India', in A. Loomba *South Asian Feminisms*, Durham and London: Duke University Press, pp. 333-355
3. N. Menon, (2004) 'Sexual Violence: Escaping the Body', in *Recovering Subversion*, New Delhi: Permanent Black, pp. 106-165
4. P. Swaminathan, (2012) 'Introduction', in *Women and Work*, Hyderabad: Orient Blackswan, pp.1-17
5. J. Tronto, (1996) 'Care as a Political Concept', in N. Hirschmann and C. Stephano, *Revising the Political*, Boulder: Westview Press, pp. 139-156.
6. Darbar Mahila Samanwaya Committee, Kolkata (2011) 'Why the so-called Immoral Traffic (Preventive) Act of India Should be Repealed', in P. Kotiswaran, *Sex Work*, New Delhi, Women Unlimited, pp. 259-262
7. N. Jameela, (2011) 'Autobiography of a Sex Worker', in P. Kotiswaran, *Sex Work*, New Delhi: Women Unlimited, pp. 225-241

Additional Resources:

1. K. Millet, (1968) *Sexual Politics*, Available at <http://www.marxists.org/subject/women/authors/millett-kate/sexualpolitics.htm>, Accessed: 19.04.2013.
2. S. de Beauvoir (1997) *Second Sex*, London: Vintage. F. Engels, *Family, Private Property and State*, Available at <http://readingfromtheleft.com/PDF/EngelsOrigin.pdf>, Accessed: 19.04.2013.
3. S. Brownmiller, (1975) *Against our Wills*, New York: Ballantine.
4. N. Menon (2008) 'Gender', in R. Bhargava and A. Acharya (eds), *Political Theory: An Introduction*, New Delhi: Pearson, pp. 224-233
5. R. Hussain, (1988) 'Sultana's Dream', in *Sultana's Dream and Selections from the Secluded Ones – translated by Roushan Jahan*, New York: The Feminist Press. S. Ray 'Understanding Patriarchy', Available at http://www.du.ac.in/fileadmin/DU/Academics/course_material/hrge_06.pdf, Accessed: 19.04.2013.
6. Saheli Women's Centre, (2007) *Talking Marriage, Caste and Community: Women's Voices from Within*, New Delhi: monograph 114 C. Zetkin, 'Proletarian Woman', Available at <http://www.marxists.org/archive/zetkin/1896/10/women.htm>, Accessed: 19.04.2013.
7. J. Ghosh, (2009) *Never Done and Poorly Paid: Women's Work in Globalising India*, Delhi: Women Unlimited Justice Verma Committee Report, Available at <http://nlrd.org/womens-rightsinitiative/justiceverma-committee-report-download-full-report>, Accessed: 19.04.2013.

- 8.N. Gandhi and N. Shah, (1992) *Issues at Stake – Theory and Practice in the Women’s Movement*, New Delhi: Kali for Women.
- 9.V. Bryson, (1992) *Feminist Political Theory*, London: Palgrave-MacMillan, pp. 175-180; 196- 200
- 10.M. Mies, (1986) ‘Colonisation and Housewifisation’, in *Patriarchy and Accumulation on a World Scale* London: Zed, pp. 74-111, Available at <http://caringlabor.wordpress.com/2010/12/29/maria-mies-colonizationand-housewifization/>, Accessed: 19.04.2013.
- 11.R. Ghadially, (2007) *Urban Women in Contemporary India*, Delhi: Sage Publications. Saheli Women’s Centre (2001) ‘Reproductive Health and Women’s Rights, Sex Selection and feminist response’ in S Arya, N. Menon, J. Lokneeta (eds), *Nariwadi Rajneeti*, Delhi, pp. 284- 306
- 12.V. Bryson (2007) *Gender and the Politics of Time*, Bristol: Polity Press Readings in Hindi: D. Mehrotra, (2001) *Bhartiya Mahila Andolan: Kal, Aaj aur Kal*, Delhi: Books for Change
- 13.G. Joshi, (2004) *Bharat Mein Stree Asmaanta: Ek Vimarsh*, University of Delhi: Hindi Medium Implementation Board
- 14.N. Menon (2008) ‘Power’, in R. Bhargava and A. Acharya (eds) *Political Theory: An Introduction*, New Delhi: Pearson
- 15.N. Menon (2008) ‘Gender’, in R. Bhargava and A. Acharya (eds) *Political Theory: An Introduction*, New Delhi, Pearson R.
16. Upadhyay and S. Upadhyay (eds.) (2004) *Aaj ka Stree Andolan*, Delhi: Shabd Sandhan.
- 17.मेनन, निवेदिता, साधना आयरऔर िजनी लोकनीता (ed.), नारीवादी राजनीतः संघर्षएवं मुदे, िदली: िहं दी माघम कारनय िनवेशालय,2001.

Teaching Learning Process

The teaching-learning process for this course would involve class lectures, class discussion, class presentation, debates on contemporary issues and relevant cases. Teaching would also involve methods like power point and film screening.

Assessment Methods

Students will be assessed at different stages during the course learning process. After completing every unit they will be asked to take part in group discussions on any one important event or issue relevant for that unit. They will also do one presentation and one assignment.

Keywords

patriarchy, feminism, family, community, power, state, movement

GE – 2 (F) OBESITY MANAGEMENT

PART A: THEORY

Duration: 2 Hrs

Unit – I : Obesity & Its Assessment

- 1.1 Concept and Causes Of Obesity
- 1.2 Health Risks Associated with Obesity
- 1.3 Assessment of Obesity- Body Mass Index (BMI), Waist-Hip Ratio, Skinfold Thickness (Abdomen, Triceps, thigh, Supra-iliac)

Unit – II: Management of Obesity through Diet

- 2.1 Nutrition and Balance Diet
- 2.2 Dietary Aids and Gimmicks
- 2.3 Obesity and Weight Management through Diet

Unit – III: Weight Management through physical activities and Behaviour modification

- 3.1 importance of maintaining Healthy Weight; Weight Management and Energy Balance
- 3.2 Principles of weight management; Aerobics & anaerobic activities
- 3.3 Behaviour Modifications technique for weight management

PART B : PRACTICAL

- 1 Use BMI to identify the actual body weight status and desirable body weight status of at least ten students.
- 2 Calculate BMR and Waist-Hip ratio of at least ten students.
- 3 Measurement of Body Composition for calculating body fat and lean body mass.

Assessment of Practical

Practical (Demonstration/ Performance)	: 10 Marks
Viva	: 10 Marks
Record Book all topic of practical	: 05 Marks

PART C: INTERNAL ASSESSMENT

Presentation / Written Test	: 10 Marks
Project / Assignment	: 10 Marks
Attendance	: 05 Marks

MARKING SCHEME: THEORY = 50 Marks, Practical = 25 Internal Assessment = 25 Marks

SEMESTER CREDITS FOR THE PAPER = 6 CREDITS

- Each period will be of one hour.
- 4 theory periods per week semester = 4 credits
- 4 Practical periods per week per semester = 2 credits

INSTRUCTIONS TO THE EXAMINERS

- The examiners will set nine questions (eight descriptive and one short notes containing three options whereby, a student has to attempt any two) equally distributed throughout the entire syllabus.
- The students will be required to attempt any five questions.
- Each question will carry ten marks.

SUGGESTED READING

- 1 Auspaugh, D.J., Hamrick, M.H., & Rosato, F.D.(2006). Wellness: Concepts and applications. Mc Graw-Hill Companies.
- 2 Caliendo, M.A. (1981). Nutrition and Prevention health care. Macmillan.
- 3 Hales, D. (2006). An invitation to health. Cengage Learning.
- 4 Hoeger, W W.K. & Hoeger, S.A.(2007). Fitness & Wellness.Belmont,USA:Thomson Wadsworth
- 5 Howley, E.T., & Franks, B.D.(1986)Health/Fitness Instructor's Handbook. Human kinetics Publishers, Inc, Marketing Director, Box 5076, Champaign, II.
- 6 Kansal D.K. (2012). Test Measurement and Evaluation. Sports Spiritual Science Publications, New Delhi.

- 7 Kumari, S.S., Rana, A., & Kaushik, S. (2008). Fitness, Aerobics & Gym Operations. New Delhi: KhelSahitya Kendra.
- 8 Sharma K. et al (2014), Fitness Aerobics & Gym Operation, Jyoti Enterprises, Delhi.
- 9 Tiwari S.(1999). Exercise Physiology, Sports Publications, Delhi.

**GE-3. (A) DATA ANALYSIS
OR MONEY & BANKING
OR INDIAN ECONOMY I OR ECONOMIC HISTORY OF INDIA
(Only for B.Com. (H) Students)**

DATA ANALYSIS

Course Objective

This is a skill enhancement course for data analysis. The students will be given hands on training on using statistical and computing software to better visualize and understand data concepts. The course is to be delivered through 2 classroom lectures and 4 computer lab classes per week.

Course Learning Outcomes

The course will use data simulations and publicly available data sources to help students learn about data types, their organization and visual representation. They will learn how to compute summary statistics and do some basic statistical inference.

Unit 1

Introduction to the course: How can the representation and analysis of data help us study real-world problems. Publicly available data sets

Unit 2

Using Data: Available statistical software, steps in data storage, organization and cleaning

Unit 3

Visualization and Representation: Alternative forms of presenting summarizing and presenting data

Unit 4

Simple estimation techniques and tests for statistical inference

References

1. Levine, D., Stephan, D., Szabat, K. (2017). Statistics for managers using Microsoft Excel, 8th ed. Pearson.
2. Tattar, P., Ramaiah, S., Manjunath, B. (2018). A course in statistics with R. Wiley.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Data representation, statistical software, estimation

MONEY AND BANKING

Course Objective

This course highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

Course Learning Outcomes

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy.

Unit 1

Money Concept, functions, measurement; theories of money supply determination

Unit 2

Financial institutions, markets, instruments and financial innovations Role of financial markets and institutions; problem of asymmetric information – adverse selection and moral hazard; financial crises Money and capital markets: organisation, structure and reforms in India; role of financial derivatives and other innovations

Unit 3

Interest rates Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India

Unit 4

Banking system Balance sheet and portfolio management. Indian banking system: Changing role and structure; banking sector reforms.

Unit 5

Central banking and monetary policy Functions, balance sheet; goals, targets, indicators and instruments of monetary control; monetary management in an open economy; current monetary policy of India

References

1. Bhole, L., Mahukud, J. (2017). Financial institutions and markets, 6th ed. Tata McGraw-Hill.
2. Fabozzi, F., Modigliani, F., Jones, F., Ferri, M. (2010). Foundations of financial markets and institutions, 4th ed. Pearson Education.
3. Khan, M. (2015). Indian financial system, 9th ed. Tata McGraw-Hill.
4. Mishkin, F., Eakins, S. (2017). Financial markets and institutions, 8th ed. Pearson.
5. Various latest issues of RBI Bulletins, Annual Reports, Reports on Currency and Finance, and Reports of the Working Group, IMF Staff Papers.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Money, financial institutions, financial innovations, interest rate, banking, monetary policy

INDIAN ECONOMY I

Course Objective

This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post-

independence period.

Course Learning Outcomes

This course will help students understand the key issues related to the Indian economy. It will broaden their horizons and enable them to analyze current economic policy thus improving their chances of getting employed, and be more effective, in positions of responsibility and decision making.

The course also serves as the base for further study of sector specific policy discussion that is pursued in the course in the next semester.

Unit 1

Issues in Growth, Development and Sustainability

Unit 2

Factors in development: Capital formation (physical and human); technology; institutions

Unit 3

Population and economic development: Demographic trends; urbanisation

Unit 4

Employment: Occupational structure in the organised and unorganised sectors; open-under- and disguised- unemployment (rural and urban); employment schemes and their impact

Unit 5

Indian development experience: Critical evaluation of growth, inequality, poverty and competitiveness, pre- and post- reform eras

References

Given the current nature of the course, the readings will be updated every year. Selected chapters will be prescribed from:

1. Agrawal, P. (ed.) (2018). Sustaining high growth in India, Cambridge University Press.
2. Balakrishnan, P. (2007). The recovery of India: Economic growth in the Nehru era. *Economic and Political Weekly*, 42(45-46), 52-66.
3. Bloom, D. (2012). Population dynamics in India and implications for economic growth. In C. Ghate (ed.): *The Oxford handbook of the Indian economy*. Oxford University Press.
4. Case, K., Fair, R. (2007). *Principles of economics*, 8th ed. Chapter 31. Pearson.
5. Dreze, J., Sen, A. (2013). *India: An uncertain glory*. Allen Lane.
6. Kapila, U. (2009). *Economic development and policy in India*. Academic Foundation.
7. Kapila, U. (2015). *Indian economy since independence*, 26th ed. Academic Foundation.
8. Mehrotra, S. (2015). *Realising the demographic dividend Policies to achieve inclusive growth in India*. Cambridge University Press.
9. Ministry of Finance. *Economic survey (latest)*
10. Ministry of Finance. *Finance commission report (latest)*
11. Mohan, R. (2014). *Pressing the Indian growth accelerator: Policy imperatives*. IMF papers.
12. Todaro, M., Smith, S. (2011). *Economic development*, 11th ed. Pearson.
13. United Nations Development Programme. (2010). *Human development report 2010*. Palgrave Macmillan.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Indian economic development, government policy

ECONOMIC HISTORY OF INDIA

Course Objective

This course analyses key aspects of Indian economic development during the second half of British colonial rule. In doing so, it investigates the mechanisms that linked economic development in India to the compulsions of colonial rule.

Course Learning Outcomes

The course exposes the students to understanding the intricacies of India's economic, political and social developments both in the past and present times. It develops analytical skills, and will be useful in a variety of careers in academics, research, journalism, private sector and government.

Unit 1

Colonial India: Background and introduction

Unit 2

Macro trends in national income, population, labour and occupational structure

Unit 3

Agriculture, agrarian structure and land relations

Unit 4

Railways and industry

Unit 5

Economy and state in the imperial context

References

Some readings may be updated from year to year.

1. Chatterjee, B. (1992). Trade, tariffs and empire. Oxford University Press.
2. Chaudhary, L., Gupta, B., Roy, T., Swami, A. (eds.) (2016). A new economic history of colonial India. Chapters 4, 7, 9. Routledge.
3. Guha, S. (1991). Mortality decline in early 20th century India. *Indian Economic and Social History Review*, 28(4), 371-87.
4. Habib, I. (2006). *Indian economy 1858-1914: A people's history of India*. Chapter 3, Tulika.
5. Klein, I. (1984). When rains fail: Famine relief and mortality in British India. *Indian Economic and Social History Review*, 21 (2), 185-214.
6. Kumar, D. (ed.) (1982). *Cambridge economic history of India, c.1751-c.1970*. Chapters 8, 12. Orient Longman.
7. Morris, M. (1965). Emergence of an industrial labour force in India. Chapter 11. Oxford University Press.
8. Parthasarathy, P. (2011). Why Europe grew rich and Asia did not: Global economic divergence, 1600-1850. Chapters 2, 8. Cambridge University Press.
9. Parthasarathi, P. (2009). Historical issues of deindustrialization in nineteenth century South India. In T. Roy, G. Riello (eds.): *How India clothed the world:*

- The world of South Asian textiles, 1500-1850. Brill.
10. Roy, T. (2018). A business history of India: Enterprise and the emergence of capitalism from 1700. Chapters 4, 5. Cambridge University Press.
 11. Roy, T. (2011). The economic history of India 1857-1947, 3rd ed. Chapters 3,11. Orient Longman.
 12. Subramanian, L. (2010). History of India 1707-1857. Chapter 4. Orient Blackswan.
 13. Tomlinson, B. (1975). India and the British Empire 1880-1935. The Indian Economic and Social History Review, 12(14), 337-380.
 14. Washbrook, D. (2012). The Indian economy and the British empire. In D. Peers, N. Gooptu (eds.): India and the British empire. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Colonial India, agriculture, industry, demograph

GE-3. (A) : INVESTING IN STOCK MARKETS OR FUNDAMENTALS OF MARKETING (Only for B.A. (H) Economics Students)

INVESTING IN STOCK MARKETS

Course Objective

To equip students with the basic skills required to operate in stock market. Course Learning Outcomes After completing the course, the student shall be able to:

CO1: learn the basics of investing in stock market, the investment environment as well as risk & return

CO2: analyze indian securities market including the derivatives market

CO3: examine EIC framework and conduct fundamental analysis

CO4: perform technical analysis

CO5: invest in mutual funds market

Course Contents

Unit-I: Basics of Investing

Basics of Investment & Investment Environment. Risk and Return, Instruments of Investment - Equity shares, Preference shares, Bonds and Debentures. Indian Security Markets: Primary Markets (IPO, FPO, Private placement, Offer for sale), Secondary Markets (cash market and derivative market: Futures and Options) Market Participants: Stock Broker, Investor, Depositories, Clearing House, Stock Exchanges. Role of stock exchange, Stock exchanges in India: BSE, NSE, MSEI. Security Market Indices: Nifty & Sensex, Sources of financial information. Trading in securities: types of orders, using brokerage and analyst recommendations.

Unit II: Indian Security Markets

Primary Markets (IPO, FPO, Private placement, Offer for sale), Secondary Markets (cash market and derivative market: Futures and Options) Market Participants: Stock Broker, Investor, Depositories, Clearing House, Stock Exchanges. Role of stock exchange, Stock exchanges in India: BSE, NSE, MSEI. Security Market Indices: Nifty & Sensex, Sources of financial information. Trading in securities: types of

orders, using brokerage and analyst recommendations.

Unit III: Fundamental Analysis

Top down and bottom up approaches, Analysis of international & domestic economic scenario, Industry analysis, Company analysis (Quality of management, financial analysis :Both Annual and Quarterly, Income statement analysis, position statement analysis including key financial ratios, Cash flow statement analysis, Industry market ratios: PE, PEG, Price over sales, Price over book value, EVA), Understanding Shareholding pattern of the company.

Unit-IV: Technical Analysis

Trading rules (credit balance theory, confidence index, filter rules, market breath, advances vs declines and charting (use of historic prices, simple moving average and MACD) basic and advanced interactive charts. Do's & Don'ts of investing in markets.

Unit-V: Investing in Mutual Funds

Concept and background on Mutual Funds: Advantages, Disadvantages of investing in Mutual Funds, Types of Mutual funds: Open ended, close ended, equity, debt, hybrid, money market, and entry load vs. exit load funds. Factors affecting choice of mutual funds. CRISIL mutual fund ranking and its usage, calculation and use of Net Asset Value.

References

- 1.Kumar, Vinod and Nangia, Raj Sethi, Investing in Stock Markets, Ane books
2. Singh J K , Singh Amit Kumar, Investing in Stock Markets, A K Publications, Delhi.
- 3.Tripathi, Vanita and Pawar, Neeti (2019), Investing in Stock Market, Taxmann Publications.

Additional Resources

- 1.Aswath, Damodaran, Investment Validation Tools and Technique for Determining Mutual Funds, John Wiley & Sons
 2. Chandra, Prasanna. Investment Analysis and Portfolio Management, Tata McGraw Hill
 3. Gurman and Jochnk, Fundamentals of Investing, Pearworth
 4. Madura, Jeff, Personal Finance, Pearson
- Note: Latest edition of text books may be used.**

Teaching Learning Process

As the course is designed To equip students with the basic skills required to operate in stock market the teaching learning process will be based on lectures, seminars, workshops, project work and cases studies

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work, End Semester Examination

Keywords

Investments, Indian Securities Market, Primacy Market, Secondary Market, Derivatives market, EIC Framework, Fundamental Analysis.

HUMAN RESOURCE MANAGEMENT

Course Objective

The course aims to sensitize the students with various facets of managing people in the organisations from the stage of acquisition to development and retention and to create an understanding of various policies and practices of human resource management.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: understand different tools used in forecasting and planning human resource needs.

CO2: demonstrate the ability to prepare a selection strategy for a specific job.

CO3: understand the significance of different methods of performance appraisal.

CO4: recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the work force, and comply with the legal framework.

CO5: understand modern HRM to meet the challenges of changing business environment.

Course Contents

Unit I: Introduction

Human resource management—meaning, scope, functions and importance; Role and responsibilities of HR managers; Human resource planning—meaning, objectives, problems of HRP;; Job analysis—meaning and process evaluation of factors affecting HRP, methods of data collection; Job description and specification; Job design-concept, factors affecting and methods/techniques.

Unit II: Recruitment, Selection and Development

Recruitment—meaning, process and sources (internal and external), factors affecting recruitment; Selection—meaning and process; an introduction to placement, induction, socialization; an overview of training and development; Training need analysis, methods of training, career development; Emerging trends in recruitment, selection, and development.

Unit III: Performance Appraisal

Performance appraisal—nature, objectives, process and methods (traditional and modern); Employee counseling; Job changes- transfers, promotions, and separations; Human resource audit.

Unit IV: Compensation Management and Employee Maintenance

Job evaluation; Compensation—concept, components—base and supplementary (fringe benefits, performance linked compensation—individual, group, organisation wide); Employee health, safety, welfare and social security (excluding legal provisions); Grievance handling and redressal.

Unit V: Emerging Issues in HRM

Emerging horizons posing challenges for HRM in the contemporary business environmentworkforce diversity, employee empowerment, downsizing, work- life balance, e- HRM, greenHRM, outsourcing HRM, ethics in HRM (surveillance vs. privacy); International HRM- concept, importance and models; Challenges of international HR managers; Global HR practices.

References

1. Awasthappa, K. Human Resource Management. Tata McGraw Hill Education.
2. Decenzo, D. A., & Robbins, S. P. (2011). Fundamentals of Human Resource Management . India: Wiley.
3. Dessler, G. (2017). Human Resource Management. Pearson.

4. Haldar, U., & Juthika, S. (2012). Human Resource Management (1st edition). Oxford University Press.
5. Lynton, R., & Pareek, U. Training for Development. New Delhi: Vistaar.
6. Mejia, L. R., Balkin, D. B., & Cardy, R. L. (2012). Managing Human Resources (7th edition). PHI learning private limited.
7. Muller-Camen, M., Croucher, R., & Leigh, S. (2016). Human Resource Management: A Case Study Approach . CIPD. Viva Books.
8. Pattanayak, B. (2018). Human Resource Management. Delhi. Prentice Hall of India.
9. Rao, V. Human Resource Management: Text and Cases. Excel.
- 10..Rastogi, S. Management of Human Resources. Sun India. Latest editions of the books may be used.

Teaching Learning Process

Interactive class room sessions with the help of power point presentations, case discussions and group discussions to ensure active participation and continuous learning.

Assessment Methods

Class tests/Assignments, Class participation, Presentations, End-semester examination

Keywords

Human Resource Planning, Job Analysis, Recruitment, Selection, Job Changes, Employee Health, International HRM.

FUNDAMENTALS OF MARKETING

Course Objective

The objective of this course is to provide basic knowledge of concepts, principles, tools and techniques of marketing.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1: learn the basic concepts and principles of marketing and to develop their conceptual skill to be able to manage marketing operations of a business firm.

CO2: understand the complexities involved in various targeting and positioning decisions.

CO3: take effective decisions for launching new products and to understand the implications of different pricing strategies. C04: develop the skills to design the promotion-mix strategies

C04: familiarize about the current trends in marketing to take proactive measures while taking marketing decisions

Course Contents

Unit I: Introduction

Marketing: Meaning, Nature, Scope and Importance; Marketing Philosophies; Marketing Mix; Marketing Environment- Concept and need for studying marketing environment; Micro environmental factors- company, suppliers, marketing intermediaries, customers, competitors, publics; Macro environmental factors– demographic, economic, natural, technological, politico legal and socio-cultural.

Unit II: Consumer behaviour and Market Selection

Need for studying consumer behaviour; Stages in Consumer buying decision process; Factors influencing consumer buying decisions. Market Segmentation- concept,

importance, levels and bases of segmenting consumer markets. Market Targeting– concept and factors affecting the choices for market targeting. Product Positioning– concept and bases. Product differentiation concept and bases.

Unit III: Product and Pricing Decisions

Concept and classification; Levels of Product; Product-mix dimensions; Branding– concept, functions and qualities of good brand name; Packaging and Labeling– concept and functions; Product support services; New product development process. Concept and objectives of pricing decisions; Factors affecting price of a product; Pricing methods; Pricing strategies.

Unit IV: Distribution and promotion Decisions

Channels of distribution– meaning and importance; types of distribution channels and their functions; Factors affecting choice of distribution channel; Distribution logistics– concept, importance and major logistics decisions. Wholesaling and retailing. Nature and Importance of Promotion; Promotion mix concept and distinctive characteristics of advertising, personal selling, sales promotion, public relations, publicity and direct marketing; Factors influencing promotion mix decisions.

Unit V: Developments in Marketing

Relationship Marketing; Sustainable Marketing; Rural marketing; Social marketing; Digital marketing; Legal Issues in marketing- The Consumer Protection Act, 1986; Ethical issues in marketing.

References

1. Kotler, P., Armstrong, G. and Agnihotri, P. (2018). Principles of Marketing (17th edition) Pearson Education. Indian edition. • Sharma, K., & Swati Aggarwal. (2018). Principles of Marketing. Taxmann's.
2. The Consumer Protection Act, 1986. Additional Resources
3. Etzel, M. J., Walker, B. J., Stanton, W. J., & Pandit, A. (2010). Marketing (14th ed.). Mc Graw Hill.
4. Grewal, D. & Levy, M. (2017). Marketing (5th ed.). McGraw-Hill Education.

Note: Latest editions of the books may be used.

Teaching Learning Process

The teaching learning process includes lectures, case study discussions, individual and group presentations and projects.

Assessment Methods

The assessments methods of the course include class tests, assignments, project evaluations and class presentations.

Keywords

Target Market, Product, Price, Distribution, Promotion, Segmentation, Targeting, Positioning, Branding, Packaging, Labelling, Consumer Behaviour, Marketing Environment

GE 3(B) MEDIA AND COMMUNICATION SKILLS

Course Objectives

This is an introductory course in the role of media today – India and globally. It will equip students with the basic theories on various aspects of media and impart training in basic writing skills required in the profession.

Facilitating the Achievement of Course Learning Outcomes

Unit No.	Course Learning Outcomes	Teaching and Learning Activity	Assessment Tasks
1.	Understanding concepts	Interactive discussions in small groups in Tutorial classes	Reading material together in small groups initiating discussion topics participation in discussions
2.	Expressing concepts through writing	How to think critically and write with clarity	Writing essay length assignments
3.	Demonstrating conceptual and textual understanding in tests and exams	Discussing exam questions and answering techniques	Class tests

Course Contents

Unit 1

Introduction to Mass Communication

- a) Mass Communication and Globalization
 - b) Forms of Mass Communication
- Topics for Student Presentations:
- a) Case studies on current issues Indian journalism
 - b) Performing street plays
 - c) Writing pamphlets and posters etc.

Unit 2

Advertisement

- a) Types of advertisements
 - b) Advertising ethics
 - c) How to create advertisements/storyboards
- Topics for Student Presentations:
- a) Creating an advertisement/visualization
 - b) Enacting an advertisement in a group
 - c) Creating jingles and taglines

Unit 3

Media Writing

- a) Scriptwriting for TV and Radio
 - b) Writing News Reports and Editorials
 - c) Editing for Print and Online Media
- Topics for Student Presentations:
- a) Script writing for a TV news/panel discussion/radio programme/hosting radio programmes on community radio
 - b) Writing news reports/book reviews/film reviews/TV program reviews/interviews
 - c) Editing articles
 - d) Writing an editorial on a topical subject

Unit 4

Introduction to Cyber Media and Social Media

- a) Types of Social Media
- b) The Impact of Social Media
- c) Introduction to Cyber Media

Essential Reading

Kumar, Keval J. Mass Communication in India. Jaico Publications, 1994.

Suggested Readings

Media and Mass Communication:

- Joseph, M. K. Outline of Editing. New Delhi: Anmol Publications, 2002.
- Kamath, M. V. Professional Journalism. New Delhi: Vikas Publishing House, 1980.
- Macquail, Denis. Mass Communication. New Delhi: Om Books, 2000.
- Saxena, Ambrish. Fundamentals of Reporting and Editing. New Delhi: Kanishka Publishers, 2007.

Television Journalism:

Boyd, Andrew. Broadcast Journalism: Techniques of Radio and Television News 2000 Burlington: Focal Press 6 edition, 2009.

Carroll, Brian. Writing for Digital Media. Taylor & Francis, 2010.

Cushion, Stephen. Television Journalism. Sage Publications, 2012.

Feldman, Tony. An Introduction to Digital Media. Taylor & Francis, 2004.

Teaching plan

Week 1: Introduction to mass communication and media

Week 2: Unit 1 – Mass Communication and globalization

Week 3: Unit 1 contd -- Forms of mass communication

Week 4: Unit 2 – Forms of advertisement

Week 5: Unit 2 – contd

Week 6: Unit 2 – contd

Week 7: Unit 3 – Media writing

Week 8: Unit 3 – Media writing contd

Week 9: Unit 3 – Media writing contd

Week 10: Unit 3 – Media writing contd

Week 11: Unit 4 – Introduction to cyber media

Week 12: Unit 4 – Introduction to cyber media contd

Week 13: Class presentations

Week 14: Concluding lectures and exam preparations

Keywords

Mass media

Globalisation

Development journalism

Print

Audio-visual

Advertising

Social Media

Writing skills

GE-3. (C) GE-3: Linear Programming and Game Theory (Dept. of Mathematics)

Course Objective: This course develops the ideas underlying the Simplex method computational techniques for linear programming and game theory, having applications in management, social science, industry, warfare, economics and financial sectors, etc.

Course Learning Outcomes: This course will enable the students to learn:

- i) The optimal solution for linear optimization problems subject to certain constraints.
- ii) The dual to a production problem with profits to be maximized to keep total cost down.
- iii) The transportation and Hungarian algorithm specially designed to solve the transportation and assignment problems, respectively.
- iv) The strategies for two-person, zero-sum game are obtained by solving two dual linear programming problems.

Course Contents:

Unit 1.Linear Programming Problem, Simplex Method and Duality

Introduction to Linear Programming Problem: Graphical method of solution, Basic Feasible Solutions, Linear programming and convexity; Introduction to the Simplex method: Theory of the Simplex method, Optimality and unboundedness; The Simplex tableau and examples, Artificial variables; Introduction to Duality, Formulation of the Dual problem with examples and interpretations, The Duality theorem.

Unit 2. Transportation and Assignment Problems

Definition and mathematical formulation of Transportation problem, Methods of finding initial basic feasible solutions, North West corner rule, Least- cost method, Vogel's approximation method, Algorithm for solving Transportation problem; Mathematical formulation and Hungarian method of solving Assignment problem.

Unit 3. Two-Person, Zero-Sum Games

Introduction to Game theory, Formulation of two-person, Zero-sum rectangular game, Solution of rectangular games with saddle points, Mixed strategies, Dominance principle, Rectangular Games without saddle points, Graphical and linear programming solution of rectangular games.

References:

1. Taha, Hamdy A. (2010). Operations Research: An Introduction (9th ed.). Pearson.
2. Thie, Paul R., & Keough, G. E. (2014). An Introduction to Linear Programming and Game Theory. (3rd ed.). Wiley India Pvt. Ltd.

Additional Readings:

1. Hadley, G. (1997). Linear Programming. Narosa Publishing House. New Delhi.
2. Hillier, F. S., & Lieberman, G. J. (2010). Introduction to Operations Research-Concepts and Cases (9th ed.). Tata McGraw Hill.
3. Kolman. B. and Hill, D.R. (2003). Introductory Linear Algebra with Applications. (7th ed.). Pearson Education. First Indian Reprint 2003.

Teaching Plan (GE-3: Linear Programming and Game Theory):

Week 1: Introduction to Linear Programming Problem: Graphical method of solution, Basic Feasible Solutions, Linear programming and convexity.

[2] Chapter 2 (Section 2.2), and Chapter 3 (Sections 3.1, 3.2, and 3.9).

Weeks 2 and 3: Introduction to the Simplex method: Theory of the Simplex method, Optimality and unboundedness.

[2] Chapter 3 (Sections 3.3, and 3.4).

Weeks 4 and 5: The Simplex tableau and examples, Artificial variables.

[2] Chapter 3 (Sections 3.5, and 3.6).

Weeks 6 and 7: Introduction to Duality, Formulation of the Dual problem with examples and Interpretations, Statement of the Duality theorem with examples.

[2] Chapter 4 (Sections 4.1 to 4.4).

Weeks 8 and 9: Definition and mathematical formulation of Transportation problem, Methods of finding initial basic feasible solutions, North West corner rule, Least-cost method, Vogel's approximation method, Algorithm for solving Transportation problem.

[1] Chapter 5 (Sections 5.1, and 5.3) Week 10: Mathematical formulation and Hungarian method of solving Assignment problem. [1] Chapter 5 (Section 5.4)

Weeks 11 and 12: Introduction to Game theory, Formulation of two-person, Zero-sum rectangular game, Solution of rectangular games with saddle points.

[2] Chapter 9 (Sections 9.1 to 9.3)

Weeks 13 and 14: Mixed strategies, Dominance principle, Rectangular games without saddle points, Graphical and linear programming solution of rectangular games.

[2] Chapter 9 (Sections 9.4 to 9.6)

GE-3. (D) हिंदी कहानी (Dept. of Hindi)

इकाई 1

1. उसने कहा था - चंद्रधर शर्मा गुलेरी
2. पूस की रात - प्रेमचंद
3. छोटा जादूगर - जयशंकर प्रसाद

इकाई 2

1. पाजेब - जैनेंद्र कुमार
2. तीसरी कसम - फणीश्वर नाथ रेणु
3. चीफ की दावत - भीष्म साहनी

इकाई 3

1. परिदे - निर्मल वर्मा
2. दोपहर का भोजन - अमरकांत
3. सिक्का बदल गया - कृष्णा सोवती

इकाई 4

1. जंगल जातकम - काशी नाथ सिंह
2. वापसी - उषा प्रियंवदा
3. घुसपैटिए - ओम प्रकाश

तीसरे सेमेस्टर में हिंदी विभाग द्वारा 'हिंदी कहानी' को जेनेरिक इलेक्टिव के रूप में पढ़ाया जाएगा। इसके अंतर्गत हिंदी साहित्य की चुनी हुई 12 श्रेष्ठ कहानियों के माध्यम से कहानी की व्याख्या एवं समीक्षात्मक प्रश्न हल करने का अभ्यास करवाया जाता है।

कहानी छोटे बच्चों से लेकर बड़ों तक, सभी को अच्छी लगती है। यह पाठ्यक्रम बीकॉम (ऑनर्स) तथा बीए (ऑनर्स) अर्थशास्त्र के उन सभी विद्यार्थियों के लिए उपयोगी है, जो खेल में मनोरंजक ढंग से पढ़ाई करना चाहते हैं। इस पाठ्यक्रम का अध्ययन करके विद्यार्थी अपनी कहानी-लेखन क्षमता को विकसित कर सकते हैं। पाठ्यक्रम में निर्धारित 12 कहानियाँ जीवन के विविध पक्षों को समझने, सामाजिक समस्याओं के प्रति संवेदनशील बनने तथा एक अच्छा इंसान बनने में मदद करती हैं।

GE-3. (E) Nationalism in India (Dept. of Political Science)

Course Objective

The course aims to help students understand nationalism in India in the specific historical context of the struggles against colonial rule in India. It looks at

nationalism as from different theoretical perspectives to emphasize its different dimensions both as a movement and ideology. The course begins by looking at the responses to colonial dominance in the nineteenth century, and traces the development of the anti-colonial struggle up to the mid-20th century paying attention to its social composition and different modalities through which nationalist resistance was mobilized and consolidated. It focuses subsequently, on the events leading to the Partition and independence in 1947. In the process, the course also tries to focus on the various tensions and contradictions within the discourse on nationalism and its engagement with the questions of caste, class, gender and gender.

Course Learning Outcomes

- On successful completion of the course, students would be able to:
- Gain an understanding of the different theoretical perspectives on the emergence and
- development of nationalism in India
- Demonstrate knowledge of the historical trajectory of the development of the nationalist movement in India, with specific focus on its different phases
- Understand the contribution of various social movements in the anti-colonial struggle
- Demonstrate awareness of the history of partition and the moment of independence that followed

Unit 1

Approaches to the Study of Nationalism in India (8 lectures)

Nationalist, Imperialist, Marxist, and Subaltern Interpretations

Unit 2

Reformism and Anti-Reformism in the Nineteenth Century (8 lectures)

Major Social and Religious Movements in 19th century

Unit 3

Nationalist Politics and Expansion of its Social Base (18 lectures)

- a. Phases of Nationalist Movement: Liberal Constitutionalists, Swadeshi and the Radicals; Beginning of Constitutionalism in India
- b. Gandhi and Mass Mobilisation: Non-Cooperation Movement, Civil Disobedience Movement, and Quit India Movement
- c. Socialist Alternatives: Congress Socialists, Communists

Unit 4

Social Movements (8 lectures)

- a. The Women's Question: Participation in the National Movement and its Impact
- b. The Caste Question: Anti-Brahmanical Politics
- c. Peasant, Tribals and Workers Movements

Unit 5

Partition and Independence (6 lectures)

- a. Communalism in Indian Politics
- b. The Two-Nation Theory, Negotiations over Partition

References

I. Approaches to the Study of Nationalism in India

1. S. Bandopadhyay, (2004) From Plassey to Partition: A History of Modern India, New Delhi: Orient Longman, pp.184-191.

2. R. Thapar, (2000) 'Interpretations of Colonial History: Colonial, Nationalist, Post-colonial', in P. DeSouza, (ed.) Contemporary India: Transitions, New Delhi: Sage Publications, pp. 25-36.

II. Reformism and Anti-Reformism in the Nineteenth Century

- 1.S. Bandopadhyay, (2004) From Plassey to Partition: A History of Modern India, New Delhi: Orient Longman, pp.139-158, 234-276.
- 2.Sen, (2007) 'The idea of Social Reform and its Critique among Hindus of Nineteenth Century India', in S. Bhattacharya, (ed.) Development of Modern Indian Thought and the Social Sciences, Vol. X. New Delhi: Oxford University Press.

III. Nationalist Politics and Expansion of its Social Base

- 1.S. Bandopadhyay, (2004) From Plassey to Partition: A History of Modern India. New Delhi: Orient Longman, pp. 279-311.
- 2.S. Sarkar, (1983) Modern India (1885-1947), New Delhi: Macmillan.
- 3.P. Chatterjee, (1993) 'The Nation and its Pasts', in P. Chatterjee, The Nation and its Fragments: Colonial and Postcolonial Histories. New Delhi: Oxford University Press, pp. 76-115.

IV. Social Movements

- 1.S. Bandopadhyay, (2004) From Plassey to Partition: A history of Modern India. New Delhi: Orient Longman, pp. 342-357, 369-381.
- 2.G. Shah, (2002) Social Movements and the State, New Delhi: Sage, pp. 13-31

V. Partition and Independence

- 1.Jalal, and S. Bose, (1997) Modern South Asia: History, Culture, and Political Economy. New Delhi: Oxford University Press, pp. 135-156. A. Nandy, (2005) Rashtravad banam Deshbhakti Translated by A. Dubey, New Delhi: Vani Prakashan. pp. 23-33. [The original essay in English is from A. Nandy, (1994) New Delhi: Oxford University Press, pp. 1-8.]

Additional Resources:

1. B. Chakrabarty and R. Pandey, (2010) Modern Indian Political Thought, New Delhi: Sage Publications.
2. P. Chatterjee, (1993) The Nation and its Fragments: Colonial and Postcolonial Histories, New Delhi: Oxford University Press.
3. R. Pradhan, (2008) Raj to Swaraj, New Delhi: Macmillan (Available in Hindi).
4. S. Islam, (2006) Bharat Mein Algaovaad aur Dharm, New Delhi: Vani Prakashan.

GE-3(F): AEROBIC TRAINING

PART A: THEORY

Duration: 2 Hrs

Unit –I : Introduction

- 1.1. Introduction to Aerobics, Evolution of Aerobics
- 1.2. Benefits of participation in Aerobics
- 1.3. Individualized and Group Training in Aerobics

Unit –II: Aerobics

- 2.1. Forms of Aerobics (Floor, Step, Weight and Aqua Aerobics)
- 2.2. Appropriate Aerobics Gear, Flooring and Required Equipment
- 3.3. Need, Benefits and selection of Music for Aerobics

Unit –III: Group Training

- 3.1. Development of Aerobics Fitness Programmes
- 3.2. Group Training Methods, Group Formation

3.3. Prevention and Care Specific to Aerobics - Foot Injuries, Shin Injuries, Knee Injuries, Multiple Injuries

PART B : PRACTICAL

1. Develop a 5-10 minutes routine of aerobics
2. Compilation of music on a pen drives for low-impact, medium-impact and high impact floor aerobics.
3. Demonstrate various group formations in an aerobics routine.

Assessment of Practical

Practical (Demonstration/ Performance)	:	10 Marks
Viva	:	10 Marks
Record Book all topic of practical	:	05 Marks

PART C: INTERNAL ASSESSMENT

Presentation / Written Test	:	10 Marks
Project / Assignment	:	10 Marks
Attendance	:	05 Marks

MARKING SCHEME: THEORY = 50 Marks, Practical=25, Internal Assessment = 25 Marks

SEMESTER CREDITS FOR THE PAPER = 6 CREDITS

- Each period will be of one hour.
- 4 theory periods per week semester = 4 credits
- 4 Practical periods per week per semester = 2 credits

INSTRUCTIONS TO THE EXAMINERS

- The examiners will set nine questions (eight descriptive and one short notes containing three options whereby, a student has to attempt any two) equally distributed throughout the entire syllabus.
- The students will be required to attempt any five questions.
- Each question will carry ten marks.

SUGGESTED READING

1. James, L.(2011). The first book of life skill. Embassy Book Distributions.
2. Kumar, M (2000). Developing Communication skills. Delhi: Macmillan.
3. Kumar, S., & Pushplata. (2011). Communication skills. Oxford.
4. Peel, M. (1995). Improving Your Communication skills. Kogan Page.
5. Raman, M.,& Sharma, S.(2011). Communication skills. Oxford.
6. Sharma,P.C. (2008). Communication skills & personality development , Niraliprakashan, Pune.

GE-4. (A) PUBLIC FINANCE OR INDIAN ECONOMY 2 OR GLOBAL POLITICAL ECONOMY OR GAME THEORY

(Only for B.Com. (H) Students)

PUBLIC FINANCE

Course Objective

This course is a non-technical overview of government finances with special reference to India. The course does not require any prior knowledge of economics. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralisation in India. The course will be useful for students aiming towards careers in the government

sector, policy analysis, business and journalism.

Course Learning Outcomes

The module aims to introduce students to the main concepts in public finance, equip students with a thorough analytical grasp of government taxes: direct and indirect taxes, and familiarise students with the main issues in government expenditure. At the end of the module the students should be able to demonstrate their understanding of the economic concepts of public finances, use diagrammatic analysis to demonstrate and compare the economic welfare effects of various government policy options, and demonstrate their understanding of the usefulness and problems related to government revenues and expenditures.

Unit 1

Theory: Overview of Fiscal Functions, Tools of Normative Analysis, Pareto Efficiency, Equity and the Social Welfare; Market Failure, Public Good and Externalities; Elementary Theories of Product and Factor Taxation (Excess Burden and Incidence)

Unit 2

Issues from Indian Public Finance: Working of Monetary and Fiscal Policies; Current Issues of India's Tax System; Analysis of Budget and Deficits; Fiscal Federalism in India; State and Local Finances

References

1. Alam, S. (2016). GST and the states: sharing tax administrations. *Economic and Political Weekly*, 51(31).
2. Cullis, J., Jones, P. (1998). *Public finance and public choice*, 2nd ed. Oxford University Press.
3. Das, S. (2017). Some concepts regarding the goods and services tax. *Economic and Political Weekly*, 52(9).
4. Government of India. (2017). GST - Concept and status - as on 3rd June, 2017. Central Board of Excise and Customs, Department of Revenue, Ministry of Finance.
5. Hindriks, J., Myles, G. (2013). *Intermediate public economics*, 2nd ed. MIT Press.
6. Rao, M. (2005). Changing contours of federal fiscal arrangements in India. In A. Bagchi (ed.): *Readings in public finance*. Oxford University Press.
7. Rao, M., Kumar, S. (2017). *Envisioning tax policy for accelerated development in India*. Working Paper No. 190, National Institute of Public Finance and Policy.
8. Reddy, Y. (2015). Fourteenth finance commission: Continuity, change and way forward. *Economic and Political Weekly*, 50(21), 27-36.
9. Stiglitz, J. (2009). *Economics of the public sector*, 3rd ed. W. W. Norton.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Taxation, public expenditure, policy

INDIAN ECONOMY II

Course Objective

The course seeks to equip students with sector-specific knowledge and skills to analyse key economic issues and policy documents. It will also enable them to relate theoretical frameworks of macroeconomics and microeconomics to the Indian context.

Course Learning Outcomes

Students will have capability to understand government policies and will enable informed participation in economic decision making, thus improving their employment prospects and career advancement.

Unit 1

Macroeconomic policies and their Impact: Fiscal, financial and monetary policies

Unit 2

Agriculture: Policies and performance; production and productivity; credit; labour; markets and pricing; land reforms; regional variations

Unit 3

Industry: Policies and performance; production trends; small scale industries; public sector; foreign investment, labour regulation

Unit 4

Services and trade: Trends and performance; trade and investment policy

References

Given the nature of the course, readings will be updated every year.

1. Anant, T. (2006). Institutional reforms for agriculture growth. In N. Majumdar, U. Kapila (eds.): Indian agriculture in the new millennium: Changing perceptions and development policy, Vol. 2. Academic Foundation.
2. Balakrishnan, P. (2014). The great reversal: A macro story. Economic and Political Weekly, 49 (21), 29-34.
3. Bhaduri, A. (2012). Productivity and production relations: The case of Indian agriculture. In A. Bhaduri (ed.) Employment and development. Oxford University Press.
4. Bhagwati, J., Panagariya, A. (2012). A multitude of labor laws and their reforms. In India's tryst with destiny. Collins Business.
5. Chanda, R. (2012). Services led growth. In K. Basu, A. Maertens (eds.): New Oxford companion to economics in India. Oxford University Press.
6. De, S. (2012). Fiscal policy in India: Trends and trajectory. Ministry of Finance Working Paper.
7. Dev, M. (2012). Agricultural development. In K. Basu, A. Maertens (eds.): New Oxford companion to economics in India. Oxford University Press.
8. Dev, S., Rao, N. (2010). Agricultural price policy, farm profitability and food security. Economic and Political Weekly, 45 (26-27), 174-181.
9. Dhar, B. (2015). India's new foreign trade policy. Economic and Political Weekly, 50(16), 14-16.
10. Ghatak, M. (2012). Land reforms. In K. Basu, A. Maertens (eds.): New Oxford companion to economics in India. Oxford University Press.
11. Gulati, A., Saini, S. (2017) 25 years of policy tinkering in agriculture. In R. Mohan (ed.): India transformed: 25 years of economic reforms. Penguin.
12. Kanagasabapathy, K., Tilak, V., Krishnaswamy, R. (2013). A rethink on India's foreign trade policy. Economic and Political Weekly, 48 (31),137-139.
13. Kumar, N. (2015). FDI and portfolio investment flows and development: A perspective on Indian experience. In U. Kapila (ed.): Indian economy since

- independence, 26th ed. Academic Foundation.
14. Ministry of Finance. Clothes and shoes: Can India reclaim small scale manufacturing? Economic Survey, 2016-17, 1.
 15. Nagaraj, R. (2017). Economic reforms and manufacturing sector growth. Economic and Political Weekly, 52(2), 61-68.
 16. Nayak, P. (2012). Privatization. In K. Basu, A. Maertens (eds.): New Oxford companion to economics in India. Oxford University Press.
 17. Panda, M. (2017). Macroeconomic scenario and policy options. In M. Dev (ed.): India development report 2017. Oxford University Press.
 18. Vaidyanathan, A. (2012). Irrigation. In K. Basu, A. Maertens (eds): New Oxford companion to economics in India. Oxford University Press.

Teaching Learning Process

Lectures and tutorials Assessment Methods Internal assessment and final examination as per CBCS rules

Keywords

Indian economic development, government policy

GLOBAL POLITICAL ECONOMY

Course Objective

This generic elective course introduces students to the contemporary structures, trends and developments in the Global Economy through a Political Economy lens. It explores the period since the end of Second World War up to recent global economic crisis – from the ‘Golden age of capitalism’ to the ‘neoliberal’ shift. It particularly explores changes in the organization of production and corporate structure along with changes in labour processes and labour regimes and also the increasing dominance of finance in the contemporary world. It also examines the shifts in the nature, scope and ideology of the state under globalisation.

Course Learning Outcomes

This course enables students who have not studied economics at the undergraduate level to develop a critical understanding of the contemporary global economy. It enables them to form a more informed view of the world we inhabit by analyzing some of the economic trends and developments over the last five or six decades. As the economy is a crucial sphere both of social life in general and the world of work in particular, an analytical exposure to the structures, institutions and processes of the global economy will thus enrich their comprehension of the contemporary world. With such a comprehension, students from all backgrounds will thus be better prepared to face the professional world and can use the knowledge base of this course for facing the challenges of group discussions and general interviews for corporate or civil service jobs. Students of other social sciences and humanities, who intend to pursue higher studies and research, will also immensely benefit from this course by being able to develop an interdisciplinary understanding of basic economic structures and processes, which are often crucial to the understanding of their core subjects.

Unit 1

Introduction and overview: Perspectives on political economy of globalisation with a historical overview

Unit 2

Changing dynamics of capitalist production, organisational forms and labour

processes: Fordist and post-Fordist production regimes; multinational corporations – evolution, structural form and dynamics; global value chains and production networks; the changing nature of employment, job security and labour rights in a globalised economy

Unit 3

The political economy of global trade: Structure and institutions of the international trade regime

Unit 4

The role of finance in the globalised economy: financialisation of the global economy – trends, instruments, features and consequences

Unit 5

The state in the era of globalisation: Globalisation and the limits of the welfare and developmental states; the neoliberal state.

Unit 6

Global economic instability and crisis: The 2008 global economic crisis – prelude, proximate and long term causes; possibility of recurring crises.

References

1. Bhaduri, A. (2002). Nationalism and economic policy in the era of globalization. In D. Nayyar (ed.): *Governing globalization: Issues and institutions*. Oxford University Press.
2. Chang, D. (2009). Informalising labour in Asia's global factory. *Journal of Contemporary Asia*, 39, 161-179.
3. Dore, R. (2008). Financialisation of the global economy. *Industrial and Corporate Change*, 17, 1097-1112.
4. Harvey, D. (2005). A brief history of neoliberalism. Introduction, Chapters 1- 3. Oxford University Press.
5. Hymer, S. (1975). The multinational corporation and the law of uneven development. In H. Radice (ed.): *International firms and modern imperialism*. Penguin Books.
6. Nayyar, D. (2003). Globalisation and development. In H.-J. Chang (ed.): *Rethinking development economics*. Anthem Press.
7. Reddy, N. (2003). Economic globalisation, past and present: The challenges to labour. In K. Jomo, K. Jin (eds): *Globalization and its discontents, revisited*. Tulika Books.
8. Rodrik, D. (2011). *The globalization paradox: Why global markets, states and democracy can't coexist*. Oxford University Press.
9. Thun, E. (2011). The globalization of production. In J. Ravenhill (ed.): *Global political economy*. Chapter 11. Oxford University Press.
10. Tonkiss, F. (2008). *Contemporary economic sociology: Globalisation, production, inequality*. Chapter 4. Routledge.
11. Vakulabharanam, V. (2009). The recent crisis in global capitalism: Towards a Marxian understanding. *Economic and Political Weekly*, 44, 144-150.
12. Varoufakis, Y. (2011). *The global Minotaur: America, the true origins of the financial crisis and the future of the world economy*. Zed Books.
13. Winham, G. (2011). The evolution of the global trade regime. In J. Ravenhill (ed.): *Global political economy*. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Fordism, globalisation, MNCs, global production networks, labour flexibility, informalisation, global trade regime, financialisation, state under globalisation, neoliberalism, economic crisis

GAME THEORY

Course Objective

Game theory is used in various fields, such as economics, biology, business, law, politics, sociology, and computer science. The purpose of this course is to introduce the basics of game theory to undergraduate students in various disciplines. Game Theory introduces the students to optimal decision making under an interactive settings. This course introduces the basic concepts of game theory in a way that allows students to use them in solving simple problems in various disciplines. The course will deal with the solution concepts for normal form and extensive form games along with a variety of applications. Ideas related to asymmetric information among the interacting agents would also be analysed in this course. The course ends with the application of game theory to analyse moral hazard, adverse selection and signalling problems.

Course Learning Outcomes

The students will learn how to model multi-person decision-making in an interactive setting. They will understand how to formulate different real life situations as games and learn to predict the optimal strategies of players and how the players can exploit strategic situations for the benefit of their own.

Unit 1 Normal form games.

The normal form; dominant and dominated strategies; dominance solvability; mixed strategies; Nash equilibrium; symmetric single population games; applications

Unit 2 Extensive form games with perfect information.

The game tree; strategies; subgame perfection; backward induction in finite games; commitment; bargaining; other applications

Unit 3 Simultaneous move games with incomplete information.

Strategies; Bayesian Nash equilibrium; applications

Unit 4 Extensive form games with imperfect information.

Strategies; beliefs and sequential equilibrium; applications

Unit 5 Information economics. Adverse selection; moral hazard; signalling games

References

Osborne, M. (2004). An introduction to game theory. Oxford University Press.

Teaching Learning Process

Lectures and tutorials

Assessment Methods

Internal assessment and final examination as per CBCS rules

Keywords

Normal form games, extensive form games, complete information, Nash equilibrium, subgame perfect equilibrium, incomplete information, Bayesian Nash equilibrium, sequential equilibrium

**GE-4. (A) INSURANCE & RISK MANAGEMENT
OR PROJECT MANAGEMENT & TECHNIQUES
(Only for B.A. (H) Economics Students)**

INSURANCE & RISK MANAGEMENT

Course Objective

To enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1 familiarize with the concept of project management and its attributes

CO2 understand project planning and project analysis

CO3 perform project appraisal.

CO4 examine project risk and conduct performance assessment and quality management of the project

CO5 learn cases in project management.

Course Contents

Unit I: Introduction

Concept and attributes of Project, Identification of Investment opportunities, Project life cycle, Role of Project Manager, Project Management Information System, Project Management Process and Principles, Relationship between Project Manager and Line Manager, Project Stakeholder Analysis. Project Planning, Monitoring and Control of Investment Projects. Pre-Feasibility study.

Unit II: Project Preparation

Technical Feasibility, Marketing Feasibility, Financial Planning: Estimation of Costs and Funds (including sources of funds), Loan Syndication for the Projects, Demand Analysis and Commercial Viability (brief introduction to NPV), Project budget, Collaboration Arrangements, Tax considerations and legal aspects.

Unit III: Project Appraisal

Business Criterion of Growth, Liquidity and Profitability, Social Cost Benefit Analysis in Public and Private Sector, Investment Criterion and Choice of techniques, Estimation of Shadow prices and Social discount rate

Unit IV: Project Risk and Performance Assessment

Project Risk Management- Identification, Analysis and Reduction, Project quality management, Project Performance Measurement and Evaluation, Project Report.

Unit V: Project Management Techniques & Case Studies

Project Management Techniques (PERT & CPM) and 2 Case Studies.

References

- 1.Chandra. Prasanna. Project Preparation, Appraisal and Implementation. Tara McGraw Hill.
- 2.Gido, Jack., and Clements, James P. Project Management. Cengage Learning.
- 3.Gray, Clifford F., Larson, Eric W., and Desai, Gautam V. Project Management: The Managerial Process. McGraw Hill Education.

Additional Resources

- 1.Barker, Stephen.and Cole, Rob. Brilliant Project Management, Pearson.
2. Kharua, Sitangshu. Project Management and Appraisal. Oxford Press University.

Note: Latest Editions of the text books may be used.

Teaching Learning Process

As the course is designed to enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects the teaching learning process will be based on lectures, seminars, workshops, project work and cases studies

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work and End Semester Examination

Keywords

Project Management, Project Preparation, Project Appraisal, Project Risk, Performance Assessment.

PROJECT MANAGEMENT & TECHNIQUES

Course Objective

To enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects.

Course Learning Outcomes

After completing the course, the student shall be able to:

CO1 familiarize with the concept of project management and its attributes

CO2 understand project planning and project analysis

CO3 perform project appraisal.

CO4 examine project risk and conduct performance assessment and quality management of the project

CO5 learn cases in project management.

Course Contents

Unit I: Introduction

Concept and attributes of Project, Identification of Investment opportunities, Project life cycle, Role of Project Manager, Project Management Information System, Project Management Process and Principles, Relationship between Project Manager and Line Manager, Project Stakeholder Analysis. Project Planning, Monitoring and Control of Investment Projects. Pre Feasibility study.

Unit II: Project Preparation

Technical Feasibility, Marketing Feasibility, Financial Planning: Estimation of Costs and Funds (including sources of funds), Loan Syndication for the Projects, Demand Analysis and Commercial Viability (brief introduction to NPV), Project budget, Collaboration Arrangements, Tax considerations and legal aspects.

Unit III: Project Appraisal

Business Criterion of Growth, Liquidity and Profitability, Social Cost Benefit Analysis in Public and Private Sector, Investment Criterion and Choice of techniques, Estimation of Shadow prices and Social discount rate

Unit IV: Project Risk and Performance Assessment

Project Risk Management- Identification, Analysis and Reduction, Project quality management, Project Performance Measurement and Evaluation, Project Report.

Unit V: Project Management Techniques & Case Studies

Project Management Techniques (PERT & CPM) and 2 Case Studies.

References

- Chandra, Prasanna. Project Preparation, Appraisal and Implementation. Tara McGraw Hill.
- Gido, Jack., and Clements, James P. Project Management. Cengage Learning.
- Gray, Clifford F., Larson, Eric W., and Desai, Gautam V. Project Management: The Managerial Process. McGraw Hill Education.

Additional Resources

- Barker, Stephen. and Cole, Rob. Brilliant Project Management, Pearson.
- Kharua, Sitangshu. Project Management and Appraisal. Oxford Press University.

Note: Latest Editions of the text books may be used.

Teaching Learning Process

As the course is designed to enable the students to evolve a suitable framework for the preparation, appraisal, monitoring and control of industrial projects the teaching learning process will be based on lectures, seminars, workshops, project work and cases studies.

Assessment Methods

The assessment of the students must be aligned with the course learning outcomes and requires Class Participation, Class Test, Assignment, Project Work and End Semester Examination.

Keywords

Project Management, Project Preparation, Project Appraisal, Project Risk, Performance Assessment

GE-4 (B): TEXT AND PERFORMANCE: WESTERN PERFORMANCE THEORIES AND PRACTICES

Course Objectives

This course combines modern Western theatrical concepts along with the praxis of performance. It will familiarise students with the seminal Western theories of performance in the twentieth century and their visualisation on stage. The course will focus on a historical understanding of the different types of theatrical spaces along with their bearing on performance. A practice based course, it will focus on techniques such as voice modulation and body movement. A designated unit towards production will help students understand the different aspects involved in theatrical production.

Course Contents

Unit 1 Introduction

- Introduction to western theories of performance; classical to contemporary
Endorsement of existing structures to radicalising our world
- Historical overview of western theatre Topics for Student Presentations:
 - a) Perspectives on theatre and performance
 - b) Historical development of theatrical forms
 - c) Popular traditions

Unit 2 Theatrical Forms and Practices

- a) Performative spaces: eg., proscenium ‘in the round’ amphitheatre open-air and thrust stage; their impact on meanings of performance
- b) Performance components: voice modulation and body movement

Topics for Student Presentations:

- a) On the different types of performative space in practice
- b) Poetry reading elocution expressive gestures and choreographed movement

Unit 3

Theories of Drama

Theories and demonstrations of acting: Stanislavsky, Brecht, Boal

Topic for Student Presentations:

Acting short solo/ group performances followed by discussion and analysis with application of theoretical perspectives

Unit 4

Theatrical Production

- a) Direction production stage props costume lighting backstage support
- b) Recording/archiving performance/case study of production/performance/impact of media on performance processes

Topic for Student Presentations:

All aspects of production and performance: recording, archiving, interviewing performers, and data collection

Unit 5

Final practical assignment

- a) A performance of minimum thirty minutes using any one form of drama studied in this course
- b) Interview at least one theatre practitioner who has worked with western theatrical forms

Suggested Readings

1. Brecht, Bertolt. Brecht on Theatre: The Development of an Aesthetic. Trans. John Willet. London: Methuen, 1978.
2. Boal, Augusto. Theatre of the Oppressed. London: Pluto Press, 1979. Brook, Peter. The empty space: A book about the theatre: Deadly, holy, rough, immediate. New York: Simon and Schuster, 1996. The Empty Space. New York: Touchstone, 1996.
4. Fo, Dario. The Tricks of the Trade. London: Taylor & Francis, 1991.
5. People's Art in the Twentieth Century: Theory and Practice. Jana Natya Manch. New Delhi: Navchetan Printers. 2000.
6. Shelley, Steven Louis. A Practical Guide to Stage Lighting. Oxford: Elsevier, 2009.
7. Stanislavski, Konstantin. An Actor Prepares. London: Taylor & Francis, 1989.
8. Stanislavski, Konstantin. Building A Character. London: Bloomsbury, 2013.
9. Williams, Raymond. Drama From Ibsen to Brecht. Harmondsworth: Penguin, 1983.

Teaching Plan

Week 1 – Introduction to Paper G15

Week 2 – Unit 1 -- Introduction

Week 3 – Unit 1 contd

Week 4 – Unit2 --Popular Theatrical Forms and Practices

Week 5 – Unit 2 contd

Week 6 – Unit 2 contd

Week 7 – Unit 3 --Theories of Drama

Week 8 – Unit 3 contd

Week 9 – Unit 4 --Theatrical Production
Week 10 -- Unit 4 contd
Week 11 – Unit 5 -- Field work: Interviewing a theatre practitioner
Week 12 – Unit 5 contd -- Working towards a Performance
Week 13 – Unit 5 contd -- Working towards a Performance
Week 14 – Concluding lectures exam issues, etc.

Keywords

Performance, Performativity, Performance spaces, Stanislavsky, Brecht, Boal, Voice modulation and body movement, Direction, Production, Stage props, Costume, Lighting, Backstage support

GE-4. (C) ELEMENTS OF ANALYSIS (Dept. of Mathematics)

Total Marks: 100 (Theory: 75 and Internal Assessment: 25)

Workload: 5 Lectures, 1 Tutorial (per week) **Credits:** 6 (5+1)

Duration: 14 Weeks (70 Hrs.)

Examination: 3 Hrs.

Course Objectives: Real analysis provides tools to lay the foundation for further study in subfields, such as calculus, differential equations, and probability. To study this course one needs a background in calculus and a facility with logic and proofs. This course deals with the analytic properties of real numbers, sequences and series, including convergence and limits of sequences of real numbers, the calculus of the real numbers, and convergence of power series.

Course Learning Outcomes: This course will enable the students to:

- i) Understand the real numbers and their basic properties.
- ii) Be familiar with convergent and Cauchy sequences.
- iii) Test the convergence and divergence of infinite series of real numbers.
- iv) Learn about power series expansion of some elementary functions.

Unit 1. Real umbers and Sequences

Finite and infinite sets, Examples of countable and uncountable sets; Absolute value and the Real line, Bounded sets, Suprema and infima, The completeness property of \mathbb{R} , Archimedean property of \mathbb{R} ; Real sequences, Convergence, sum and product of convergent sequences, Order preservation and squeeze theorem; Monotone sequences and their convergence; Proof of convergence of some simple sequences such as $\frac{(-1)^n}{n}$, $\frac{1}{n^2}$, $(1 + \frac{1}{n})^n$, x^n with $|x| < 1$, a_n/n , where a_n is a bounded sequence. Subsequences and the Bolzano–Weierstrass theorem; Limit superior and limit inferior of a bounded sequence; Cauchy sequences, Cauchy convergence criterion for sequences.

Unit 2. Infinite Series of Real Numbers

Definition and a necessary condition for convergence of an infinite series, Geometric series, Cauchy convergence criterion for series; Positive term series, Integral test, Convergence of pseries, Comparison test, Limit comparison test, D’Alembert’s ratio test, Cauchy’s root test; Alternating series, Leibniz test; Absolute and conditional convergence.

Unit 3. Power Series and Elementary Functions

Definition of power series, Radius and interval of convergence, Cauchy–Hadamard theorem, Statement and illustration of term-by-term differentiation, Integration of power series, and Abel’s theorem, Power series expansions for e^x , $\sin x$, $\cos x$, $\log(1+x)$ and their properties.

References:

1. Bartle, Robert G., & Sherbert, Donald R. (2015). Introduction to Real Analysis (4th ed.). Wiley India Edition.
2. Denlinger, Charles G. (2015). Elements of Real Analysis. Jones & Bartlett India Pvt. Ltd. Ross, Kenneth A. (2013). Elementary Analysis: The Theory of Calculus (2nd ed.). Undergraduate Texts in Mathematics, Springer. Indian Reprint.

Additional Readings:

- i. Bilodeau, Gerald G., Thie, Paul R., & Keough, G. E. (2010). An Introduction to Analysis (2nd ed.). Jones & Bartlett India Pvt. Ltd. Student Edition. Reprinted 2015.

Teaching Plan (GE-4: Elements of Analysis):

Weeks 1 and 2: Finite and infinite sets, Examples of countable and uncountable sets; Absolute value of the real line, bounded sets, suprema and infima; Statement of order completeness property of \mathbb{R} , Archimedean property of \mathbb{R} .

[1] Chapter 1 (Section 1.3), and Chapter 2 (Sections 2.2 to 2.4).

Weeks 3 and 4: Real sequences, Convergence, Sum and product of convergent sequences, Order preservation and squeeze theorem.

[1] Chapter 3 (Sections 3.1 and 3.2).

Week 5: Monotone sequences and their convergence, Proof of convergence of some simple sequences such as $\frac{(-1)^n}{n}$, $\frac{1}{n^2}$, $(1 + \frac{1}{n})^n$, x^n with $|x| < 1$, a_n/n , where a_n is a bounded sequence.

[1] Chapter 3 (Section 3.3)

Weeks 6 and 7: Subsequences and the Bolzano–Weierstrass theorem (statement and examples), Limit superior and limit inferior of a bounded sequence (definition and examples), Statement and illustrations of Cauchy convergence criterion for sequences.

[1] Chapter 3 (Sections 3.4, and 3.5).

Weeks 8 and 9: Definition and a necessary condition for convergence of an infinite series, Geometric series, Cauchy convergence criterion for series, positive term series, State the integral test and prove the convergence of p-series, Comparison test, Limit comparison test and examples.

[2] Chapter 8 (Section 8.1).

[1] Chapter 3 (Section 3.7).

Week 10: D’Alembert’s ratio test, Cauchy’s root test.

[2] Chapter 8 (Section 8.2).

Week 11: Alternating series, Leibnitz test; Absolute and conditional convergence.

[2] (Section 8.3). **Week 12:** Definition of power series, Radius and interval of convergence, Cauchy–Hadamard theorem.

[3] Chapter 4 [Article 23, 23.1 (without proof)].

[1] Chapter 9 [9.4.7 to 9.4.9 (without proof)].

Week 13: Statement and illustration of term-by-term differentiation, Integration of power series and Abel's theorem.

[3] Chapter 4 (Article 26).

Week 14: Power series expansions for e^x , $\sin x$, $\cos x$, $\log(1+x)$ and their properties.

[3] Chapter 7 (Article 37). [1] Chapter 9 (9.4.14)

Keywords:

Countable sets, Completeness property, Bolzano–Weierstrass theorem, Cauchy sequence, Cauchy's root test, D'Alembert's ratio test, Cauchy–Hadamard theorem, Abel's theorem.

GE-4. (D) हिंदी का वैश्विक परिदृश्य (Dept. of Hindi)

इकाई-1 : वैश्वीकरण, भाषा, समाज और साहित्य

इकाई-2 : हिंदी का विश्व—सन्दर्भ, संयुक्त राष्ट्र में हिंदी

इकाई-3 : हिंदी सिनेमा और हिंदी की दुनिया : सांस्कृतिक संवाद व सम्प्रेषण

इकाई-4 : अन्तर्राष्ट्रीय हिंदी सम्मलेन : जरूरत और भूमिका, 21वीं सदी में हिंदी की वैश्विक चुनौतियाँ सहयक ग्रंथ

- प्रवासी हिंदी साहित्य — कमल किशोर गोयनका
- मॉरीशस का हिंदी साहित्य — वीर सिंह, जागा सिंह
- मॉरीशस का हिंदी साहित्य — मुनीश्वर चिंतामणि
- सूरीनाम हिन्दुस्तानी — भावना सक्सेना
- फीजी का सर्जनात्मक साहित्य — विमलेश कांति वर्मा
- सूरीनाम का सर्जनात्मक हिंदी साहित्य — विमलेश कांति वर्मा
- फीजी में हिंदी : स्वरूप और विकास — विमलेश कांति वर्मा

GE-4. (E) Gandhi and the Contemporary World (Dept. of Political Science)

Course Objective

Locating Gandhi in a global frame, the course seeks to elaborate Gandhian thought and examine its practical implications. It will introduce students to key instances of Gandhi's continuing influence right up to the contemporary period and enable them to critically evaluate his legacy.

Course Learning Outcomes

This course will help students to understand Gandhian philosophy in a critical and analytical manner. It will also help in describing the impact of Gandhian thought on Indian and global politics. It will help in identifying and explaining selected approaches and methods that historians have used to study the history of anti-colonial Indian politics.

Unit 1

Gandhi on Modern Civilization and Ethics of Development (2 weeks)

- a. Conception of Modern Civilisation and Alternative Modernity
- b. Critique of Development: Narmada Bachao Andolan

Unit 2

Gandhian Thought: Theory and Action (4 weeks)

- a. Theory of Satyagraha
- b. Satyagraha in Action
- i. Peasant Satyagraha: Kheda and the Idea of Trusteeship
- ii. Temple Entry and Critique of Caste
- iii. Social Harmony: 1947 and Communal Unity

Unit 3

Gandhi's Legacy (4 weeks)

- a) Tolerance: Anti - Racism Movements (Anti - Apartheid and Martin Luther King)
- b) The Pacifist Movement
- c) Women's Movements
- d) Gandhigiri: Perceptions in Popular Culture

Unit 4

Gandhi and the Idea of Political (2 weeks)

- a) Swaraj
- b) Swadeshi

References

I. Gandhi on Modern Civilization and Ethics of Development

1. B. Parekh, (1997) 'The Critique of Modernity', in Gandhi: A Brief Insight, Delhi: Sterling Publishing Company, pp. 63-74.
2. K. Ishii, (2001) 'The Socio-economic Thoughts of Mahatma Gandhi: As an Origin of Alternative Development', Review of Social Economy. Vol. 59 (3), pp. 297-312.
3. D. Hardiman, (2003) 'Narmada Bachao Andolan', in Gandhi in his Time and Ours. Delhi: Oxford University Press, pp. 224- 234.
4. A. Baviskar, (1995) 'The Politics of the Andolan', in In the Belly of the River: Tribal Conflict Over Development in the Narmada Valley, Delhi: Oxford University Press, pp.202-228.
5. R. Iyer, (ed) (1993) 'Chapter 4' in The Essential Writings of Mahatma Gandhi, New Delhi: Oxford University Press.
6. R. Ramashray, (1984) 'Liberty Versus Liberation', in Self and Society: A Study in Gandhian Thought, New Delhi: Sage Publication.

II. Gandhian Thought: Theory and Action

1. B. Parekh, (1997) 'Satyagrah', in Gandhi: A Brief Insight, Delhi: Sterling Publishing Company, pp. 51-63.
2. D. Dalton, (2000) 'Gandhi's originality', in A. Parel (ed) Gandhi, Freedom and Self-Rule, New Delhi: Lexington Books, pp.63-86. D. Hardiman, (1981) 'The Kheda Satyagraha', in Peasant Nationalists of Gujarat: Kheda District, 1917-1934, Delhi: Oxford University Press, pp. 86-113.
3. J. Brown, (2000) 'Gandhi and Human Rights: In search of True humanity', in A. Parel (ed) Gandhi, Freedom and Self-Rule, New Delhi: Lexington Books, pp. 93-100.
4. R. Iyer, (2000) 'Chapter 10 and 11', in The Moral and Political Thought of Mahatma Gandhi, New Delhi: Oxford University Press, pp. 251-344
5. I. Knudegaard, (2010), Gandhi's Vision for Indian Society: Theory and Action, Master Thesis in History, University of Oslo, Available at <https://www.duo.uio.no/bitstream/handle/10852/23275/IngfridKnudegaardxmaste>

roppgavexi xhistorie.pdf?sequence=1&isAllowed=y, Accessed: 14.05.2019, pp.27-38.

6. P. Rao, (2009) 'Gandhi, Untouchability and the Postcolonial Predicament: A Note'. *Social Scientist*. Vol. 37 (1/2). Pp. 64-70.
7. B. Parekh, (1999) 'Discourse on Unsociability', in *Colonialism, Tradition and Reform: An Analysis of Gandhi's Political Discourse*, New Delhi: Sage Publication.
8. D. Hardiman, (2003) 'Fighting Religious Hatreds', in *Gandhi in His Time and Ours*. Delhi: Oxford University Press.

III. Gandhi's Legacy

1. D. Hardiman, (2003) 'Gandhi's Global Legacy', in *Gandhi in His Time and Ours*. Delhi: Oxford University Press, pp. 238-283. Manimala, (1984) 'Zameen Kenkar? Jote Onkar: Women's participation in the Bodhgaya struggles', in M. Kishwar and R. Vanita (eds) *In Search of Answers: Indian Women's Voices from Manushi*, London: Zed Press.
2. M. Shah, (2006) 'Gandhigiri: A Philosophy of Our Times', *The Hindu* Available at <http://www.hindu.com/2006/09/28/stories/2006092802241000.htm>, Accessed: 14.05.2019.
3. A. Ghosh and T. Babu, (2006) 'Lage Raho Munna Bhai: Unravelling Brand Gandhigiri', *Economic and Political Weekly*, 41 (51), pp. 5225 – 5227.
4. H. Trivedi (2011) 'Literary and Visual Portrayal of Gandhi', in J Brown and A Parel (eds) *Cambridge Companion to Gandhi*, Cambridge University Press 2011, pp. 199-218.

IV. Gandhi and the Idea of Political

1. P. Chatterjee, (1986) 'The Moment of Maneuver', in *Nationalist Thought and the Colonial World: A derivative discourse?*, Delhi: Zed Books.
2. Indian Council for Historical Research (1976) 'The Logic of Gandhian Nationalism: Civil Disobedience and the Gandhi – Irwin Pact, 1930-31', *Indian Historical Review*, Available at <http://www.ichrindia.org/journal.pdf>, Accessed: 18.04.2013.
3. D. Dalton, (1996) 'Swaraj: Gandhi's Idea of Freedom', in *Mahatma Gandhi: Selected Political Writings*, USA: Hackett Publishing, pp. 95-148.
4. A. Parel (ed.) (1997) 'Editor's Introduction', in *Gandhi, Hind Swaraj and Other Writings* Cambridge: Cambridge University Press.

Additional Resources:

1. Classics M K Gandhi " Hind Swaraj" Navjeevan Trust, Ahmedabad, 1910, https://www.indiawaterportal.org/sites/indiawaterportal.org/files/hind_swarajya_mk_gandhi_201_0.pdf
2. M. K. Gandhi Chapter XII&XIII, " Satyagraha in South Africa, Navjivan Trust, Ahmedabad, 1928, pp. 95-107
3. M.K. Gandhi, (1941) 'Chapter 1, 2, 9, 15, and 16', in *Constructive Programme: Its Meaning and Place*, Ahmedabad: Navjivan Trust.
4. M.K. Gandhi's India of my Dreams (compiled R.K.Prabhu): "The meaning of Swaraj" (no.2); "Communal unity" (no.59); "The curse of untouchability" (no.61); "Religious tolerance in India" (no.62); "The problem of minorities" (no.66) https://ia802902.us.archive.org/22/items/Mere_sapno_ka_Bharatmk_gandhi/Mere_SapnoKaBharat-MkGandhi1947.pdf

Additional Readings

1. A. Baviskar, (1995) 'National Development, Poverty and the environment', in *The Belly of the River: Tribal Conflict Over Development in the Narmada Valley*, Delhi: Oxford University Press, pp. 18-33.
2. B. Parekh, (1997) 'Religious Thought', in *Gandhi: A Brief Insight*, Delhi: Sterling Publishing Company.
3. R. Iyer, (1993) *The Essential Writings of Mahatma Gandhi*, New Delhi: Oxford University Press, pp. 299-344; 347-373.
4. S. Sarkar, (1982) *Modern India 1885-1947*, New Delhi: Macmillan, pp. 432-39.
5. R. Iyer, (2001) *The Moral and Political Thought of Mahatma Gandhi*, New Delhi: Oxford University Press. pp. 344-358.
6. H. Coward, (2003) 'Gandhi, Ambedkar, and Untouchability', in H. Coward (ed) *Indian Critiques of Gandhi*, New York: State University of New York Press, pp. 41-66.
7. J. Lipner, (2003) 'A Debate for Our Times', in Harold Coward (ed) *Indian Critiques of Gandhi*, New York: State University of New York Press, pp. 239-58.
8. M. Gandhi, (1941) 'Chapter 1, 2, 9, 15, and 16', in *Constructive Programme: Its Meaning and Place*, Ahmedabad: Navjivan Trust. R. Terchek, (1998) *Gandhi: Struggling for Autonomy*, USA: Rowman and Littlefield Publishers.
9. N. Dirks, (2001), 'The Reformation of Caste: Periyar, Ambedkar and Gandhi', in *Castes of Mind: Colonialism and the making of Modern India*, Princeton: Princeton University Press.
10. R. Mukharjee, (ed) (1995), *The Penguin Gandhi Reader*, New Delhi: Penguin. T. Weber, (2006) 'Gandhi is dead, Long live Gandhi- The Post Gandhi Gandhian Movement in India', in *Gandhi, Gandhism and the Gandhians*, New Delhi: Roli
11. A. Taneja, (2005) *Gandhi Women and the National Movement 1920-1947*, New Delhi: Haranand Publishers.
12. J. Brown, (2008) *Gandhi and Civil Disobedience: The Mahatma in Indian Politics*, Cambridge: Cambridge University Press, 2008 R. Ramashray, (1984) 'What Beyond the Satanic Civilization?', in *Self and Society: A Study in Gandhian Thought*, New Delhi: Sage Publication.

Readings in Hindi

1. म.क गाँधी 'िहन सराज' नवजीवन टस 1916.
2. म. क. गाँधी मेरेसपने का भारत 1947 138
3. नेमा, जे. पी और पताप िसं ह 'गाँधी जी का दशरन' "धमरकी अवधारणा" िरसचरपिबके शन जयपुर, 2018 पृष 56-62.
4. नेमा, जे. पी और पताप िसं ह 'गाँधी जी का दशरन' "सतागह की अवधारणा" िरसचरपिबके शन जयपुर, 2018 पृष 79-85.
5. नेमा, जे. पी और पताप िसं ह 'गाँधी जी का दशरन' "सराज की अवधारणा" िरसचरपिबके शन जयपुर, 2018 पृष 86-97.
6. जैन, मानक 'गाँधी के िवचारो की 21वीं सदी मेपासंगिकता' (भाग-2) "असुशता िनवारण मेगाँधी का योगदान" आिद पिबके शन, जयपुर 2010, पृष 275-317
7. अगवाल, सुनील कु मार 'गाँधी और सांपदाियक एकता' "सांपदाियक एकता का दशरन और गाँधी" अजुन पिबिशं ग हाउस, नई िदली 2009 पृष 189-219.
8. झा, मनोज कु मार 'िहनू-मुिसम एकता और गाँधी : एक अधयन "सांपदाियक सौहाद्रऔर गाँधी" सनागर पकाशन, िदली 1990 पृष 119-146.
9. कु मार पभात 'सतंतता संगम और गाँधी' "गाँधी का सतागह-दशरन" िहं दी माधम कायारनय िनवेशालय, नई िदली, 2013.
10. िमश, अिनल दत 'गाँधी एक अधयन' "गाँधी और पयारवरण" िपयसरन पकाशन, िदली 2016 पृष 239-249.

Teaching Learning Process

The mainstay of this paper is to make students understanding the contemporary relevance of Gandhi. This will thereby involve use of Gandhi's Original works and how Gandhian ideas are been used by practitioners.

Activities

Topic 1

1. Reading of primary texts:- M K Gandhi Chapter VI and XIII " Hind Swaraj" Navjeevan Trust, Ahmedabad, 1910
2. A site visit to any on-going developmental project preferably in NCT Delhi by students and submission of report on Environmental law Violation and Resistance by People in a Gandhian Way.

Topic 2

1. Reading of primary texts:- M K Gandhi Chapter XII&XIII, " Satyagraha in South Africa, Navjivan Trust, Ahmmedabad, 1928, pp. 95-107
2. A Report followed by presentation on functioning of Cooperative and Community engagement for example Amuland/or SEWA in Gujarat to understand Trusteeship and its relevance

Topic 3

1. Movie Screenings (Movies like Lage Raho Munna Bhai, Gandhi by Richard Attenboroughand Student's Participation in reviewing/discussing the movie from a Gandhian perspective or Cultural engagement of Students with Gandhian Ideas through Staging of a street play.

Topic 4

Student Visit to Any Gandhian Institution in Delhi like, Gandhi Darshan and Smiriti to understand on-going Gandhian work and programme and interacting with Gandhian activists.

Assessment Methods

Film/Documentary review and group discussions will be used to understand the critical mindset of individual students. Field work can be undertaken in areas where Gandhian methods are being used to attain justice. These visits can be translated to working paper of group under the guidance of course instructors.

Keywords

Gandhi, Swaraj, Modern Civilization, Tolerance, Social Harmony

GE – 4(F): FITNESS & EXRECISE MANAGEMENT

PART A: THEORY

Duration: 2 Hrs

Unit –I : Physical Fitness

- 1.1. Concepts and Significance of Physical Fitness
- 1.2. Components of Physical Fitness, Assessment of Health Related Physical Fitness Components-Cardio-respiratory Endurance, Body Composition, Muscular Endurance, Flexibility
- 1.3 Principles of Training, Development of Fitness

Unit –II: Suggested Exercise for Fitness

- 2.1. Exercise for developing Cardio-respiratory Endurance; weight Management, Resistance Training, Flexibility
- 2.2. Exercise for children, Youth, Adults, Women, and Senior Citizens
- 2.3. Exercise for Coronary Heart Disease, Obesity, Diabetes, Asthma and Pulmonary Disease

Unit –III: Exercise Programming and Management

- 3.1. Health Appraisal, Setting Fitness Goals, Measuring Energy Expenditure
- 3.2. Behaviour Modification, Fitness Module, Prevention of Injuries and First-Aid
- 3.3. Evaluation of the implemented programme of fitness and Report generating

PART B : PRACTICAL

1. Assessment of Wellness and Fitness for Life : Lifestyle Assessment Inventory (Assessment Activity -1), Physical Activity Readiness Questionnaire (PAR-Q), Functional Fitness Test for Senior Citizens
2. Evaluation for Fitness: Cooper's 9/12 min. (Girls/Boys) Run/Walk Test , Sit and Reach Test/Modified Sit & Reach Test, Modified Sit-ups (one Minutes), Pull-ups/Flexed Arm Hang (one Minute) Body Mass Index (BMI), Basal Metabolic Rate (BMR), Waist-Hip Ratio (WHR)

Assessment of Practical

Practical (Demonstration/ Performance)	: 10 Marks
Viva	: 10 Marks
Record Book all topic of practical	: 05 Marks

PART C: INTERNAL ASSESSMENT

Presentation / Written Test	: 10 Marks
Project / Assignment	: 10 Marks
Attendance	: 05 Marks

MARKING SCHEME: THEORY = 50 Marks, Practical =25, Internal Assessment = 25 Marks

SEMESTER CREDITS FOR THE PAPER = 6 CREDITS

- Each period will be of one hour.
- 4 theory periods per week semester = 4 credits
- 4 Practical periods per week per semester = 2 credits

INSTRUCTIONS TO THE EXAMINERS

- The examiners will set nine questions (eight descriptive and one short notes containing three options whereby, a student has to attempt any two) equally distributed throughout the entire syllabus.
- The students will be required to attempt any five questions.
- Each question will carry ten marks.

SUGGESTED READING

1. Auspaugh, D.J., Hamrick, M.J. &Rosato, F.D. (2013). Wellness – Concept and Application USA: McGraw Hill Higher Education.
2. Carnaione, D.N. (1993). Fitness management WCB Brown & Benchmark.
3. Fahey, T.D., Insel, P.M. & Roth, W.T.(2009). Fit & well. USA: McGraw Hill.
4. Howely, E.T., & Franks B.D. (2007). Health/Fitness Instructor's Handbook Human Kinetics Publishers, Inc., Marketing Director, Box 5076, Champaign, II.
5. Kansal D.K. (2012). Test Measurement and Evaluation, Sports Spiritual Science Publication, Delhi.
6. Kumari, S.S., Rana, A, & Kaushik, S. (2008). Fitness, Aerobics & Gym Operations, Khelsahitya Kendra Delhi.

7. Powers, S.K., Dodd, S.L., & Noland, V.J. (2006). Total Fitness and wellness, Daryl Fox, USA
8. Tiwari S. (1999). Exercise Physiology Sports Publications, Delhi.

Examination Including Internal Assessment

The University of Delhi reserves the right to make alteration in its Academic Schedule and examinations system at any stage in the duration of any or all of the programs.

1. Attendance: Subject to the provisions of Ordinance VII, the candidates are required to attend not less than two third of theory and practical/tutorial classes separately in all the subjects taken together held in the College in each semester/academic year.

2. Submission of Examination Forms

Candidates desiring to appear in the examination within the permitted span period and otherwise eligible are required to fill up the prescribed Examination Form.

- i) The Regular Students can collect the Examination Forms from the office of the Colleges and are required to deposit the same along with the prescribed fee at the Colleges within the dates prescribed.
- ii) The Ex-students (Students who have appeared & failed to pass the examination) are required to collect their examination forms from the concerned section of the Examination Branch of Delhi University and such students will be required to submit the examination form and ex-student registration form, duly completed in all respects and countersigned by the Principal of the College at the concerned examination enquiry window for verification. After verification, the candidates would be required to deposit prescribed examination fee with University Cashier and the Examination Form with the concerned window at the Examination Branch.
- iii) The students desirous of improving their performance in any paper as per the University Rules are required to produce their original statement of marks along with the Examination Form. The rules for the same are given in the University Calendar available on the University website (www.du.ac.in).

3. Span Period

Ordinarily, no student will be allowed to appear in the Examinations beyond the prescribed span period. For all the three-year under-graduate courses under the CBCS structure, the span period to complete the course will be 6 years from the year of admission in 1st Semester.

4. Examination Schedule

Tentative schedule for holding various examinations is given below: Undergraduate Courses (Formal Stream)-November/December and April/May.

5. Date Sheets

The Examination Branch issues separate Date Sheets for each under graduate course. Examinations for the courses covered under the semester scheme shall be held at the end of each semester in accordance with the academic calendar prescribed by the Academic Council from time to time. Unless otherwise provided specifically in any other Ordinance, there will be no supplementary examination for any of the semesters.

6. ORDINANCE VIII-E: Internal Assessment

- 1.1 The scheme for Internal Assessment shall be followed in the regular stream only. The specific Ordinances pertaining to schemes of examinations of various courses shall stand amended, mutatis mutandis, to the extent of internal

assessment as laid down in this Ordinance, subject to exclusions referred to above.

- 1.2. Internal Assessment marks shall be shown separately in the Marks Sheet issued by the University and these marks shall be added to the semester examination marks for determining the division of the student.
2. 25% of the maximum marks in each paper in undergraduate courses shall be assigned for Internal Assessment and the remaining 75% marks for the Semester University Examination; the time duration and other modalities of the semester examination with respect to this 75% component shall remain as per existing schemes of examination for various undergraduate courses.
 - 2.1.1 For the Semester Examination Scheme, there shall be 10% weightage assigned to Class Test(s)/Quiz(s) to be conducted by each college, for all subjects in B.A., & B.Com. Courses and all papers of the Main Subject in Honours courses.
 - 2.2.1 Each student shall be assessed on the basis of written assignments/ tutorials as well as on the basis of project reports/term papers/seminars. There shall be 10% weightage for such written assignment; and project reports/ presentations/ term papers/seminars. Each student shall be given at least one written assignment per paper in each term /semester.
 - 2.2.2 There shall be 5% weightage for regularity in attending lectures and tutorials, and the credit for regularity in each paper, based on attendance, shall be as follows:
 - More than 67% but less than 70% - 1 mark
 - 70% or more but less than 75% - 2 marks
 - 75% or more but less than 80% - 3 marks
 - 80% or more but less than 85% - 4 marks
 - 85% and above - 5 marks

[Medical certificates shall be excluded while calculating credit towards marks to be awarded for regularity, though such certificates shall continue to be taken into account for the purpose of calculating eligibility to appear for examinations as per the existing provisions of Ordinance VII.2.9. (a) (ii).]

3. The promotion criteria shall be as per the existing Ordinances for University Examinations, as applicable to respective courses. In addition, the same criteria shall apply to the total of the University Examination and the Internal Assessment, taken together.

7. Procedure for Obtaining the Documents from Examination Branch

The rules, procedures and forms for issue of the following documents are given on the University website: (<http://www.du.ac.in/downloads/.html>).

Duplicate Degree	Duplicate Marks sheet
Transcript	Degree Verification
Migration Certificate	Special Certificate

RELEVANT ORDINANCES RELATED TO CALCULATION OF BENEFITS

Ordinance VII: Conditions for Admission to Examinations

- (a) (i) In the case of a student who is selected as a member of the N.C.C. to participate in the annual N.C.C. Camps or is deputed to undertake Civil Defence work and allied duties or in the case of a student who is enrolled in the National Service Scheme and is deputed to various public assignments by or with the approval of the Head of the institution concerned or a student who is selected to participate in sports or other activities organised by the Inter-University Board or in national or international fixtures in games and sports approved by the Vice-Chancellor or a student who is required to represent the University at the Inter-University Youth Festival, or a student who is required to participate in periodical training in the Territorial Army or a student who is deputed by the College to take part in Inter-College sports or fixtures, debates, seminars, symposia or social work projects or a student who is required to represent the College concerned in debates and other extra-curricular activities held in other Universities or such other activities approved by the Vice-Chancellor for this purpose, in calculating the total number of lectures etc. delivered in the College, or in the University, as the case may be, for his course of study in each academic year, the number of lectures etc., in each subject delivered, during the period of absence for that purpose shall not be taken into account.
- (ii) The Principal of a College may consider, on the basis of the Medical Certificates produced, exceptionally hard cases of students who had fallen seriously ill or had met with an accident during the year disabling them from attending classes for a certain period, with a view to determining whether the lectures etc. delivered during the said period, or a part thereof, could be excluded for purposes of calculation of attendance of the year and decide each case on its own merits.
- (b) The College shall notify on the notice board the final attendance position of each of its students within three days of the dispersal of the classes in the each semester of the academic year. Not later than five days, thereafter, a student may, by an application to the Principal of the college, claim benefit of exclusion of lectures under sub-clause (a) above on grounds to be specified and accompanied by the relevant documents. All such applications submitted within time shall be considered and disposed of by the Principal of the College at least 3 days prior to the commencement of the examination, in which the student is intending to appear.
- (c) The benefit of exclusion of lectures contemplated in categories (i) or (ii) of sub clause (a) above, either separately or jointly, shall in no case exceed 1/3 of the total number of lectures delivered.
1. A student in the categories listed above under clause (a), will get the benefit of attendance for Internal Assessment for the classes missed.
 2. However, medical certificates shall be excluded while calculating credit towards marks to be awarded for regularity, though such certificates shall continue to be taken into account for the purpose of calculating eligibility to appear for examinations.

Following points should be noted in view of Ordinance VII and Ordinance VIII-E

1. The rules related to benefits mentioned in Ordinance VII and VIII-E of University of Delhi shall be strictly followed.

2. Medical benefits are given for the purpose of determining eligibility to sit in examinations only and not for the purpose of giving marks.
3. Total benefits cannot exceed 1/3 of the total lectures delivered.
4. Benefits of attendance are given for participation and not for organising the events/ activities.

The benefits as per the rules of the University of Delhi shall be given only for participation in:

- i. Various public assignments of the National Service Scheme (NSS) with the approval of the Teacher-in-charge/ Principal;
 - ii. Sports or other activities organised by the Inter-University Board or in national or international fixtures in games and sports approved by the Vice-Chancellor or a student who is required to represent the University at the Inter-University Youth Festival;
 - iii. Periodical training in the Territorial Army;
 - iv. Inter-College sports or fixtures, debates, seminars, symposia or social work projects; or
 - v. Debates and other extra-curricular activities held in other Universities or such other activities.
5. Concerned Teacher-in-charge of societies shall make sure that the participation of student is bonafide.
 6. Benefit sheet must be given for every student separately. Students must submit the photocopy of benefit sheet to their concerned teacher but original sheet must be shown to the concerned teacher, if the teacher demands.
 7. Following format of benefit sheet only should be followed:

Format of Benefit Sheet

SHRI RAM COLLEGE OF COMMERCE <SOCIETY NAME>			
Attendance Benefit Sheet <Month, Year>			
Dear Colleague			
It is requested that <Student's Name>, <Roll number> of <Course>, <Year>, <Semester>, <Section>, has participated in the events given below. So kindly grant her/him attendance benefits for the following classes:			
S.No.	Date	Class (Period)	Details of Participation
1.			
2.			
Thanks			
Verified By			
<Name><Name>			
Society President			
Teacher-In-Charge			

ORDINANCE XV-B Maintenance of Discipline among Students of the University

1. All powers relating to discipline and disciplinary action are vested in the Vice Chancellor.
2. The Vice Chancellor may delegate all or such powers as he/she deems proper to the Proctor and to such other persons as he/she may specify in this behalf.

3. Without prejudice to the generally to power to enforce discipline under the Ordinance. The following shall amount to acts of gross indiscipline:
 - a) Physical assault or threat to use physical force, against any member of the teaching and nonteaching staff of any institution/Department and against any student within the University of Delhi;
 - b) Carrying of, use of, or threat to use of weapons;
 - c) Any violation of the provisions of the Civil Rights Protection Act, 1976;
 - d) Violation of the status, dignity and honor of students belonging to the scheduled castes and tribes;
 - e) Any practice-whether verbal or otherwise-derogatory of women;
 - f) Any attempt at bribing or corruption in any manner;
 - g) Willful destruction of institutional property;
 - h) Creating ill-will or intolerance on religious or communal grounds;
 - i) Causing disruption in any manner of the academic functioning of the University system;
 - j) Ragging as per ordinance XV-C.
4. Without prejudice to the generality of his/her powers relating to the maintenance of discipline and taking such action in the interest of maintaining discipline as may seem him/her appropriate, the Vice-Chancellor, may in the exercise of his/her powers aforesaid order or direct that any students or students:
 - a) Be expelled; or
 - b) Be for a stated period rusticated; or
 - c) Be not for a stated period, admitted to a course or courses of study in a College, Department or Institution of the University; or
 - d) Be fined with a sum of rupees that may be specified; or
 - e) Be debarred from taking a University or College or Departmental Examination or Examinations for one or more years; or
 - f) That the result of the students or students concerned in the Examination or Examinations in which he/she or they have appeared be cancelled.
5. The Principals of the Colleges, Heads of the Halls, Dean of Faculties, Heads of Teaching Departments in the University, the Principal, School of Correspondence Courses and Continuing Education and Librarian shall have the authority to exercise all such disciplinary powers over students in their respective Colleges, Institutions, Faculties and Teaching Departments , in the University as may be necessary for the proper conduct of the Institutions, Halls and teaching in the concerned Departments. They may exercise their authority through, or delegate authority to, such of teachers in their Colleges, Institutions or Departments as they may specify for these purposes.
6. Without prejudice to the powers of the Vice-Chancellor and the Proctor as aforesaid, detailed rules of discipline and proper conduct shall be framed. These rules may be supplemented, where necessary, by the Principals of Colleges, Heads of Halls, Deans of Faculties and Heads of Teaching Departments in this University. Each student shall be expected to provide himself/herself with a copy of these rules.
7. At the time of admission, every student shall be required to sign a declaration that on admission he/she submits himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of the University of Delhi who may be vested with the authority to exercise discipline.

ORDINANCE XV-C Prohibition and Punishment for Ragging

1. Ragging in any form is strictly prohibited, within the premises of College/ Department or Institution and any part of Delhi University system as well as on public transport.
2. Any individual or collective act or practice of ragging constitutes gross indiscipline and shall be dealt with under this Ordinance.
3. Ragging for the purposes of this Ordinance, ordinarily means any act, conduct or practice by which dominant power or status of senior students is brought to bear on students freshly enrolled or students who are in any way considered junior or inferior by other students; and includes individual or collective acts or practices which –
 - a. Involves physical assault or threat to use of physical force;
 - b. Violate the status, dignity and honour of women students;
 - c. Violate the status, dignity and honour of students belonging to the scheduled caste and tribe;
 - d. Expose students to ridicule and contempt and affect their self-esteem;
 - e. Entail verbal abuse and aggression, indecent gestures and obscene behaviour.
4. The Principal of a College, the Head of the Department or an Institution, the authorities of College, or University Hostel or Halls of Residence shall take immediate action on any information of the occurrence of ragging.
5. Not with standing anything in Clause (4) above, the Proctor may also suo moto enquire into any incident of ragging and make a report to the Vice-Chancellor of the identity of those who have engaged in ragging and the nature of the incident.
6. The Proctor may also submit an initial report establishing the identity of the perpetrators of ragging and the nature of the ragging incident.
7. If the Principal of a College or Head of the Department or Institution or the Proctor is satisfied that for some reason, to be recorded in writing, it is not reasonably practical to hold such an enquiry, he/she may so advise the Vice-Chancellor accordingly.
8. When the Vice-Chancellor is satisfied that it is not expedient to hold such an enquiry, his/her decision shall be final.
9. On the receipt of a report under Clause (5) or (6) or a determination by the relevant authority under clause (7) disclosing the occurrence of ragging incidents described in Clause 3(a), (b) and (c), the Vice-Chancellor shall direct or order rustication of a student or students for a specific number of years.
10. The Vice-Chancellor may in other cases of ragging order or direct that any student or students be expelled or be not for a stated period, admitted to a course of study in a college, departmental examination for one or more years or that the results of the student or students concerned in the examination or examinations in which they appeared be cancelled.
11. In case any student who has obtained degree or diploma of Delhi University is found guilty; under this Ordinance, appropriate action will be taken under Statute 15 for withdrawal of degree or diploma conferred by the University.
12. For the purpose of this Ordinance, abetment to ragging whether by way of any act, practice or incitement of ragging will also amount to ragging.
13. All Institutions within the Delhi University system shall be obligated to carry out instructions/ directions issued under this Ordinance, and to give aid assistance to the Vice-Chancellor to achieve the effective implementation of the Ordinance.

PREVENTION, PROHIBITION & REDRESSAL OF SEXUAL HARASSMENT OF FEMALE STUDENT

Provisions of the Sexual Harassment of Women at workplace (Prevention, Prohibition & Redressal) Act, 2013 and Sexual Harassment of Women at workplace (Prevention, Prohibition & Redressal) Rules, 2013, University Grants Commission (Prevention, Prohibition and Redressal of Sexual Harassment of Woman Employees and Students in Higher Educational Institutions) Regulations, 2015 govern the complaints related to sexual harassment and a designated committee has been constituted in the colleges to take cognizance of the matters, if any. For more information about the Act, 2013 refer to <http://wcd.nic.in/act/sexual-harassment-women-workplace-preventionprohibition-and-redressal-act-2013> and UGC Regulation, 2015 published in the Gazette of India Extraordinary, Part III. Section 4 (New Delhi: Government of India, 2016).

INFRASTRUCTURE & FACILITIES

The College is very well equipped with infrastructure and facilities of global standards, which add to the globally competitive dimension of the learning process at the College.

Classrooms and Tutorial Block

All the classrooms of SRCC are centrally air conditioned and are equipped with modern teaching facilities such as Wi-Fi enabled, ceiling mounted LCD projectors and supporting roll down screens. Since the main building of the College has been recognised by the Government of Delhi as a “Heritage Building”, the classrooms have retained the heritage look with the vintage teak furniture. In addition, the College also has a two storey tutorial block with fully air conditioned tutorial rooms that facilitates smooth conduct of personalized student-teacher interaction in the College.

Library

The College has a well-stocked library catering to the needs of more than two thousand seven hundred students at the undergraduate and postgraduate levels. Being fully automated, the library uses Radio Frequency Identification (RFID) technology and database management software LibSys version 7.2. It is fully air-conditioned and has two large reading halls accommodating around three hundred students. It is well equipped with all the modern facilities and resources (print and electronic) in the form of CD-ROMs, DVD-ROM, video cassettes etc. It has also developed a full-fledged digital library. The library has fully computerized its most actively used collection which is searchable through OPAC (Online Public Access Catalogue). It also permits access to the electronic resources provided by DULS (Delhi University Library System) and also provides remote access to e-publications through DELNET. There is a separate and dedicated internet service area installed with 40 computers to facilitate the members to access internet and online resources. The library has a collection of over 80,000 books and there is continuous addition of latest publications in the field of business, economics, humanities and literature to provide a wide range of academic resources to students and faculty members. The College also subscribes to various newspapers and about eighty national and international journals. The library has also adopted the theme of cashless and is progressing towards paperless environment. The Library opens for eight hours from 8.30 a.m. to 5.00 p.m. However, during examinations it opens from 8.00 a.m. to 8.00 p.m. for students' convenience.

Computer Centre

The College has three computer labs having a total of 132 computers equipped with updated software and hardware along with internet connectivity and uninterrupted power backup. The computer labs also have projectors installed which are used as teaching aids. Printing and scanning facilities are also available in Computer Centre. In addition, the computer centre is also available for the students for accessing internet, practicing and preparing their projects.

Resources for Differently-abled Students

The College devotes special attention to cater to the needs of differently-abled persons. The College has a unique resource centre for visually impaired students developed under the SRCC Enabling Unit. The Resource Center consists of state of the art technology which exponentially empowers the differently-abled students to enhance their learning abilities with screen reading software like JAWS, Super NOVA and Kurzweil. There is a range of text magnifiers and portable OCR (Optical Character Recognition) readers to read hard text instantly. Further, a talking notice-board with a digital-audio database for all the notices is set up in the resource centre. Apart from this, the entire campus area is connected with a network of ramps and an elevator to facilitate smooth movement of physically challenged persons. The College also has two electronic wheel chairs for the aid of students with locomotive disabilities. A separate canteen has been set-up for facilitating differently-abled students

Seminar Room

The state-of-the-art Platinum Jubilee Seminar Room was constructed on the occasion of the College's Platinum Jubilee in 2000–2001. The air-conditioned seminar room, with a seating capacity of about hundred people, is equipped with audio-visual facilities along with recording facilities and an excellent sound system. It also features a projector screen, white board, black board and a podium. The Seminar Room is used for holding seminars, symposia, group discussion, lectures etc.

Auditorium

The College has an air-conditioned Auditorium with a seating capacity of over 750 persons. The auditorium is equipped with lighting and sound systems that is managed by specially designated support staff along with the students. All important functions are organized in the College Auditorium and it is extensively used by the students for extra-curricular activities and for hosting functions of the College. It comprises a large stage, two green rooms, comfortable seating, carpeting, wall panelling for acoustic effects, air-conditioners, washrooms, locker and a podium.

Sports Complex

The College is proud to have a gigantic centrally air-conditioned state-of-art international standard multipurpose indoor sports stadium built by the Government of India in the year 2010. The complex stands parallel to any other world class structure, equipped with all amenities and facilities available for the sports players. The Sports Complex includes multipurpose hall and sports field. It includes changing rooms, physiotherapy unit and gymnasium. The multipurpose hall comprises of a wooden floor catering to the sports like basketball, volleyball, judo, yoga, wrestling etc. Besides this, a separate room for chess and table tennis is also provided in the stadium. It has a seating capacity of more than 1200 spectators. The College also has a hockey cum football field. Every year the College holds Sports Carnival, Inter-class matches and Sports Day. For proper training and grooming of players the College provides coaching facilities to the players for different games.

Playground

The College has an expansive and lush green outfield that facilitates sports like

hockey, foot-ball, net-ball, base-ball, soft-ball, hand-ball and athletics.

Swimming Pool

SRCC is one of the few Colleges in the University of Delhi to have a swimming pool facility. The swimming pool opens during summer season only. The swimming pool is properly maintained and coaching facilities are also provided to newcomers.

Hostel Accommodation for Girls and Boys

The College has two separate hostels for boys and girls, respectively on the campus itself. The capacity of the hostels is 145 for boys and 53 for girls. The on-campus residence of a number of students gives the College fraternity an image of an extended family. At the infrastructure front, the hostel kitchen has been modernized. The hostels are under CCTV surveillance. Further, online payment of mess bill has been initiated.

Students desirous of hostel accommodation should refer to the relevant Girls Hostel or Boys Hostel Prospectus available in the College/Hostel Office and apply in the prescribed form at the time of admission. Hostel accommodation is on the basis of availability of seats and admission to College does not guarantee admission to the Hostel.

Other Facilities

Canteen

The College has a fully air-conditioned canteen. A popular meeting place for the students, it provides refreshing and sumptuous snacks, meals and beverages.

Cooperative Store

The College has an in-house Bookshop. It provides books, reference materials and stationery products to the students.

Photostat Shop

There is a photocopier in the campus. The students can avail the facility of photocopy, printing as well as compilation of study material.

Bank

The College houses a branch of State Bank of India (SBI). Students can open their account as well as take advantage of other banking facilities from the SBI branch.

Parking Facility

The College has an all-weather parking area for its staff and students. A guard is deputed to facilitate secured parking. Entry to parking area is restricted to availability of space. The parking area is under CCTV surveillance.

Basic Health Care Unit

The College maintains a Basic Health Care Unit wherein basic medical support is provided to the staff and students. A full-time nurse is appointed for this purpose. Further, the consultation services of a general physician and an orthopedist are also available on specific days.

Physiotherapy Unit

The College has a Physiotherapy Unit at the Sports complex for its students and staff members. The Physiotherapy section has Electrotherapy room and Exercise therapy room. The Electrotherapy room is equipped with all the basic physiotherapy modalities (i.e. IFT u.s. TENS, Muscle Stimulator, SWD [short move diathermy], Traction Machine, wax bath therapy and hydro collator) meant for pain relief and relaxation. The exercise room has the basic exercise equipment (i.e. Shoulder Wheel, Wrist Exerciser, Ankle Exerciser, and Foot Exerciser) along with some equipment especially for sports students that include resistance bands and loops, Swiss Balls, Foam Rollers, Bosu Balls, Medicine Balls, and Weigh Cuffs. There is also an RIP-60 trainer (supervision trainer) for rehabilitation and training purposes. A visiting physiotherapist is attached to the unit and is available during working days and hours.

Fitness Centre/Gymnasium

The College maintains its own fitness centre. It is located inside the multipurpose hall in sports complex possessing equipment for free weight exercises, bodyweight exercises, gym ball exercises / Swiss ball exercises, resistance band exercises, resistance machine exercises and stretching exercises. The Centre also holds classes for kickboxing, yoga and aerobics. The Gym has two broad sections:

1. Weight training section: This section comprises of Olympic weightlifting weights, exercise stations, Swiss balls etc.

2. Cardio section: It consists of treadmills, elliptical trainer, cycles etc.

Wi-Fi enabled Campus

The College has a Wi-Fi enabled campus. The College server is connected with the University 's main campus server. Access to any new information is just a click away for students.

Lift

The College has a lift facility and a dedicated lift operator to aid differently-abled students in particular.

Railways & Airlines Concession

Students are allowed railway fare concession during vacations only for travelling to their hometown. Railway concession forms may be obtained from the College's Administration Office. Students must inform the office about any change in hometown address by an application countersigned by their parents. Airlines fare concessions are available for travelling to any place within the country. You may obtain the forms from the airlines office.

Multipurpose Hall

The hall comprises of a wooden floor of size 33m x 33m. It has a seating capacity of more than 1200 spectators. It includes changing rooms and fitness centre. The multipurpose hall caters to the following sports:

- Basketball
- Badminton
- Table Tennis

Counsellor Room

SRCC has collaborated with the team of YourDOST, an online counselling and emotional support platform, to address mental health of students. YourDOST anonymously connects you with the right expert from their panel consisting of psychologists, psychotherapists, counsellors, life coaches and career coaches, who understand you and guide you through completely confidential individual sessions. During the Covid-19 pandemic, the mental health of the people got adversely affected and SRCC extended counselling service online for its students and teachers 24 x 7. On Campus the counsellor room is located in the Tutorial Block and is accessible to all who would want someone to talk to, about anything, without the fear of judgement.

Sanitation Park

In pursuit of its commitment to environment protection, the Shri Ram College of Commerce initiated a Solid Waste Management (SWM) Project in order to control, reduce, recycle and dispose of solid waste of the college. It entered into a yearlong collaboration with the Feedback Foundation Trust to setup the project and to develop a mechanism that is sustainable in the long run too. To further the objectives of the SWM project, a sanitation park has been created for generation of good amount of compost ready to be used in the college gardens as manure.

Botanical Garden

The Botanical Garden near the Principal bungalow is an expanse of lush green garden packed with a plethora of most exclusive plants and trees. The garden is further used to conduct educational programs to increase awareness among students. At the park's edge, one can relax on a bench and enjoy the serenity.

NADEP Composting Pits and Separate Bio and Non-Bio Waste Bins

Emphasising on the importance of cleanliness and the important goal of sustainability, the college endorses the Two-Bin Waste Segregation system and therefore has bins at multiple locations, allowing for easier disposal of waste and inculcating a habit of effective waste management by segregation. Three NADEP composting pits had also been constructed in the park where composting process is fully operational. A bamboo hut had been erected in the Campus which houses two NADEP composting pits, where composting process is fully operational, and one garden waste shredder. Shredding of leaves is being done as per the capacity of the composting pits and sufficient compost is generated for college gardens. Separate dustbins have been placed in the campus for segregation of waste at the source itself.

Nescafé

Expanding on the multiple menu options available to the students, a refreshing touch of modernity comes from the recently installed Nescafe outlet. Catering to the ever changing palates of Gen-Z, the outlet boasts of unparalleled variety in snacks, confectioneries and drinks.

Girls' Common Room

Shri Ram College of Commerce respects gender diversity and promotes an inclusive environment for the female students. The College has created a Girls' Common Room (GCR) equipped with sanitary vending machine in recognition of their need for personal space. The GCR is strategically located at the Principal Bungalow to maintain the privacy of the girl students of the college. It has comfortable seating space with sofa sets, dining table and a bed along with beautiful photographs by Ashok Dilwali to add to the aesthetic appeal. The women washrooms in the college are equipped with a vending machine for sanitary pads to ensure availability as and when required.

Crèche

In order to support the parenting needs of the college staff, Shri Ram College of Commerce provides Crèche facility to its employees. It has created a safe and secure place where the employee kids can stay while the staff is at work. A spacious room has been dedicated for the Crèche facility in the Principal Bungalow in order to support staff at the workplace. The Crèche has been designed in order to accommodate the kids of varying age groups and provides for various learning tools like books, wall stickers and toys for cognitive stimulation. It also has a play area, a crib and a bed where the kids can rest, if required.

Solar Panels

The College has installed a few solar panels for energy conservation. The curvilinear design of the building as well as the installation of open-nets according to architectural best practices reduces the emphasis on artificial light. The College is also transitioning to LED lights to save energy usage in the premise. Further, the College has a systematic monitoring mechanism to ensure the lights and fans of rooms are closed when not in use.

SCHOLARSHIPS

Scholarships and Financial Aid

The college provides requisite scholarships and financial aid to genuinely needy students. Students requiring financial assistance may approach the Administrative Officer and complete the formalities.

1. SRCC Student's Union Scholarships

- (i) Two need-cum-merit scholarships of Rs. 12,000 each per annum for students of second year.
- (ii) The scholarships will be awarded to the students of B.Com. (Hons.) and B.A. (Hons.) Economics.
- (iii) The family Income of the student should not exceed Rs. 6,00,000 per annum.

2. SRCC Alumni Association Scholarship

- (i) One need-cum-merit scholarship of Rs. 12,000 per annum for a student of B.Com. (Hons.) or B.A. (Hons.) Economics in the first year.
- (ii) The scholarship will continue in the second and third year, provided the student maintains on an average at least 60% marks in the preceding two semester examinations.
- (iii) The family Income of the student should not exceed Rs. 6,00,000 per annum.

3. Sultan Chand Trust Scholarship

- (i) Two scholarships of Rs. 12,000 each per annum for toppers of first year and second year of B.Com. (Hons.). The scholarships will be awarded to the topper only, even if he/she has been awarded some other scholarship(s).
- (ii) These scholarships are for second year and third year students only.

4. Mitsubishi UFJ Foundation Scholarship

- (i) Mitsubishi UFJ Foundation (Japan) awards a scholarship of US \$420 each to 12 undergraduate students.
- (ii) The scholarship will be awarded to first, second and third year students.
- (iii) There will be three students from B. Com. (Hons.) and one student from B.A. (Hons.) Economics from each of the three years.
- (iv) The scholarships will be awarded on the basis of 75% weightage to marks obtained in the previous examinations and 25% weightage to performance in the interview.
- (v) The scholarships will be awarded to the students even if they have been awarded some other scholarship(s).
- (vi) The scholarships will be given to the students on the basis of merit.

5. Envision Scholarship

- (i) One scholarship of Rs. 18,000 per annum to a student of third year B.Com. (Hons.) for securing the highest marks in the second year.
In case of a tie between students, it will be awarded to one who has secured higher aggregate marks in the preceding qualifying University Examination.
- (ii) The scholarship will be given to the topper even if he/she has been awarded some other scholarship(s).

6. M.C. Shukla Scholarship

- (i) Two need-cum-merit scholarships of Rs. 12,000 each per annum are available for B.Com. (Hons.) second year students who have secured on an average at least 65% marks in the previous two semester examinations, and have minimum of 75% attendance in the previous year.
- (ii) The family Income of the student should not exceed Rs. 6,00,000 per annum.
- (iii) Merit and need have equal weightage.

7. T. S. Grewal Scholarship

- (i) One need-cum-merit scholarship of Rs. 12,000 per annum is awarded to a B.Com. (Hons.) second year student who has secured on an average at least 65% marks in the previous two semester examinations.
- (ii) Merit and need have equal weightage.
- (iii) The family income of the student should not exceed Rs. 6,00,000 per annum.
- (iv) The scholarship is funded from the corpus provided by Shri S. N. P. Punj.

8. Kanwar Lal Memorial Scholarship

- (i) One need-cum-merit scholarship of Rs. 12,000 per annum is awarded to a student of B.Com. (Hons.) or B.A. (Hons.) Economics.
- (ii) The scholarship will be awarded to a student of B.Com (H) or B.A (H) Economics who secures 60% or more marks in Business Communication or Compulsory Language (English) paper.
- (iii) Merit and need have equal weightage.
- (iv) The family Income of the student should not exceed Rs. 6,00,000 Per Annum.

9. C. B. Gupta Memorial Scholarship

- (i) One need-cum-merit scholarship of Rs. 12,000 per annum is awarded to a first year student of B.Com. (Hons.).
- (ii) The family Income of the student should not exceed Rs. 6,00,000 per annum.

10. Prem Handa Memorial Scholarship

- (i) One scholarship of Rs. 12,000 per annum is awarded to a third year student of B.Com. (Hons.) on need basis.
- (ii) The family Income of the student should not exceed Rs. 6,00,000 per annum.

11. Pt. Kanahya Lal Dayawanti Punj Scholarship

- (i) One scholarship of Rs. 12,000 per annum is awarded to a second year student of B.Com (Hons.) on need basis.
- (ii) The family income of the student should not exceed Rs. 6,00,000 per annum.

12. Manoj Kumar Memorial Scholarship

- (i) One need-cum-merit scholarship of Rs.12,000 is awarded to a second year student of B.Com (Hons.).
- (ii) Merit will be determined by qualifying marks of 60% in the subjects Introductory Microeconomics in Semester I and Introductory Macroeconomics in Semester II.
- (iii) Merit and need have equal weightage.
- (iv) The family Income of the student should not exceed Rs. 6,00,000 per annum.

13. Need Based College Scholarship

- (i) Scholarships of Rs. 12,000 per annum are awarded to the economically needy students of B.Com. (H), B.A. (H) Eco. and M.Com.

- (ii) The family Income of the student should not exceed Rs. 6,00,000 per annum.

14. Scholarship for Scheduled Caste/Scheduled Tribe/OBC

Two scholarships, namely Post-metric scholarship for SC/OBC and merit Scholarship for College/Technical/Professional institutions for SC/ST/OBC/Minority bonafide students (belonging to Delhi), are awarded by the Directorate of Education, Government of NCT, Delhi on receipt of completed applications submitted through the college. The eligible students should submit their scholarship forms along with the attested copies of documents as per the notification/advertisement published by Delhi Government in leading newspapers in the month of August-September every year.

15. All India Entrance Scholarship

The University holds a competitive examination in the month of October every year for the award of 50 All India Entrance Scholarships of Rs. 250 per month, tenable for three years, for pursuing a course of study for an Honours Degree in this University.

The last date for receipt of application is September 1st of every year. Details may be obtained from the College Office or from University on any working day between 9:30 a.m. and 12:30 p.m.

16. Neeru Singh and Analjit Singh Scholarship

- (i) One need-cum-merit scholarship of Rs. 12,000 per annum is awarded to a first year student of B.Com. (H)/B.A. (H) Economics who scores 85% or more marks in 12th standard.
- (ii) The awardee will continue to get scholarship through his/her stay in the college, provided he/she scores 60% or more marks in the preceding two semester exams taken together.
- (iii) Merit and need have equal weightage.
- (iv) For a more egalitarian distribution of the scholarship funds, the first year student shall be chosen in rotation – general category in the year of institution (2015), OBC (2016), PWD/SC/ST (2017). This pattern is to be continued thereafter.
- (v) Annual family income should not exceed Rs. 6,00,000 per annum.

17. Aabhaas Hajela Memorial Scholarship

- (i) Prize for Differently-Abled (PwD) students.
- (ii) Two Scholarships of Rs.15,000/- each per annum – One for the B.Com. (Hons.) and One for the B.A. (Hons.) Economics student.
- (iii) Students under the Differently-Abled category who are studying in V Semester of undergraduate programme shall be eligible to apply.
- (iv) The Scholarship shall be awarded to the student in each programme who scores highest average CGPA in first four semesters of his/her UG programme.
- (v) In case of a tie between eligible students, their marks of class 12 in four best subjects, the basis on which students were admitted in the College, would be taken to break tie.
- (vi) In the event of another tie, yet again, at the preceding step, whoever scores higher CGPA in IV Semester will be eligible.

18. Graduate Class of 1961-Diamond Jubilee Scholarship

- (i) One scholarship of Rs. 30,000 per annum to be awarded to a student of B.Com. (H)/B.A. (H) Eco. final year.
- (ii) The scholarship would be merit-cum-means one with both given equal weightage.
- (iii) Merit for the applicants would be determined by a minimum average CGPA of 9 for the preceeding four or six semesters.
- (iv) Need would be determined on the basis of family's annual income which should be Rs.6,00,000 or below.
- (v) A student awarded this scholarship would not be eligible for any other scholarship.

19. Rajeshwar Gupta and Kailashwati Devi Scholarship

- (i) The amount of the scholarship to be awarded to the selected student will be Rs 25,000 p.a.
- (ii) The scholarship shall be awarded to a student every year on the basis of need-cum-merit.
- (iii) Need would be determined on the basis of family's annual income which should be Rs.6,00,000 or below.
- (iv) Merit for the applicants would be determined by a score of 95% in the 12th Board Exam. The percentage shall be calculated as per admission criterion. In case of a tie, the marks of the fifth paper shall be taken into account. The second tie breaker will be the family income.
- (v) Scholarship will be open to all first year student of B.Com.(H) & B.A. (H) Eco.
- (vi) A student awarded this scholarship would not be eligible for any other scholarship.

20. Dr. Charat Ram Memorial Scholarship

- (i) 10 Scholarship of Rs.20,000 p.a. would be give as follows:
 - One scholarship each for B.Com. (H) & B.A. (H) Eco. first year students.
 - Two scholarships each for B.Com. (H) & B.A. (H) Eco. second year students.
 - Two scholarships each for B.Com. (H) & B.A. (H) Eco. third year students.
- (ii) Merit and need have equal weightage.
- (iii) For first year students qualifying marks would be 85% or above (best of four) in the 12th Board Exam.
- (iv) For second and third year students qualifying marks would be CGPA of 7 or above.
- (v) Second and third year students should have a minimum attendance of 70% in the preceeding year.
- (vi) Need would be determined on the basis of familys' annual income which should be Rs.6,00,000 or below. First priority will be given to students without both parents. Second priority will be given to students without one parent.
- (vii) This scholarship will not be available for students receiving any other scholarship.

MEDALS & PRIZES

Academic Gold Medals

1. Prem Pandhi Gold Medal is awarded to best post graduate student to be judged on the basis of overall performance of student in academics, attendance, conduct, participation and credits/awards in extra-curricular activities and sports activities in the first two semesters of postgraduate diploma in Global Business Operations. The weightage is as follows:

Academics	50%
Attendance	20%
Conduct and Participation in extra-curricular activities	20%
Sports	10%
2. Kamla Mehrotra Gold Medals awarded to B.Com. (Hons.) overall topper.
3. Tejpal Aggarwal Gold Medals awarded to B.Com. (Hons.) first year topper.
4. Arun Chachra Memorial Gold Medals awarded to a student of B.A. (Hons.) Economics overall topper.
5. Dr. Charat Ram Gold Medal awarded to B.A. (Hons.) Economics second year topper.
6. Shri G. L. Bansal Gold Medal awarded to B.A. (Hons.) Economics first year topper.
7. Professor V.K. Bhalla Gold Medal is awarded to the topper of the Financial Management Paper.
8. Shri P. D. Kohli Memorial Gold Medal for GBO awarded to the overall topper of I, II, III, IVth semester.
9. Mrs. Indu Rani Punj Memorial Gold Medal is awarded to the topper of Global Business Operations (GBO) Programme across all years taken together.

Other Medals

1. Principal Jai Narayan Vaish Memorial Medals are awarded to those students who secure first position in B.Com. (Hons.) and M.Com. in the college at the graduate and post graduate examination respectively and have consistently obtained first division marks in all examinations.
2. Kumari Archana Agrawal Memorial Medal and Cash Prize are awarded to a girl student of B.Com. (Hons.) who secures the highest percentage of marks in all the years taken together and has cleared these examinations in the first attempt.
3. R. L. Gupta Medal awarded to a student of B.Com. (Hons.) III year who secures highest marks in aggregate in Financial Accounting and Corporate Accounting and has consistently obtained first division marks in B.Com. (Hons.) I and II year examinations.
4. Suniti Goyal Medal is awarded to the final year topper of B.A. (Hons.) Economics.

Medals for Extra Curricular Activities

1. Hora Medal is awarded to a student of final year of B.Com. (Hons.) or B.A. (Hons.) Economics or M.Com. or M.A. Economics for outstanding participation and organization of extra-curricular activities in the college during all the years. The criteria/weightage for award of medal is as under:

Organizing Ability	60%
Leadership Quality	20%
Active Participation in various extra-curricular activities	20%

- Dhani Ram Medal is awarded to the best debaters of the year: one in Hindi and one in English. The medals will be awarded to any student, who has to his/her credit maximum active participation in debating during the year, provided that no student shall be awarded medal more than once.

Best debater will be decided on the basis of the following criteria:

Prize	Weightage in College Function	Weightage in Inter-College Function
1 st Prize	10%	40%
2 nd Prize	5%	20%
3 rd Prize	2%	10%
Consolation Prize or Sharing a Trophy	2%	5%
Participation	1%	5%

- Principal Madan Mohan Medal is awarded to a student who has to his/her credit maximum active participation in extra-curricular activities during the year. The participation in extra-curricular events may include debates, public speaking, essay writing, seminar and symposia presentation, conference papers, music, dancing, drawing, painting, sculpture and other fine arts, exhibition of photography, painting etc., plays, mono-acting performance, computer games, quiz competition, co-ordination with corporate for campus recruitment, organization of campus recruitment process, international programmes, case study competition, simulation exercise, etc.
- Social Service Medal is awarded to the best social worker of the college for the year.
- Special award is given by the Principal to one differently-abled student from B.Com.(Hons), B.A. (Hons) Economics third year, M.Com. second year and G.B.O. IV semester.

Academic Prizes

- There are three prizes in the I, II and III Year classes of B.Com. (Hons.) and three prizes in the I, II and III Year classes of B.A.(Hons.) Economics. Likewise, there are two prizes in Year I and Year II of M.Com. and Post Graduate Diploma in Global Business Operations.
- Skand Gupta Memorial Prize is given to a student of B.A. (Hons.) Economics II year who scores highest marks in the Compulsory Language (English) Credit Course paper in the preceding year.
- Manohar Lal Memorial Prize is awarded to a student of B.A. (Hons.) Economics II and III year or B.Com. (Hons.) III year who has scored the highest marks in Hindi in the preceding year in the credit course paper.
- Master Akshat Ramesh Gupta Memorial Prize is given to a male student who scores highest aggregate marks during three years of B.Com. (Hons.).

LIBRARY

The College has a well-stocked up-to-date library containing more than eighty-one thousand books and subscribing to eighty international and national journals. The reading room can accommodate around three hundred students. The Library follows the Dewey Decimal System of classification. There is a computerized catalogue i.e Online Public Access Catalogue (OPAC), internet facility and online search services. The library is fully-automated with RFID Technology and is open for its members on all working days. Library is in the process to acquire Eviews-10 and N-List (INFLIBNET) for enhancing the academic and research infrastructure of the college. Library is also equipped with the Resource center to cater to the needs of differently-abled students. To become a borrowing member of the library, you must show your fee slip, bring one passport-size photograph and fill in the prescribed form obtainable from the circulation (issue/return) counter.

The students should follow certain rules and instructions in order to get best out of the Library:

1. The arrangement of the books (whether in the stack rooms, reserved sections) should never be disturbed. Once a book has been removed from the shelves, it should be left lying on the nearby tables. The library staff will put the book in its proper place. Please remember that a misplaced book in the library is just like a book lost.
2. If you are not able to find/trace what you are looking or, the library staff will help you.
3. Books issued should never be marked, torn or tampered with. They still have to be read by many people.

Besides this, certain Do's and Don'ts need to be observed by students:

Do's:

1. Seek the help of library staff if you are not able to locate/trace any book or reading material you are looking for. Each section is assigned to a library staff who can be contacted for help.
2. Library has RFID technology. Library Kiosk can be used to locate the desired item.
3. At the time of taking possession of any book or reading material, check and ensure that the same is in proper condition. Any abnormality must be reported to the counter assistant immediately.
4. Stand in queue while issuing or returning books.
5. Observe absolute SILENCE in the library.
6. Return issued books on time. If you need a book urgently, do reserve it in your name. You can get such books as soon as it is returned to the library.

Dont's:

1. Users should not mark or write on the reading materials, nor temper/deface/mutilate it in any form.
2. Users are not allowed to bring bags inside the library. All bags must be deposited at the Property Counter located at the entrance of the library, and collect the same while returning.
3. You should not use others' library card as library cards are Non-transferable.
4. Do not insert pencils or notebooks between the pages of a book, especially when closing it.
5. Users are not allowed to take any book or reading material out of the library without getting it issued.

6. Users should not speak or read loudly. Gossiping, sleeping and chatting are not permitted.
7. Eatables, drinks, etc. are not allowed in the Library.
8. Do not use mobile phone in the library.

Property Counter

As members are not allowed to bring any book, magazine etc. inside the library premises there is a Property Counter to keep these. Before entering the Library, members should deposit their belongings at the Property Counter at their own risk. Cash or other costly items should not be kept in the bags deposited at the counter. The person at the Library Gate is deputed to check that:

1. No outsider enters the library without the permission of the Librarian or the Principal.
2. No personal belongings (bags etc.) are taken inside the library.
3. No book or periodical goes out without an entry in the library record.

The students are requested to cooperate with the library staff in checking because the person at the library gate is only performing his/her duty.

Library Card

1. All the students admitted to the College should apply on a prescribed form and are issued Library card at the time of their admission. The Card entitles them to avail all the library facilities.
2. The library card identifies that its bearer is a bonafide member of the library.
3. Please carry the library card always with you.
4. The library card should be kept carefully. If it is lost, a duplicate card will be issued at the discretion of the college authorities after establishing the complete identification and genuineness of the student.
5. It should not be handed over to anybody, as it may be misused. The owner is responsible for the consequences thereupon.

On-Line Public Access Catalogue (OPAC)

Library is fully automated. Two computer terminals are placed in the library on ground floor near circulation counter. Users can search their documents/books in library database on these computers.

Arrangement of Books

To ensure the proper use of books, these have been arranged in a logical order according to the Dewey Decimal Classification Scheme. Books are placed on the shelves from left to right across a shelf, then down to the next shelf and across left to right and so on.

The books which are in constant demand such as Text Books, Reference Books etc. are placed separately to facilitate easy access to these books. This technique is adopted to facilitate easy, early search and also to save time.

Dictionaries

Dictionaries concerning the respective subject are placed in reference section so that the reader may consult them whenever he/she feels the need.

Resource Sharing (ILL)

The library has E-mail facility and online search service. We are in the process of acquiring a software package which will completely revolutionize the way we access the books from the catalogue. Library is an active member of Developing Library Network (DELNET).

RFID (Radio Frequency Identification)

Library has been technically upgraded with the installation of RFID. It will serve the hardware and software used in the library on a long term basis. It is technologically

equipped to provide various features like RFID tags, RFID smart card system, self check out station, RFID security gate, RFID book drop, self-management system, portable Wi-Fi handled reader. This will ensure the smooth functioning of the library through automation of various procedures.

Journals & Periodicals Available:

Periodicals

- | | |
|--|------------------------------|
| 1. Accountancy | 11. Chartered Accountant (M) |
| 2. American Economic Review | 12. The Economist |
| 3. Accounting Review | 13. Journal of Accountancy |
| 4. Harvard Business Review | 14. Vikalpa |
| 5. Journal of Economic Perspective | 15. Kurukshetra |
| 6. Journal of Economic Literature | 16. Organization Dynamics |
| 7. Journal of FinanceMagazines | 17. IndraprasthBharti |
| 8. Academy of Management journal | 18. SahityaAmrit |
| 9. Review of Professional Management | 19. Gagnanchal |
| 10. American Economic Journal: Economic Policy | |

Magazines

- | | |
|-------------------------------|---------------------------------|
| 1. Competition Success Review | 15. The Week |
| 2. Business India | 16. Chronicle |
| 3. Business World | 17. Aajkal (Hindi) |
| 4. Business Today | 18. Outlook |
| 5. Dalal Street | 19. Digit |
| 6. Employment News | 20. Sahitya Amrit (Hindi) |
| 7. Frontline | 21. Gyanodya (Hindi) |
| 8. India Today (English) | 22. Panchjanya (Hindi) |
| 9. Kadambani (Hindi) | 23. Chankya |
| 10. Mainstream | 24. Pratiyogita Darpan |
| 11. Time | 25. Samanya Gyan Darpan (Hindi) |
| 12. Reader's Digest | 26. P. C. Quest |
| 13. Yojana (English) | 27. Abhigyan |
| 14. Sport Star | |

News Papers

- | | |
|-------------------------|------------------------|
| 1. Business Line | 10. The Asian Age |
| 2. Hindustan (H) | 11. Pioneer |
| 3. Business Standard | 12. The Statesman |
| 4. The Economic Times | 13. The Times of India |
| 5. Financial Express | 14. Tribune |
| 6. The Hindu | 15. Mint |
| 7. The HindustanTimes | 16. Deccan Herald |
| 8. The Indian Express | 17. Mail Today |
| 9. Nav Bharat Times (H) | 18. Dainik Jagran (H) |

Online Publications

Economic and Political Weekly

Economic Outlook

CDs

Library is also having captivating collections of about 500 CDs at the first floor of the library. Users willing to be benefited can approach the person in-charge Periodical Section.

Online Data Base Prowess IQ - (For Financial Performance Data of Companies)

SRCC Library has subscribed Prowess IQ or Prowess for Interactive Querying. It is a

powerful internet-based application for querying CMIE's database on performances of listed and unlisted companies. It is simple and easy to use. Prowess IQ provides charting tools and well-formatted reports on performances of companies. The reports provide financial information including analytical ratios and benchmark comparisons. Downloads of source documents interim results, ratings rationales and annual report extracts are part of the service. As far as installation is concerned, it can be installed on any computer with Windows. The beauty of the database is that it keeps on adding new features.

OTHER RULES AND REGULATION OF THE COLLEGE LIBRARY

Library is a public institution, so all the facilities in the library must be available to all the members. This is possible only if all its members religiously adhere to the library rules as prescribed by the authorities. The observance of rules not only facilitates the smooth functioning of the library but also helps its members to avail all the services and facilities to their utmost satisfaction.

Rules for Students

1. The College Library remains open on all working days. Students may draw books after showing the card issued to them by the college. Loss of library card should be immediately reported to the Librarian along with a copy of Police FIR. A duplicate card may be obtained on payment of Rs. 250.
2. Borrowers must see that the books drawn by them are not spoiled, marked or otherwise mutilated. Reference books shall not be issued to students.
3. The student will get four books at a time against the Library card. The books from the stack room are issued for 7 days only. The overdue charges will be Rs. 5 per day per volume.
4. Books lost or damaged shall have to be replaced or its double price shall be charged from the borrower as per the library rules.
5. Readers and borrowers shall not write or put any mark upon any book, periodical, map or any other material belonging to the library. Infringement of this rule may invite severe penalty including replacement of the book.
6. Students should get their bags etc. checked at the entrance and deposit their gate pass with the library official before they leave the library.
7. Back issues of current magazines may be issued to the faculty members only. These are issued by the Periodical in-charge or the Reading Room in-charge for a period of not more than 7 days. The latest issues of magazines etc. will not be allowed to be taken out.

Rules for Ex-Students

Ex-students may apply for the membership. It should be recommended by any one of the faculty members. They are allowed to use the reading hall & facility only.

General

1. The library is open to the college students and members only.
2. The librarian has the discretion to refuse admission.
3. The librarian has the discretion to demand the return of any book to library at any time.
4. Nobody will be permitted to bring umbrella, stick, bag, brief case, etc. into the library.
5. Students must carry their identity cards with them whenever they enter the college library. They can be refused admission to the library or can be turned out of the library if they fail to produce their identity cards on demand.

6. Any misuse of the library privileges will be considered as a serious breach of discipline and the Principal can take any action as is necessary after consulting the librarian.
7. Students are expected to read the notices issued by the librarian from time to time. Ignorance is no excuse.
8. Students must arrange for the return of the books on time.

Clearance Certificate: Library cards are the property of the College Library and these are to be surrendered. Dues, if any, have to be paid and a clearance certificate has to be obtained before a member discontinues his/her membership, or applies for character certificate/marksheet/degree, or terminates connection with the College.

Refund of Library Security Deposit: Students can apply for refund of security deposit after cancellation of admission or after the declaration of their respective result

COMPUTER CENTRE / LABS

The College has a well-equipped Computer Centre with the latest updates in software and hardware. Two computer labs act as computer classrooms. The University's optical fibre lease line is available and connects the College round the clock to the University's main campus. The College has undertaken further development and expansion of the Computer Centre keeping in mind the changes in technology and requirements of business and industry. The SRCC Computer Centre is among the best in the University and caters to both undergraduate and postgraduate students.

Rules for the use of Computer Center / Labs

General Guidelines

1. Food and drinks are not allowed inside the Centre/Labs.
2. Do not stay in the lab if you have no work.
3. Do not make noise in the computer center/labs.
4. Please help in keeping the lab clean.
5. Please switch off the monitor if you are not using the machine.
6. Playing games on computers is not permitted.
7. Do not disturb the system settings of a given machine.
8. Do not touch or mishandle any object, e.g. computer hardware, ACs, etc.
9. Users are not allowed to download and install any arbitrary software. Permission should be sought before downloading and installing any software (executable programs).

Computer Center Classes

1. Do not enter a lab while a computer class is going on inside the lab.
2. Please make the lab available immediately as soon as you are told that a class is to take place.
3. In spite of terminals being available, do not enter a lab while a class is going on.

Use of Internet

1. Please make a judicious use of Internet only for academic purposes.
2. Allow other users to use computing facilities in case of overload of users.
3. Chatting is not allowed.
4. Checking your mails all day is not encouraged.

Disposal of Waste Paper

1. Please throw your waste paper obtained after printing in a paper bin. Do not leave paper around in the lab.
2. If you find that a paper can be used later as it has one side available, please put that in tray for one sided papers.

3. Please cross mark the side of the paper that is not to be used in future.

Virus-Scan

Please scan your pen drives, CDs or any other memory device to check the presence of any virus before using computers in the computer centre.

OTHER HIGHLIGHTS

Stakeholders' Feedback Mechanism

The College actively engages and promotes stakeholders' participation through its appropriate feedback mechanism. Feedback in the form of suggestions, queries and complaints from students and stakeholders are highly encouraged through official website and various suggestions boxes set up in the campus. A special complaint box has also been set up outside the IQAC office in the College where students can share anonymous feedback.

Industry Academia Interaction

The College actively encourages a close interaction between what is taught in the class and how that knowledge is applied in the corporate world. This meeting ground of theory and practice is made possible by our students being exposed to industry personalities with whom they can interact and understand the application of theoretical knowledge.

National Center for Corporate Governance

The College has been accorded the status of 'National Centre in Corporate Governance' by the National Foundation for Corporate Governance, Ministry of Corporate Affairs, Government of India. SRCC is the only College of the University of Delhi which has been conferred with this status. The Centre conducts research, workshops and conferences to build and disseminate knowledge in the area of Corporate Governance.

Office of International Programmes

Upholding the vision of Shri Ram College of Commerce to be "*A College of Global Choice*", the Office of International Programmes(OIP) creates and expands international synergies with acclaimed global universities and international institutions through cross-cultural and academic exchange programmes. OIP facilitates various incoming and outgoing programmes, which include-Lecture sessions, Workshops, Case study Competitions, Panel discussions ,Business visits and Project work. There have been various Collaborative Programmes and sessions with Melbourne Business School, Australian National University, Australia, Utrecht Business School, The Netherlands; University of Wisconsin, Eau Claire; MCNY, New York; Pennsylvania State University, SVSU Michigan, University of Chicago, Harvard USA India Initiative, Rochester University,USA; MDX University, Dubai; Hongkong Univeristy,Nanyang Business School, Singapore; Kathmandu University, Tribhuvan University, Nepal; Colombo University, Srilanka.

OIP was successful in facilitating Memorandums of Understanding (MoU) with Kelaniya University, Sri Lanka, Melbourne Business School, Australia; Thammasat University, Bangkok; Gedu College of Business Studies, Bhutan and Kathmandu University School of Management, Nepal during 2017-19.

The flagship programme initiated by OIP- SRCC India-USA Initiative 2016 (SIUI), covered 6 cities and 15 institutions in 14 days including Harvard University, Stern School of Business, Columbia University, Security Council in United Nations & the Indian Consulate in New York, USA.

OIP organized first of its kind, the Global Millennium Summit 2017(GMS) in Dubai at Marriot, Al Jaddaf on the theme, '*Future of the Millennium*' with participation of

200 delegates from 20 plus countries. It was inaugurated by H.E Sheikh Nahayan, Ministers of Culture & Knowledge from UAE and Mr Vijay Goel , Minister of Youth from India.

OIP organized, in collaboration with NITI Aayog, an International Conference on July 16&17, 2019, on, “*Empowering Women-Fostering entrepreneurship, innovation and sustainability*” at India International Centre. It was inaugurated by the honourable Vice President of India, Shri Venkaiah Naidu & Hon. Lt Governor, Ms Kiran Bedi. The panelist included eminent personalities including Ambassadors of various countries. The Conference included research paper presentations, Panel discussions and Student competitions with participants from about 17 states in India and 17 countries from across the globe.

An *International Conference* on 18–19 October, 2019 “*Globalization, Trade and Economic Policy: Way Towards Achieving Sustainable Development*” was jointly organized by Kyung Hee University (South Korea), KOMYRA (South Korea), Yangon University of Economics (Myanmar) and Office of International Programmes (OIP), Shri Ram College of Commerce (India) in Seoul, South Korea which also facilitated signing of an MoU between Shri Ram College of Commerce and Kyung Hee University (KHU), Seoul in the August presence of the honorable Ambassador of India to the Republic of Korea, H. E. Sripriya Ranganathan.

In 2020, OIP-SRCC in collaboration with FICCI undertook a 52 week initiative, FICCI Global Youth Entrepreneurship & Industry Connect (FGYEIC) to promote the spirit of entrepreneurship among youth by organizing weekly webinars (now online due to Covid19) and providing a platform to students globally to participate and get inspired from successful entrepreneurs.

OIP collaborates with Ministries (GoI) viz. Ministry of Youth Affairs, Ministry of Culture, Ministry of Commerce, and Ministry of External Affairs for various programmes to provide financial assistance to deserving candidates. OIP has also facilitated Dialogues & Interactions with International Institutions viz. International Cooperative Alliance Asia-Pacific (ICA-AP), United Nations Development Programme, Delhi (UNDP), World Bank, Delhi; UNESCO, Paris & United Nations in New York.

OIP also releases its annual magazine, Global Conflux on the occasion of annual day every year.

For more information:

<http://www.srcc.edu/office-international-programmes-oip>

<https://www.facebook.com/oipsrcc/>

OIP Annual Magazine- Global Conflux

<https://www.srcc.edu/sites/default/files/Global%20Conflux%202018%20.pdf>

For queries write to: oop@srcc.du.ac.in / drmallika.kumar@srcc.du.ac.in

Shri Ram Centre for Personal Growth

Shri Ram Centre for Personal Growth has been started to cater to the needs of students of SRCC for their academic growth and employability. It aims at bringing about a broader and deeper growth in the total skill sets of students. The sessions on various issues are conducted in the college premises by the faculty from college and outside. Remedial classes for B.Com. (Hons.) and B.A. (Hons.) Economics are organized in the required subjects. The aim is to induce concept clarity in students and to train them for examinations.

Counselling Services

In consonance with its mission of achieving and sustaining excellence the college stands committed towards the emotional and psychological wellbeing of its various

stakeholders along with guidance on career related issues, the college in collaboration with YourDOST, a comprehensive counselling service provider, extends its behavioural and career counselling services free of cost to its stakeholders.

The counselling service is available to students, faculty members and members of the non-teaching staff. To ensure its greater reach, the service is available in both face-to-face and online platforms. Currently, the service is available:

- a) 24×7 Online Service Counselling (accessible to all the stakeholders of SRCC);
- b) Face- to-Face counselling sessions, in which counsellors visit the college thrice a week (via. video conferencing during pandemic) (sessions being held in T-52, research and tutorial block) and;
- c) Career counselling, once in a month in the College premises (through webinars and workshops conducted online during pandemic).

SRCC Counselling Services has been first of its kind initiative across Delhi University Colleges; it has been very well recognised initiative amongst all its stakeholders.

IQAC (Internal Quality Assurance Cell)

With a vision to build and ensure a quality culture aimed at all round excellence at the institutional level, the Internal Quality Assurance Cell (IQAC) has been established in the College. It organizes regular capacity building programmes for all the stakeholders of the College. It has also formed a Student Quality Assurance Cell (SQAC). It ensures quality in teaching through continuous evaluation. It follows a 360 degree feedback mechanism to quality sustenance and enhancement. Feedback is invited from stakeholders like parents, students and alumni. IQAC has conducted a workshop on the enhancement of quality in teaching and research.

Centre for Green Initiatives

As a proactive institution concerned with the conservation of the environment, Centre for Green Initiatives functions in the College. With the objective of generating awareness and promoting environmental care at the community level, the Centre directly engages students and faculty to work towards the creation of a pervasive atmosphere facilitating dialogue, action and feedback on environmental issues. The Centre conducts seminars, activities and research to integrate and adopt better environmental practices in the society. Some of the initiatives taken by the Centre include Carbon Footprint Calculator Desk, Water and Energy Conservation, Green Audit; Carpooling, Plantations, Green Memorations and Green ride. It has organized “TATVA”, the green festival celebrating Mother Nature. It annually publishes “AVNI”, a student-teacher initiated magazine that provides a creative avenue to environmental care. The Centre collaborated with feedback foundation charitable trust for solid waste management project that aims to transform SRCC premises into No Open Waste (NOW) zone. The project strives for holistic management of solid waste comprising dry, wet and hazardous bio-medical waste.

Kutumb: North-Eastern and Himalayan Nations Integration Society

This North-Eastern Himalayan states society aims to instill cultural sensitivity among students, college staff and other participants by educating them about the unique cultures, customs and the varied heritage of the Himalayan belt.

Equal Opportunity Cell

The College also has an Equal Opportunity Cell to oversee the effective implementation of policies and programs for disadvantaged groups and to provide guidance and counseling with respect to academic, financial, social and other matters with an objective of ensuring diversity within the campus.

Women Development Cell

Women Development Cell (WDC) of SRCC is a platform for initiating efforts in the

direction of pressing social issues related to women. The WDC takes various initiatives to enhance consciousness of gender equality and empowerment amongst young minds in the College.

Enabling Unit

The College has resource center for Visually Challenged students with sitting capacity of around 8-9 students, located in the library. It is well equipped with modern hardware [ClearView + Speech, ClearView One, OCR (Optical Character Recognition), Talking Notice Board, Zuyfuse Heater, Scanner Listener Pro]; and up-to-date Braille software [JAWS, Dolphin Supernova, Dolphin SaySo] for magnifying and reading content.

Internal Complaints Committees

Sexual harassment at workplace is a widespread problem in the society and atrocities against women is common everywhere. In view of this growing problem, the Internal Complaints Committee (ICC) of the College has taken steps to sensitize and empower girls and enlighten them with various policies and measures as well as provide effective redressal machinery to the students. The ICC has been educating and guiding students about the statutory provisions for prohibition and prevention of sexual harassment and creating awareness on the subject through seminars and instructional means.

Workshops, Conferences and Events

The College organizes various national and international conferences, workshops and talks on a regular basis by inviting eminent speakers from academia as well as industry to provide students and faculty members with a platform for intellectual interaction and development. The institution has always followed a multi-faceted approach towards development of scientific temper, research culture and aptitude among its students.

National Colloquium

The College has been organizing the annual National Colloquium for the past several years at the Vigyan Bhawan/India Habitat Centre, New Delhi, where top industrialists, academicians, economists and representatives of the government deliver lectures on a wide range of aspects about business, economics and industry.

Sir Shri Ram Memorial Debate Trophy

The Trophy was initiated during the Golden Jubilee of the College. In all these years, it has become one of the most sought after trophies in the University. Sir Shri Ram Memorial Trophy attracts participants from different colleges and departments of the University of Delhi. The debate is bilingual, is held in alternate years and comes with silver rotating trophy and cash prizes.

Centre for Professional Development (CPD)

The CPD functions for development of skills and professional expertise in a spectrum of areas for students and faculty. It provides an excellent platform for students and faculty members to enhance their skills and professional expertise in various academic fields, through short term courses and programs focusing on dynamic management landscape. The Centre conducts workshops like Tax Workshop, courses on Supply Chain Management and Advanced Excel, Personality Development workshop, etc. to name a few.

SHRIJAN: SRCC Centre for Entrepreneurship, Innovation and Incubation

Shrijan, the SRCC Centre for Entrepreneurship, Innovation and Incubation is an endeavour that encourages young business enthusiasts to pursue new and innovative ideas and fulfil their creative skills with professional acumen. Shrijan combines academic concepts with feasibility so that the essence of learning how business ideas can be given practical shape is mastered. Students will gain by way of participation in

workshops and lecture sessions, business idea competitions, innovation exercises, etc. even as they gain knowledge about the basic concepts regarding startups, entrepreneurship, business strategy, marketing, finance and resource management. Shrijan will also engage students with mentors under structured programmes specially designed to groom young entrepreneurs. This Centre is focused on how an actual business can be set up and addresses itself to the creation of novel opportunities not just for oneself but more importantly to inspire others to emulate the pursuit of newer livelihoods.

Centre for Community Engagement (Financial Literacy Cell)- Vittshala

The College has set up the Centre for Community Engagement (CCE) to work proactively with the communities on major development issues. The Centre has launched a Financial Education Programme to promote financial literacy and to enhance the knowledge and skills to manage financial resources and services effectively amongst students and other community stakeholders.

Vittshala is a Centre for Community Engagement (CCE) initiative, aimed at making communities equipped enough to manage financial resources effectively through community engagement, workshops, seminars, and discussions. Vittshala, in its initial phase, has undertaken the projects like, Project Khushhal; Project Sashakt; Project Samarth; Project Utthaan.

Business Analyst: The Academic Journal of SRCC

'Business Analyst' is a bi-annual academic journal of the college published in the months of March and September every year. It is a refereed and reviewed journal having an esteemed review panel specializing in their area of expertise with some of them heading top most institutions in the country. The journal endeavors to disseminate knowledge in the area of business, economics and management. It aims at promoting research in these areas and encourages empirical and inductive writings. The journal is catalogued in the "Library of Congress", Washington, D.C. It is listed in Ulrich's International Periodicals Directory and is included in the UGC-approved List of Journals.

Magazine: Yamuna

The student's magazine Yamuna is brought out annually. In its eighty eighth year of publication, it continues to provide students with a powerful medium for expressing their creativity in Hindi and English.

Strides – A Students' Journal of Shri Ram College of Commerce

The College has launched a new Journal named 'STRIDES' – A Students' Journal of Shri Ram College of Commerce' to encourage students for research in the college. It is an annual journal exclusively launched to publish academic research papers and articles of students on contemporary topics and issues.

Other Publications

Other than college magazine and journal, the student's societies come up with various publications like Prerna, Artha, Global Conflex, Avni, and Playoff.

Centre for Academic Excellence

The college has a special scheme for financial support wherein students can apply for grants for participating and presenting papers in Seminars/Workshops/Training Programme/Debate/Youth Leadership Programmes and participation in the Field Trips/Industrial Visits/Educational Visits at local, national and international level.

Procedure for dealing with applications for Financial Assistance under 'CENTRE FOR ACADEMIC EXCELLENCE'

1. Application (Format A) should be submitted with the Dealing Assistant at the Administrative Office.

2. Application should be entered in a Prescribed Register by the DA (Format B). A Registration Number will be given by the D.A. to the applicant.
3. DA will verify the eligibility of the applicant from his/her Ledger Account, ensure that relevant documents are submitted, and that the documents are complete in all respects. The AO/SO Admin will verify the facts and countersign the application. In case documents are incomplete or applicant is not eligible his/her application should be returned citing reason (Format F).
4. All papers complete in all respects will be forwarded to the PO with a summary in a prescribed format (Format C) once in every three months (30th Sept, 31st Dec., 31st March and 30th June) or even earlier in case more than 10 applications are received before three months.
5. The PO will make arrangement for convening the meeting of the Committee for formalizing the approval and disposal of applications.
6. After the approval of the Committee the papers will be send to the Administration for recording in Ledger for Programme-wise-Assistance (Format E).
7. After recording in register the Administrative Office will send Applications to the Accounts Office for releasing Financial Assistance to the beneficiary. The Administration will inform the beneficiary that the Financial Assistance has been granted, and for reimbursement he/she may contact to the Accounts office. In case Financial Assistance has been disapproved the information for the same should be send to the applicant citing reasons, if given by the Committee (Format G). This should be done through emails or notices also.
8. Accounts Section will maintain a register for Reimbursement Date-wise & Account- wise.
9. The applications approved under the scheme shall be audited by internal auditor.

CONSTITUTION OF THE STUDENTS' UNION & SOCIETIES

Students' Union

For the purpose of drafting the Constitution of the Students' Union, its Name and Objects, there shall be an Association called 'The Students' Union, Shri Ram College of Commerce", to foster social and intellectual activities among the students of the college; to develop in them power of expression and public speaking; and to impart them training in the working of democratic and parliamentary institutions.

Membership

1. All students of the college shall be members of the Students' Union.
2. Members of the Teaching Staff shall be ex-officio honorary members (without voting rights) of the Students' Union.

These two together, assembled in a meeting, will constitute the General Assembly of the Students' Union.

Management

The affairs of the Students' Union shall be managed by an elected President and an elected Secretary with the aid and advice of a Cabinet, appointed by the Teacher-in-Charge, in consultation with the President and the Secretary. The Teacher-in-Charge will also function as Speaker of the House.

All the office-bearers shall be responsible to the General Assembly, subject to the ultimate control of the Principal.

The Tribunal

The Principal shall appoint, at the beginning of each Session, a Tribunal, consisting of three members of the Teaching Staff, one of whom shall be the Teacher-in-Charge, who shall also be its Convenor. The Tribunal shall decide all questions pertaining to

the interpretation of the Constitution or any other matter that may be referred to it by the Teacher-in-Charge or the Principal.

The President and the Secretary

The President and the Secretary shall be elected by the general body of bonafide students of the college as early as possible in the beginning of the academic year, from amongst the candidates approved by the Tribunal. They shall act under the guidance of the Teacher-in-Charge.

The eligibility for contesting elections and other terms and conditions will be governed by recommendations of the Lyngdoh Committee.

The Cabinet

The Cabinet shall consist of the following members:

1. **President:** He/She will be the Chief Executive of the Union and will function in all matters relating to the Union in accordance with the Constitution.
2. **Secretary:** He/She will assist the President and act as the Chief Executive in the absence of the President, in accordance with the Constitution.
3. **Treasurer:** He/She shall maintain the accounts of the Union and assist the President in managing the finances of the Union.
4. **Secretary for Cultural Affairs:** He/She shall organise cultural festivals, assist the President to select and send teams financed by the Union to outstation festivals; and to inform the concerned Societies about all cultural events taking place in other colleges/institutions.
5. **Secretary for General Maintenance:** He/She shall ensure cooperation and coordination with the authorities in the matter of physical amenities and facilities in the college, for example, in Cafe, Auditorium, Lawns, and with respect to the general cleanliness of the college premises.
6. **Secretary for Academic Affairs:** He/She shall take up with the authorities, problems of academic nature relating to time-table, classes and tutorials, and functioning of the Library, etc.
7. **Secretary for Parliamentary Affairs:** He/She shall organise the meetings of the Union Parliament, record minutes thereof, look after the publicity of the Union functions and forward the suggestions of the class representatives to the concerned authorities.

All members, except the Secretary for Parliamentary Affairs, shall be appointed by the Teacher-in-Charge, in consultation with the President and the Secretary, selecting at least one from each of the following categories:

1. Students pursuing Commerce courses
2. Students pursuing Economics courses
3. Girl students provided they fail to secure any representation in the above categories.

The Secretary for Parliamentary Affairs shall be elected by the class representatives from amongst themselves.

The Cabinet should be formed within 15 days of the election. It shall continue in office as long as the President and the Secretary remain in office. In the event of any of these two offices falling vacant, the Cabinet shall stand dissolved automatically.

The Students' Union Parliament

There shall be a Students' Union Parliament consisting of:

1. Members of the Cabinet.
2. Class Representatives: One elected representative from each section of all the classes.
3. The Leader and the Deputy Leader of the Opposition.

The election of the class representatives will be conducted by the President of the

Students' Union. The Leader and the Deputy Leader of the Opposition will be persons who have lost the elections for the post of the President and the Secretary respectively by the narrowest margins.

In case of a difference of opinion in the Cabinet, the matter will be referred to the Students' Union Parliament. The Parliament will meet at least twice in each academic year. Ordinarily, a notice of at least three clear working days should be given for its meetings.

Meetings of the Union

The Secretary shall convene the meeting of the Union on the dates and timings fixed with the consent of the Teacher-in-Charge. A notice of at least three clear working days shall ordinarily be given for each meeting of the Union. An emergent meeting of the Union may, however, be called at a short notice. A meeting of the Union may also be called by the President with prior consent of the Teacher-in-Charge or by the Principal.

Meetings of the General Assembly

Ordinarily, a notice of three clear working days shall be given for all meetings of the General Assembly. However, with the approval of the Teacher-in-Charge, a meeting of the General Assembly may be called at a short notice.

The quorum of meeting of the General Assembly shall be 1/10 of the total student-members.

Members of the Union shall meet in the General Assembly at least twice in each academic year to consider the Budget proposals, amendments to the Constitution, motions of no-confidence, general policy matters, matters of general interest or to transact any other business. Such meetings shall be called by the Secretary, with the approval of the Teacher-in-Charge, on such dates and at such time as may be fixed by the Teacher-in-Charge.

No-Confidence Motion

A notice for a motion of No-confidence, signed by at least 50 students of the college, shall be submitted to the Speaker, with the statement of reasons, which if found in order, shall be placed before the Tribunal within three clear working days. The Tribunal shall give its decision within three clear working days and communicate it to the members. If rejected, the Tribunal will communicate to the members who have given the notice the specific reasons for which it has been rejected. When such a notice has been approved by the Tribunal, the motion of No-confidence shall be deemed to have been passed only when at least two-third of the members present and voting in the Students' Union Parliament have approved it.

Re-Election

In case, the office of the President or that of the Secretary or both falls vacant, there shall be, as soon as possible, fresh elections in accordance with the Election Rules.

Income and Expenditure

The main sources of income of the Union shall be:

1. Allocation out of the Students' Societies Fund
2. Special subscriptions raised with the consent of the J.C.C. or in exceptional circumstances with the consent of the Principal who should report this to the J.C.C. in its next meeting.
3. Donations

All expenditure shall be incurred with the prior approval of the Teacher-in-Charge and in accordance with the Budget passed by the General Assembly. Money can be withdrawn by the President or in the absence of the President, by the Treasurer, with the consent of the Teacher-in-Charge.

Amendments

Amendments to the Constitution can be proposed by a motion in the General

Assembly by at least fifty bonafide student-members. The Proposers of the amendments shall circulate the amendments among the students and shall be allowed to explain it. Then the Amendment shall be deemed to have been passed when at least two-third of the members present have voted and approved it. No such amendments shall come into force unless it has been approved by the College Staff Council.

A copy of the Constitution will be put up on the notice board before the elections are held.

SOCIETIES

The College has several societies for extra-curricular activities. Prominent among these are - the College Students' Union, Commerce Society, Economics Society, English Literary Society, History and Political Science Society, Hindi Sahitya Sabha, Dramatics Society, Debating Society, Mathematics and Computer Society. On joining the college, you automatically become a member of these societies. The office bearers are elected or nominated. Details regarding the functioning and activities of various societies are as follows:

COMMERCE SOCIETY

1. **Objective:** Its object would be to foster social and intellectual activity among the students and in particular, to develop in them interest in the study of Commerce. For this purpose, it would arrange talks, lectures, group discussions, essay competitions, seminars, symposia, conferences and the like, relating to the discipline.
2. **Membership:** All students of the College shall be members of the Society. Members of the Teaching Staff shall be ex-officio honorary members.
3. **Management:** The activities of the Society shall be managed by an Executive Committee with the advice and guidance of the Teacher-in-Charge.
4. **Executive Committee:** The Executive Committee shall consist of the President, the Secretary and not more than ten other members who will be nominated by the Teacher-in-Charge in consultation with the President and the Secretary.
5. **The President and the Secretary:** The President and the Secretary shall be elected by the General Body of the student-members. A student of the college may contest for the office, provided that - (a) He/She is a student of the 2nd or 3rd year class of B.Com. (Hons.) or B.A. (Hons.) Economics or M.Com.; (b) He/She has obtained in the previous examinations at least 75% marks if contesting as President and at least 75% if contesting as Secretary.
6. **Elections:** Elections shall be held on a date fixed by the Principal.
7. **Executive Committee Meetings:** The Secretary shall convene meetings of the Executive Committee with the consent of the Teacher-in-Charge. A notice for each meeting shall be given at least three clear days in advance. An emergent meeting can be called at a shorter notice. If need be, a meeting may also be called by the Teacher-in-Charge or by the President with the prior consent of the Teacher-in-Charge.
The quorum for a meeting shall be one-third of the total number of members, but not less than three members, whichever is more.
8. **Income and Expenditure:** The main sources of the income of the Society shall be:
 - (a) Allocation out of Students' Societies Fund, as approved by the Joint Consultative Committee (J.C.C.);
 - (b) Special Fund, raised with the prior consent of the J.C.C. and the Principal.

For (a), the Society shall submit a budget at the beginning of the session to the J.C.C.; and for (b), a detailed budget proposal shall be placed before the J.C.C. by the Society at least fifteen days in advance.

No expenditure shall be incurred, except in accordance with the budget passed by the Executive Committee and approved by the J.C.C. and the Principal. This applies to both (a) and (b).

All expenditure should be incurred with the prior approval of the Teacher-in-Charge and an annual statement of accounts should be submitted at the close of the year to the J.C.C.

Money can be drawn by the Teacher-in-Charge or by the President with the approval of the Teacher-in-Charge through vouchers prescribed for the purpose.

9. **Amendments** to the Constitution can be made by the Staff Council only.

10. **Miscellaneous:**

a. A proper record of all the activities of the Societies and the student participants shall be maintained by the Teacher-in-Charge and he/she shall hand over the complete record at the end of each term to the Principal.

b. Functions will be organised with the prior approval of the Principal.

c. The Teacher-in-Charge should be drawn from the Department of Commerce.

ECONOMICS SOCIETY

Objective: To foster social and intellectual activity among students and in particular, to develop in them interest in the study of Economics. For this purpose, it would arrange talks, lectures, group discussions, essay competitions, seminars, symposia, conference and the like relating to the discipline.

Clause 2 to 10, except 10(c), to be the same as in the Constitution of Commerce Society. Clause 10(c): The Teacher-in-charge should be drawn from the Department of Economics.

HINDI SAHITYA SABHA

Objective: Its object would be to foster social and intellectual activity among the students of the college and, in particular, to create interest in Hindi language and literature. For this purpose, it may organise Poetry, Essay, Short-Story and General Knowledge Competitions, Elocution and Declamation Contests, Talks Lectures, Kavi Sammelans, Conferences, Symposia, Seminars and the like.

Clauses 2 to 10, except 10 (c), will continue to remain same in the Constitution of the Commerce Society, after substituting 'Sabha' for 'Society'.

ENGLISH LITERARY SOCIETY

Objective: Its object would be to foster social and intellectual activity among the students of the college and, in particular, to create interest in English Language and Literature. For this purpose, it may organise Poetry, Essay, Short-Story and General Knowledge Competitions, Elocution and Declamation contests, Poetic Symposia, Talks, Lectures, Seminars, Conferences and the like.

Clauses 2 to 10, except 10(c), to be the same as in the Constitution of Commerce Society.

FINE ARTS SOCIETY

Objective: Its object would be to foster social and cultural activity among the students of the College and, in particular, to create interest in and develop taste and aptitude for Music, Dancing, Drawing, Painting, Sculpture and any other Fine Art. For this purpose, it may organise Talks, Lectures, Exhibitions, Performances, Collage, Sketching, Painting and Music competitions and the like.

Clauses 2 to 10, except 10(c), to be the same as in the Constitution of the Commerce Society.

POLITICAL SCIENCE SOCIETY

Objective: Its object would be to foster social and intellectual activity among the students of the College, and in particular, to develop interest in the knowledge and study of History and Political Science and national and international politics. For this purpose, it may organise Talks, Lectures, Essay Competitions, Group discussions, Seminars, Conferences and the like.

Clauses 2 to 10, except 10(c) to be same as in the Constitution of the Commerce Society.

DRAMATICS SOCIETY

1. **Objective:** Its objective would be to foster social and intellectual activity among the students and to create interest in and encourage talent for Drama and Theatre. For this purpose, it may organise full-length or One-act Plays, Mono-acting performances, Competitions, Talks, Lectures, Symposia, Conferences and the like relating to its field.

2. **Membership:** All students of the College shall be member of the Society. Members of the Teaching Staff shall be ex-officio honorary members.

3. **Management:** The activities of the Society shall be managed by an Executive Committee with the advice and guidance of the Teacher-in-Charge.

4. **Executive Committee:** The Executive Committee shall consist of the Secretary, the Joint Secretary and not more than ten other members of the committee. All these will be nominated by the Teacher-in-Charge.

The Secretary and the Joint Secretary will assist the Teacher-in-Charge in the task of nominating other members of the Executive Committee.

5. **The Secretary and the Joint Secretary:** The Secretary and the Joint Secretary shall be nominated by the Teacher-in-Charge of the Society as early as possible in the beginning of the academic year through applications invited for these posts from the students and in consultation with the outgoing office bearers who are still enrolled with the College. It is further provided that normally the Secretary should be a student of the Final Year of the Honours Classes or of M.Com.; and the Joint Secretary from the Second Year of the Honours Classes. They should have taken keen interest in the activities of the Society in earlier years and have a distinguished record of achievements in the field of the Society and the Secretary must have obtained at least 50% marks in the previous examinations.

6. **Meetings:** The Secretary shall call meetings of the Executive Committee with the consent of the Teacher-in-Charge. A notice of atleast three clear days shall be given for each meeting. An emergent meeting can be called at a shorter notice. If need be, a meeting may be called by the Teacher-in-Charge or by the Joint Secretary with the prior consent of the Teacher-in-Charge.

The quorum for a meeting shall be one-third of the total number of members, but not less than three members, whichever is more.

7. **Income and Expenditure:** The main sources of income of the Society shall be:

(a) Allocation out of the Students' Societies Fund, as approved by the Joint Consultative Committee (J.C.C.).

(b) Special funds raised with the prior consent of the J.C.C. and the Principal.

For (a), the Society shall submit a budget in the beginning of the Session to the J.C.C. and for (b), a detailed budget proposal shall be placed before the J.C.C. by the Society at least fifteen days in advance.

No expenditure shall be incurred, except in accordance with the budget passed by the Executive Committee and approved by the J.C.C. and the Principal. This applies to both (a) and (b). All expenditure should be incurred with the prior

approval of the Teacher-in-Charge and an annual statement of accounts should be submitted at the close of the year to J.C.C.

Money can be drawn by the Teacher-in-Charge or by the Secretary with the approval of the Teacher-in-Charge through vouchers prescribed for the purpose.

8. **Amendments** to the Constitution can be made by the Staff Council only.
9. **Miscellaneous:**
 - a) Proper record of all the activities of the Society and the student participants shall be maintained by the Teacher- in-Charge and he/she shall handover the complete record at the end of each term to the Principal.
 - b) Functions will be organised with the prior approval of the Principal.

DEBATING SOCIETY

1. **Objective:** Its objective would be to foster social and intellectual activity among the students and, in particular, to stimulate their interest in and to develop their skills for debating and public speaking. For this purpose, the Society may organize Talks, Lectures, Debates, Debating Classes, Seminars, Conferences and the like.

Clauses 2 to 9 to be the same as in the Constitution of the Dramatics Society.

COMPUTER AND MATHEMATICS SOCIETY

1. **Objective:** Its objective would be to foster social and intellectual activity among the students of the College, and in particular, to develop in them interest in Computers and learning of Mathematics and use of both for problem solving in Commerce and Economics. For this purpose, the Society may organise Talks, Lectures, Seminars, Symposia, Conferences, Computer Games, Simulation Exercises, Quiz Competition, Intelligence Tests and the like.

Clauses 2 to 9 to be the same as in the Constitution of the Dramatics Society.

ELECTION RULES AND REGULATIONS OF SOCIETIES

1. The authority to conduct elections for the offices of all the Societies shall be vested in the Principal, who may function through a Tribunal, if any, which shall consist of the Advisor to the Students' Union and two other members nominated by the Principal. The Advisor to the College Union, for duties in relation to the Elections, shall be known as the Election Officer and shall act as the Convenor of the Tribunal.
2. A student shall be disqualified from being elected as an office bearer of any Society if a disciplinary action has been taken against him/her by the College.
3. No student shall be eligible for election to more than one office.
4. The Tribunal shall invite nominations for election, which should be made on the form prescribed for the purpose and a security fee, to be notified by the Principal, shall be submitted along with each form.
5. A list of candidates after scrutiny shall be placed on the Notice Board. Objections, if any, shall be filed with the Election Officer within seventy two hours of the display of the said list.
6. All objections thereto shall be scrutinised by the Tribunal. The Tribunal shall have the authority to reject the nomination of a person if he/ she is not found qualified for holding an office of a Society under the provisions of its Constitution. The decision of the Tribunal, in all such cases, shall ordinarily be final. But in case of difference of opinion between the Principal and the Tribunal, the matter will be decided by the Staff Council.
7. A list of the candidates whose nominations have been declared valid by the Tribunal shall be placed on the Notice Board.
8. Elections shall be held on a date fixed by the Principal.

9. Before the elections to be held on a date fixed by the Principal, all contesting candidates shall be provided with an opportunity to introduce themselves and their programmes to the general body of the students. Each Presidential candidate shall be given a maximum of 5 minutes and each candidate for the post of Secretary shall be given a maximum of 3 minutes. Second opportunity to speak again shall be given only to the contestants for the office of President and Secretary of the Students' Union after the completion of one full round with the time restriction of 5 minutes and 3 minutes respectively. The Election Officer of the College shall preside over such a meeting.
10. The security fee shall be forfeited in case the candidate obtains less than 1/5th of the valid votes polled.
11. Canvassing through loud-speakers, posters and banners shall be strictly prohibited. In addition, self-propagation through handbills, leaflets, cards or any other printed matter referring to time-table, syllabus, D.T.C. bus routes, calendars etc. will be prohibited after the date of announcement of the elections by the Principal. Violation of this provision shall be punishable under disciplinary rules of the College.
12. If any question arises as to whether an office bearer of a Society has become subject to any disqualification mentioned in Clause (2) above, the matter shall be referred for a decision to the Principal. Before giving any decision on any such question, the Principal shall obtain the opinion of the Tribunal. The decision of the Principal in such cases shall be final.
13. The minimum percentage of marks prescribed for the qualification of a candidate will be considered on the following basis:
 - i. For students of 1st year class—Aggregate marks in Board Examination.
 - ii. For students of 2nd year class—Aggregate marks of main subjects in 1st year Examination.
 - iii. For students of 3rd year class—Aggregate marks of main subjects in 1st year and 2nd year Examinations combined.
 - iv. For students of M.Com. (Previous) class: Aggregate marks of main subjects in I year, II year and III year Examinations combined.
 - v. For students of M.Com. (Final) class: Aggregate marks in M.Com. (Previous) Examination.
14. It shall be obligatory on the part of a candidate to furnish, along with the nomination papers, an attested copy of relevant statement of marks obtained in previous examination, as specified in clause 13 above, issued by the concerned Board/ College/University.
15. No office bearer shall hold the same office more than once.

JOINT CONSULTATIVE COMMITTEE

Composition

There shall be a Joint Consultative Committee (J.C.C.) composed of the following:

Students' Representatives:

1. President of the College Students' Union	2. Secretary of the College Students' Union
3. President of the Commerce Society	4. President of Economics Society
5. President of the Hindi Sahitya Sabha	6. President of the Fine Arts Society
7. President of the History and Political Science Society	8. President of the English Literary Society
9. Secretary, Sports and Games Committee	10. President, Boys' Hostel Union

11. President. Girls' Hostel Union	12. Topper of B.Com. (Hons.) I Year and II Year Examinations combined
13. Topper of B.A. (Hons.) Economics I yr. and II yr. Examinations combined	

Teachers' Representatives

1. Principal	5. Warden, Boys' Hostel
2. Bursar	6. Warden, Girls' Hostel
3. President of the Staff Association	7. In-charge, Sports
4. Advisor to the College Students' Union	8. Librarian
9 to 13. Five teachers nominated by the Staff Council	

Special Invitees

- For the purpose of discussion relating to grant of funds to various Societies, representatives of Societies (Staff Advisor and/or student office bearer), not represented on J.C.C. shall be invited.
- The Chairman of the J.C.C. can also invite any teacher or student to participate in the discussions, whenever necessary.

Objective

The J.C.C. aims at bringing about smooth functioning of the College by having set in process a mechanism by means of which the teachers and students may jointly deliberate upon matters mentioned below, frame a policy and help in the execution of the same.

Scope

- Academic:** This includes suggestions regarding - (a) Timings of classes; (b) Admission; (c) Maintenance of discipline; (d) Fees levied in the Prospectus.
- Financial:** (a) All items of expenditure for which funds have either been collected from students or received for the use of students; and (b) Societies Reserve Fund.

Fee concession: It shall be decided by a sub-committee comprising three teachers elected by Staff Council and Union student- members elected by the J.C.C.

- Welfare:** Suggestions for improvements in the College Canteen, Library, Garden, Roads, Playground, Hall, Sports and functioning of various Societies of the College Union.

In the above-mentioned matters, the decision of the J.C.C. shall be final.

Conduct of Business

- The Advisor to the College Union and President of the Students' Union shall be ex-officio Convenors of the J.C.C. The Principal shall be the ex-officio Chairman. If the Chairman is absent in any meeting, then the officiating Principal shall act as the Chairman.
- The J.C.C. shall meet as many times as is necessary, but not less than two times in each academic session.
- Meetings of the J.C.C. shall be held in the College premises and as far as possible during recess time.
- The meetings shall be convened by the Convenor(s) acting jointly or any one of them, provided she is acting with the prior permission of the Chairman.
- Ordinarily three days' notice will be required for a meeting.
- However, in case of any emergency, the meeting may be held as and when it is necessary.

Quorum

The quorum at a JCC meeting is one-third of its total members. During the JCC

meeting, if the question of quorum is raised and if there is no quorum, the Chairman may adjourn the meeting or suspend it until there is quorum.

Passing of Resolution

A resolution or a proposal shall not be deemed to have been passed unless:

1. It has been agreed to by the majority of the members present at the meeting. In case of a tie in voting (voting shall be by a secret ballot), the matter shall be decided by casting vote of the Chairman.

or

2. It has been agreed to by two-third of the total number of members, by having put their signatures to the proposal moved by a member.

A decision of the J.C.C. will not be altered or repealed within two years from the date on which it is adopted unless, in materially changed circumstances, it has been agreed to by two-third of the total number of members of the J.C.C.

It will be the duty of the Chairman to see that the decisions of the J.C.C. are being implemented. In case of any problem, the Chairman should immediately convene a meeting of J.C.C. and take the help of members.

Amendment to the Constitution

An amendment to the Constitution may be initiated at a meeting specially called for the purpose, on a written representation made by at least three members, and for which at least seven days' notice has been given to the members of J.C.C. An amendment shall not be deemed to have been passed, unless it has been agreed to by a majority of the members of the J.C.C., with not less than two-third of the members present and voting.

Broad Guidelines for Conduct of Events / Activities in the College

Based on the recommendations of Dr. Anil Kumar committee, the staff council has made the following new guidelines for the functioning of student activities and conduct of events/activities:

1. Organisation of Students' Activities

All the students' activities will be organized as under:

- (i) Students Union will organise Cross Roads, Business Conclave and other students related events/programmes which do not fall under any of the society/cell/unit of the college. It will also have the vertical of 'College Ki Knowledge' under it.
- (ii) Commerce Society will organize events/programmes which are related with the discipline of commerce. It will have seven verticals under it:
 - a) D-Street
 - b) Finance and Investment Cell
 - c) Human Resource Development Cell
 - d) Marketing Society
 - e) Cognizance
 - f) SRCC-Wings of Fire
 - g) Club for Leadership, Innovation and Finance
 - h) Book Club
- (iii) Fine Arts Society will organize events/programmes which are related with fine arts. It will have five verticals under it:
 - (a) Aarohan
 - (b) Demeanor
 - (c) Panache
 - (d) Verve
 - (e) Kalakshetra
- (iv) Economics Society

- (v) English Literary Society
- (vi) Hindi Sahitya Sabha
- (vii) History and Political Science Society: It will have Youth Parliament under its ambit.
- (viii) Debating Society
- (ix) Dramatics Society
- (x) Computer and Mathematical Society
- (xi) Quiz Society
- (xii) Hobby Workshop which will have CLICK- the Film and Photography Society as its vertical.

2. The following Cells/Forums shall continue to function with the active participation/mentorship of the Faculty Member(s):

- (a) National Service Scheme
- (b) Enactus (SRCC)
- (c) Connecting Dreams Foundation (SRCC)
- (d) Office of International Programme
- (e) Shri Ram Centre for Personal Growth (Shri Ram Consulting and Research Centre and 180 Degree Consulting will be part of it)
- (f) Vittshalla
- (g) Atman- Mind, Body and Soul Club
- (h) Centre for Green Initiatives
- (i) Yamuna
- (j) Students Quality Assurance Cell
- (k) Kutumb: North Eastern and Himalaya Region Integration Society
- (l) Shri Ram Centre for Incubation, Innovation and Entrepreneurship which will have Ideation Cell, Entrepreneurship Cell and Centre for Innovation & Incubator (CII) under it.

3. **Functional Autonomy of the Verticals:** The verticals of societies shall have functional autonomy in conducting their activities. However, Coordination Committee of each of the main society shall be formed which will consist of Teacher in Charges and students' representative of all the verticals to ensure coordination and to avoid duplication or overlapping of the events/functions etc.

4. **Appointment of the Office Bearers of the societies/cells/forums:** The office bearers of non-elected societies/cells/forums shall be appointed/nominated by the Teacher in charges of the society/cell/forum in consultation with the active students of that society/cell/forum. After finalization of the office bearers of the societies/cell/forum, a list with all the particulars shall be submitted to the College Administration latest by 30th September of each year.

5. **Formation of new Cell/Forum:** A new cell or forum can be formed with the prior approval by the Staff Council. Any such proposal before being submitted to the Staff Council shall be vetted and reviewed by a committee of the Staff Council. That committee will consist of the Secretary, Staff Council as its convener and Bursar, Students' Advisor and President, Staff Association as its members.

6. **Functions/events/programmes of the Students Union, Societies or Cells**

- (a) All functions/events/programmes of the Students Union, Societies or Cells which are organized at a bigger scale shall be spread during 7-Day window in odd semester and 7-Day in even semester.
- (b) During these two windows all events shall be held including the Cross- Roads whose duration will be for 3 days.
- (c) Two or more societies/cells may club their events/programmes in these two windows with the concurrence of all concerned.
- (d) The slots for these windows shall be decided at the beginning of each semester at the meeting of teacher in charges of the Students Union, Societies and Cells.
- (e) The societies/cells will have slot of maximum two days during these windows.
- (f) The college societies/cells shall not be allowed to organize festivals and erect pandals in the college.
- (g) The events of societies/cells will not have any performance from the professional persons. However, Students' Union may invite only one accomplished performer during the Cross-Roads provided total payment including sponsored payment to the artist doesn't exceed Rs.20 lakhs.
- (h) There shall be only one college annual cultural festival ie Cross-Roads of maximum 3 days preferably on Thursday, Friday and Saturday, to be organized by the College Union.

7. Exclusion of Students' Activities from 7-Day Windows

(i) *One-off and Field Events*

Students Union/Societies/Cells may organize one-off events like lecture, debate, quiz, orientation programmes, intra college and inter-college competitions, Freshers Welcome, field events/programmes, blood donation camps, awareness camps, etc which would fall outside the two windows. However, all such events/programmes shall be conducted **with the prior approval** of the teacher in charge and the Principal.

- (ii) Business Conclave of two days, Shri Ram Economic Summit of two days, Debating Tournaments, Sports Tournaments, Shri Ram Memorial Debate, Dramatic Competitions, Mock Parliament, Quiz Competitions, Business Case Competitions and other such literary and curricular activities would not fall under the two windows of 7 days.

8. Standard Operating Procedure (SOP) for conducting the programmes/events

- (a) The societies/cells/forums will hold only those events/activities/programmes which strictly fall under the domain of the societies/cells/forums.
- (b) In the speaker sessions only the speakers falling under the domain of the society/cell and relevant to the theme can be invited with prior approval of the Teacher in charge and the Principal.
- (c) Event/programmes of any society/union/forum before the students' election shall not be allowed except the field off-campus events/activities or university or national events
- (d) No event programme shall be held without the prior written approval of the teacher-in-charge and Principal.
- (e) For seeking approval from the Principal, **at least seven days** before the event an application in the prescribed form duly forwarded by the teacher in charge shall be submitted to the Principal Office with estimated budget, sources of

- funds, programme outlay, invited or proposed speakers, participants, sponsors etc.
- (f) In case of refusal to give approval or delay, the reasons shall be given by the college administration.
 - (g) The proposed venue requirement for the event/programme/activity shall have to be booked in advance by the concerned society/cell/forum through applying in the prescribed form to the college administration.
 - (h) No society/union/forum/cell shall disrupt the classes or forcible ask the students to skip the classes. Classes would be not be suspended except during the Crossroads.
 - (i) Sound system and music will not be allowed during the class hours.
9. The **benefits in attendance** shall be allowed only for participation in the activities/events/competitions prescribed in the university ordinances. No benefit will be given for organizing of any event/programme etc.
 10. The Societies/Cells or the Union shall not put any desk or counter in the college except during the lunch break.
 11. The Union, Society and Cells must keep the expenditure on their activities within the funds earmarked and raised. The College in **no case** will be responsible for the shortfall and/or financial commitments of the Union, Society and Cells.
 12. There should not be any meeting of society/cell during the class hours.
 13. The activities of all the societies/cells must adhere to their objectives as specified in their constitution. Activities outside the direct domain of the societies/cells shall not be allowed.
 14. Stalls, Banners and Hoardings Stall, Banners and Hoardings including food stalls, displays, hoardings or big banners shall not be allowed in the college campus except during the Crossroads. However, banners and hoarding may be allowed during Business Conclave, Economic Summit, Debating Tournaments and other events which are held during the two windows of 7 days each.
 15. The structure/composition of the college students Union shall be strictly in conformity with the composition prescribed in the constitution of the Union. No other post than provided in the constitution shall be created formally or informally. The other cabinet members of the Students Union must also fulfill the conditions of 75% attendance, no academic arrear, no disciplinary action etc, as specified by Lyngdoh committee as eligibility criteria for contesting elections.
 16. There shall be a coordination committee to organize the College's annual cultural festival (Cross-Roads).
 17. No tickets/passes should be allowed to be printed and distributed.
 18. During the college annual festival (Cross-Roads) there should not be a performer on all days. Only on the last day a paid/sponsored artist can

perform in the college campus provided his/her total payment doesn't exceed Rs.20 lakhs.

19. All societies/cells/ forums etc will submit the annual report of their functioning to the college administration along with the photographs.
20. For all cultural and entertainment programs prior approval of appropriate authorities such as Performance License, Entertainment tax, Traffic, Police, Fire, etc to be obtained in advance.
21. No society or the union or office bearer or student or any other person of the college shall collect money from sponsors or corporates or other organisations or persons either in their name or in their account or in the name/account of any other person. In case it is found that any student or society or person or forum has collected or taken any money in their name or in their account or in the name/account of any other person, severe penal action would be taken against such student or other person of the college which may extend to expulsion from the college.

Important Guidelines For Student's Union & Societies Regarding Organization of Society/ Union's Events

1. All proposals to conduct the event must be duly forwarded and recommended by the concerned Faculty Advisor for approval of the Principal. This includes all important details with respect to the event, guests, VIP dignitaries, participants, budget etc.
2. The Society/ Students' Union must enter into the Memorandum of Understanding (MoU), only through its elected President, with the sponsor. Nobody else is authorized to enter into the MoU on behalf of any Society/ Students' Union. A duly signed copy of the MoU is mandatorily required to be submitted in the Accounts Section of the college.
The MoU must contain a specific clause with respect to the fact that the sponsor has referred to the important guidelines for Sponsors on the college's website/Handbook of Information and has accepted the same.
3. Deliverables: Deliverables on the part of both the parties should be clearly mentioned in the MoU. Deliverables on the part of Society/ Students' Union is the only responsibility of the concerned Office Bearers. The college undertakes no responsibility for delivery of any promises undertaken by any Society/ the Students' Union against the sponsorship money received.
4. While making promises for deliverables, the Society/ Students' Union should keep in mind the extent to which they can deliver and no exaggerated promises for deliverables should be made which are beyond the control/ purview of the Society/ Students' Union.
5. Events of Societies/ Students' Union's are conceptualized, planned and organized by students only and the college administration only plays the role of a watchdog. It is, therefore, required that all remittances towards the sponsorship are to be drawn in favour of the Principal, Shri Ram College of Commerce and submitted in the Accounts Office of the college.
6. Remittances: Remittances towards the sponsorship can only be in electronic mode (direct transfer to the college's bank account) or through Demand Draft/ Cheque drawn in favor of the Principal, as stated above. No remittance to be collected in cash. Sponsorships received in kind are to be mandatorily reported to the college administration.

7. Settlement of Accounts: All bills and accounts pertaining to the event must be settled within a fortnight (15 days) of conclusion of the event.
8. Direct Payments to Artists: All payments to the artists/star performers will be remitted directly to them and not through the Event Manager.
9. All prizes/awards/rewards to be given in various competitive events must be duly recommended by the concerned Faculty Advisor of the Society/Union Advisor and finally approved by the Principal before their publication / announcement in public.
10. Rights for Entry: No tickets/passes will be printed/distributed by any Society/Students' Union. The college administration reserves the rights to allow entry to the college premises through tickets/passes.
11. All cultural programmes/DJ Music events must be over by 7 PM and no extension beyond the stated time will be allowed.
12. Allocation of Stalls: Proposal and plan for setting of the stall will be submitted by the Societies/Students' Union duly forwarded by the concerned Faculty/Union Advisor. Allocation of stalls will be approved by the Principal. Decision of the Principal in this regard will be full and final and binding on the sponsors and Office Bearers of Societies and Students' Union. Entry/identification badges to the sponsors/staff at stalls will be printed by the organizing Society/Students' Union and submitted to the Administration Office for necessary authentication by the college administration.
13. No food stalls will be allowed except during 'Crossroads'.
14. No stall will be allowed to be set up without signing of the MoU and deposit of requisite money/charges in the Accounts Section of the college.
15. Stall(s) for promotion of and/or inclusive of activities like gambling/poker/playing cards/smoking hukkas/alcoholic drinks etc. will not be allowed to be set up. The sponsorship money/charges paid against such activities will not be refunded in any case. As also the college reserves the right to initiate penal proceedings against the offenders.
16. Classes will remain suspended during the Crossroads only.
17. All Societies/NSS/Students' Union are required to submit a list of their members and office bearers (with their contact details), duly forwarded by the concerned Faculty Advisor, in the Administration Office latest by January 15, 2018.
18. Sound/Music: Mike testing/sound check/playing music will not be allowed before 2:00 PM in any of the society events. In case of any default, the concerned society will be fined with a penalty of Rs. 5,000.
19. No publicity hoardings/banners/flexes should contain any vulgar/offensive text/graphics. Societies/Students' Union should be careful in this regard and advise the sponsors accordingly.
20. All organizing Societies/Students' Union must keep in mind that in case of any default on their part, the event will be cancelled.
21. The college administration undertakes no responsibility for foot falls/huge gathering/huge sales volume, etc. at any of the events. The college will not be liable to compensate the vendors for any loss/damages incurred due to low sales or any other reason whatsoever.
22. In case of disruption/cancellation of the event due to rain or any other natural disturbance or any act beyond the control of the college, the college will not be responsible to refund the sponsorship received.
23. The college administration reserves the right to allow entry into the college premises during the events. Vendors or their staff will be allowed entry in the college premises only through a Special ID card issued by the college administration.

24. The college administration/Principal/Faculty Advisors/any officer or official of the college will not be responsible in case of any default on the part of any Society/Students' Union or its Office Bearers.
25. The format and design of the certificate to be issued by the union/societies to its members must be pre-approved by the Principal of the college.
26. Cleanliness of the Campus: Keeping the campus clean at all times is our primary responsibility. All Societies/Students' Union must keep cleanliness of the campus and protection of our heritage building on highest priority. Visitors/participants/ sponsors be advised not to litter the campus with waste papers/polythene bags/ wrappers/plastic bottles etc. and not to place posters/banners/flexes on the walls/ pillars etc. Fixing of nails on walls/pillars is strictly prohibited. Huge flexes hanged from terrace over the Office Block should not cover the windows of Administration Office and Accounts Office.

ADDITIONAL GUIDELINES FOR ONLINE CONDUCT OF SOCIETY ACTIVITIES

After considering various aspects of the functioning of the students' activities through virtual mode, the committee of the Staff Council framed the following guidelines on the online (virtual) activities of the students' union and societies:

1. **Appointment of the Office Bearers of the societies/cells/forums:** The office bearers of non-elected societies/cells/forums shall be appointed/nominated by the Teacher in charges of the society/cell/forum in consultation with the active students of that society/cell/forum. After finalization of the office bearers of the societies/cell/forum, the Teacher in Charge shall submit the list with all the particulars to the College Administration latest by 20th January 2021. In case of office-bearers of the Society and Students Union which are elected by the students, the guidelines of the University of Delhi when issued, would be followed.
2. **Functions/events/programmes of the Students Union, Societies or Cells through Virtual Mode (on-line)**
 - (a) All functions/events/programmes of the Students Union, Societies or Cells which are organized shall be spread during the two 7-Day window February, March and April 2021.
 - (b) The Students Union, Societies or Cells are advised to conduct most of their events after 5 PM.
 - (c) During these two windows all events shall be held including the Cross-Roads whose duration will be for 3 days.
 - (d) Two or more societies/cells may club their events/programmes in these two windows with the concurrence of all concerned.
 - (e) The slots for these windows shall be decided by the Coordination Committee.
 - (f) The societies/cells will have slot of maximum two days during these windows.
 - (g) If any payment is to be made for acquiring any virtual platform, it will be done by the concerned society/cell/forum with prior approval of the concerned Teacher-in-Charge.

3. Students Union/Societies/Cells may organize events like lecture, debate, quiz, orientation programmes, intra college and inter-college competitions, Freshers Welcome, field events/programmes, awareness camps, workshops etc which would fall outside the two windows after 5.00 PM. However, all such events/programmes shall be conducted **with the prior approval** of the teacher-in-charge and the Principal.
4. Business Conclave of two days, Shri Ram Economic Summit of two days, Debating Tournaments, Sports Tournaments, Shri Ram Memorial Debate, Dramatic Competitions, Mock Parliament, Quiz Competitions, Business Case Competitions and other such literary and curricular activities would not fall under the two windows of 7 days.
5. **Standard Procedure for conducting the programmes/events**
 - (a) The societies/cells/forums will hold only those events/activities/programmes which strictly fall under the domain of the societies/cells/forums.
 - (b) In the speaker sessions only the speakers falling under the domain of the society/cell and relevant to the theme can be invited with prior approval of the Teacher in charge and the Principal.
 - (c) No event programme shall be held without the prior written approval of the teacher-in-charge and Principal.
 - (d) For seeking approval from the Principal, **at least seven days** before the event an application (on-line) in the prescribed form duly forwarded by the teacher in charge shall be submitted to the Principal Office with estimated budget, sources of funds, programme outlay, invited or proposed speakers, participants, sponsors etc.
 - (e) In case of refusal to give approval or delay, the reasons shall be given by the college administration.
 - (f) No society/union/forum/cell shall disrupt the classes or forcible ask the students to skip the classes or forcibly enter into the virtual classes. The classes would be not be suspended except during the Crossroads.
6. The Union, Society and Cells must keep the expenditure on their activities within the funds earmarked and raised. The College in **no case** will be responsible for the shortfall and/or financial commitments of the Union, Society and Cells.
7. There should not be any meeting of society/cell during the class hours.
8. The activities of all the societies/cells must adhere to their objectives as specified in their constitution. Activities outside the direct domain of the societies/cells shall not be allowed.

9. The structure/composition of the college students Union shall be strictly in conformity with the composition prescribed in the constitution of the Union. No other post than provided in the constitution shall be created formally or informally. The other cabinet members of the Students Union must also fulfill the conditions of 75% attendance, no academic arrear, no disciplinary action etc, as specified by Lyngdoh committee as eligibility criteria for contesting elections.
10. There shall be a coordination committee to organize the College's annual cultural festival (Cross-Roads).
11. No tickets/passes/charges would be allowed to be levied for participation in the events.
12. All societies/cells/ forums etc. will submit the annual report of their functioning to the college administration along with the photographs.
13. For all cultural and entertainment programs prior approval of appropriate authorities such as Performance License, Entertainment tax, etc. to be obtained in advance.
14. *No society or the union or office bearer or student or any other person of the college shall collect money from sponsors or corporates or other organisations or persons either in their name or in their account or in the name/account of any other person. In case it is found that any student or society or person or forum has collected or taken any money in their name or in their account or in the name/account of any other person, severe penal action would be taken against such student or other person of the college which may extend to expulsion from the college.*

Committees and Societies for the Academic Year 2021-22

S.No		Committee/Post	Name of Faculty
1		Staff Council	
		Chairperson (Principal)	Prof. Simrit Kaur
		Secretary	Dr. Abhay Jain
2		Teacher-in-Charges	
		Department of Commerce	Dr. Abhay Jain
		Department of Economics	Dr. Esther N. Ngaihte
		Department of English	Dr. Ruchi Kaushik
		Department of Mathematics	Dr. Misha Govil
		Department of Hindi	Dr. Ravi Sharma
		Department of Political Science	Mr. Linesh V.V.
		Department of Computer Science	Mr. Vikas Madan
		Department of Physical Edu. & Sports	Dr. Kuljeet Kaur
3		Admission Committees	
		Nodal Officer	Dr. Santosh Kumari
	A	Commerce	
		Convenor	Dr. Abhay Jain (TIC, Department of Commerce)
		Members	Prof. C.S. Sharma
			Prof. Anil Kumar
			Ms. Smita Sharma
			Dr. Deepashree
			Mr. S.K. Bohidar
			Dr. Suman Bhakri
			Ms. Reena Chadha
			Ms. Renu Agarwal
			Dr. Sneh Lata Gupta
			Dr. Rachna Jawa
			Dr. Aruna Jha
			Ms Alka Goyale
			Dr. Kuljeet Kaur
			Dr. Tarun Manjhi
			Dr. Naveen Mittal
			Mr. Vikas Madan
			Dr. Padmeshwar Doley
			Dr. Nawang Gialchhen
			Dr. Monika Bansal
			Dr. Alok Kumar
			Ms. Anisha
			Dr. Misha G. Govil
			Dr. Pushp Lata Jain
			Mr. Soumitra Kumar

			Choudhury
			Dr. Mallika Kumar
			Ms. Karuna
			Dr. Vandana Jain
			Dr. Surya Prakash
			Ms. Anuradha Agarwal*
			Mr. Ashwani Kumar*
			Dr. Shikha Makkar*
			Dr. Namita Jain*
			Ms. Vartika Khandelwal*
			Ms. Charu Goyal*
			Ms. Neetu Dhayal*
			Ms. Manpreet Sharma*
			Ms. Poonam*
			Mr. Saurabh Gupta*
			Ms. Perna Soni*
			Dr. Jaideep*
			Mr. Amarjeet*
			Mr. Satnam Singh*
			Ms. Purnima Meena*
			Ms. Vaishali Chhokar*
			Ms. Ruchika Choudhary*
			Ms. Bhavya Bansal*
			Mr. Shashank Vikram Pratap Singh*
			Mr. Vikki Sharma*
	B	Economics	
		Convenor	Dr. Esther N. Ngaihte (TIC, Department of Economics)
		Members	Ms. Anita Mathur
			Dr. Rajiv Jha
			Prof. A.J.C. Bose
			Ms. Priyanka Bhatia
			Mr. Avinash Jha
			Dr. Rajeev Kumar
			Dr. Aruna Jha
			Mr. Linessh V.V.
			Dr. Tarun Manjhi
			Mr. Harendra Nath Tiwari
			Mr. Vibhor Verma*
			Ms. Anuradha Gulati Dasgupta*
			Ms. Nidhi Gupta*
			Mr. Aasheerwad Dwivedi*
			Ms. Anushruti*
			Ms. Garima Agarwal*
			Mr. Abhinav Prakash

			Singh*
			Ms. Kopal Gupta*
			Mr. Kaushal Kishore*
			Mr. Ravi Kant*
			Mr. A. David Longkumer*
			Ms. V. Sushmitha Naidu*
			Mr. Ashwani Kumar*
			Ms. Kanika Aggarwal*
			Ms. Saumya Kumar*
			Mr. Ajay Kumar Yadav*
			Ms. Megha Yadav*
	C	Department of Physical Education & Sports	
		Convenor	Dr. Kuljeet Kaur (TIC, Department of Physical Education & Sports)
		Members	Dr. Suman Bhakri
			Dr. Surya Prakash
			Dr. Vineet Mehta*
	D	ECA	
		Convenor	Dr. Ravi Sharma
		Members	Mr. Harendra Nath Tiwari
			Mr. Ashwani Kumar*
4		Time-Table Committee	
	A	Commerce	
		Convenor	Dr. Alok Kumar
		Co-Convenor	Mr. Vikas Madan
		Members	Dr. Abhay Jain (TIC)
			Dr. Santosh Kumar
			Dr. Nawang Gialchhen
			Dr. Padmeswar Doley
			Ms. Vartika Khandelwal*
			Ms. Manpreet Sharma
			Ms. Anuradha Aggarwal*
			Mr. Pankaj Shah*
			Mr. Saurabh Gupta*
			Ms. Vaishali Chhokar*
			Ms. Pinki Kumari
			Dr. Gaurav Sharma*
			Ms. Perna Soni*
			Ms. Purnima Meena*
			Mr. Harvinder Singh*
			Mr. Satnam Singh*
			Dr. Namita Jain*
			Mr. Nikhini Athili*
			Mr. Arjun Mittal*
			Ms. Ankita Tomar*

			Dr. Shikha Makkar*
			Ms. Preeti Devi*
			Ms. Yusra Naseem*
	B	Economics	
		Convenor	Mr. Avinash Jha
		Members	Dr. Esther Ngaihte
			Dr. Aruna Jha
			Dr. Rituranjan
			Mr. Linesh V.V.
			Ms. Anushruti*
			Ms. V. Sushmitha Naidu*
5		Academic Standards Committee	
	A	Commerce	
		Convenor [Senior-most Teacher of the Department]	Prof. C.S.Sharma
		Members	Dr. Abhay Jain, TIC (2021-22)
			Dr. Tarun Manjhi, TIC (2020-21)
			Dr. Santosh Kumari, TIC (2019-20)
			Mr. S.K. Bohidar
			Dr. Raj Kumar Sah
			Dr. Alok Kumar
			Ms. Renu Verma*
			Dr. Jaideep*
			Mr. Dixit Yadav*
			Mr. Mohd Hassan*
	B	Economics	
		Convenor [Senior-most Teacher of the Department]	Ms. Anita Mathur
		Members	Dr. Esther N. Ngaihte, TIC (2021-22)
			Ms. Priyanka Bhatia, TIC (2020-21)
			Dr. Rituranjan, TIC (2019-20)
			Dr. Rajiv Jha
			Dr. Rajeev Kumar
			Ms. Anushruti*
			Ms. Nidhi Gupta*
			Mr. Aasheerwad Dwivedi*
			Ms. Kopal Gupta*
			Mr. Kaushal Kishore*
6		Academic Supervisory Committee	
		Convenor [Senior-most Teacher of the College]	Prof. C.S.Sharma

		Ex-Officio Members	TIC of All Department
			Convenor, Semester Examination
			Convenor, Internal Assessment Monitoring Committee
		Members	Dr. Esther N. Ngaihte
			Dr. Santosh Kumar
			Mr. Harendra Nath Tiwari
			Dr. Monika Bansal
			Ms. Renu Verma*
			Mr. Pankaj Shah*
			Ms. Varda Sardana*
			Mr. Dixit Yadav*
			Mr. A. David Longkumer*
7		Student Faculty Committee	
	A	Commerce	
		Convenor (TIC)	Dr. Abhay Jain
		Members	Ms. Renu Aggarwal
			Dr. Nawang Gialchhen
			Dr. Naveen Mittal
			Dr. Vandana Jain
			Dr. Vineet Mehta*
			Toppers of B.Com.(H) I, II, III and IV Semesters
	B	Economics	
		Convenor (TIC)	Dr. Esther N. Ngaihte
		Members	Ms. Priyanka Bhatia
			Dr. Rituranjan
			Mr. Kaushal Kishore*
			Mr. Ravi Kant*
			Mr. Abhinav Prakash Singh*
			Mr. A. David Longkumer*
			Ms. V. Sushmitha Naidu*
			Toppers of B.A.Eco (H) I,II,III and IV Semesters
8		Internal Assessment Monitoring Committee	
		Chairperson (Principal)	Prof. Simrit Kaur
		Convenor, Secretary, Staff Council	Dr. Abhay Jain
		Members	Ms. Smita Sharma, Bursar
			Prof. Anil Kumar, Senior Faculty Member
			Ms. Anita Mathur, Senior Faculty Member
9		Internal Assessment Moderation	

		Committee	
	A	Commerce	
		Members: Senior-most Teacher in the Department	Prof. C.S.Sharma
		TIC of Current Session	Dr. Abhay Jain
		TIC of Previous Session	Dr. Tarun Manjhi
	B	Economics	
		Members: Senior-most Teacher in the Department	Ms. Anita Mathur
		TIC of Current Session	Dr. Esther N. Ngaihte
		TIC of Previous Session	Ms. Priyanka Bhatia
10		Library Committee	
		Convenor (Librarian)	Mr. Sandeep Nawani, Librarian (Officiating)
		Ex-Officio Members	TICs of All Departments
		Student Representatives	Toppers of B.Com. (H) and B.A. (H) Eco I, II, III and IV Semesters
11		Computer Committee	
		Convenor	Mr. Avinash Jha
		Members	Prof. A.J.C. Bose Mr. Linesh V.V. Ms. Amanpreet Kaur Mishra Mr. H.N. Tiwari Ms. Karuna Dr. Vandana Jain Mr. Vikas Madan Ms. Richa Gupta* Ms. Dipika Bansal* Ms. Prerana* Mr. Dixit Yadav* Ms. Bhavya Bansal* Ms. Saumya Kumar*
12		Advisor, Students' Union	
		Advisor	Dr. Surya Prakash
13		Students' Union Tribunal	
		Convenor (Advisor, Students' Union)	Dr. Surya Prakash
		Members	Mr. S. K. Bohidar Dr. Kuljeet Kaur
14		College Discipline Committee	
		Convenor (Advisor, Students'	Dr. Surya Prakash

		Union)	
		Bursar	Ms. Smita Sharma
		Warden, Boys' Hostel	Dr. Tarun Manjhi
		Warden, Girls' Hostel	Dr. Suman Bhakri
		Ex-Officio Members	TIC of All Departments
15		Hostel Committee/Discipline Committee for Hostel	
	A	Boys Hostel	
		Convenor (Warden, Boys Hostel)	Dr. Tarun Manjhi
		Bursar	Ms. Smita Sharma
		Ex-Warden	Dr. Santosh Kumar
		Advisor, Students' Union	Dr. Surya Prakash
		Hostel Students' Representative (Co-opted)	Dr. Nawang Gialchhen
	B	Girls Hostel	
		Convenor (Warden, Girls Hostel)	Dr. Suman Bhakri
		Assistant Warden, Girls Hostel	Ms. Karuna
		Bursar	Ms. Smita Sharma
		Ex Warden, Girls Hostel	Dr. Kuljeet Kaur
		Advisor, Students' Union	Dr. Surya Prakash
		Hostel Students' Representative	Hostel Students' Representative
16		Business Analyst Committee	
		Editor	Dr. Naveen Mittal
		Editorial Board Members	TIC of All Departments
17		Strides - A Students' Journal of SRCC	
		Editor	Dr. Rajeev Kumar
18		Placement Cell	
		Convenor	Ms. Amanpreet Kaur Mishra
		Members	Ms. Ankita Tomar*
			Ms. Sakshi Gambhir*
			Ms. Preeti Devi*
			Mr. Deepak Kumar*
			Ms. Garima Agarwal*
			Ms. Hijam Liza Dallo Rihmo*
19		P.F./N.P.S. Monitoring Committee	
		Convenor	Dr. Naveen Mittal
		Bursar	Ms. Smita Sharma
		Members	Dr. Deepashree
			Dr. Rachna Jawa
			Dr. Pushp Lata Jain
			Dr. Nawang Gialchhen

			Dr. Vandana Jain
			Dr. Sneha Lata Gupta
			Dr. Santosh Kumari
			Ms. Saumya Aggarwal*
			Ms. Sarita*
			Ms. Poonam*
			Ms. Prerana*
			Mr. Haridarshan Singh*
20		Financial Assistance Committee (Fee Concession Committee/ Students Aid Fund Committee/ Need Based Scholarship Committee)	
		Convenor (Bursar)	Ms. Smita Sharma
		Co-Convenor	Ms. Anuradha Gulati Dasgupta*
		Members	Dr. Pushp Lata Jain
			Dr. Aruna Jha
			Mr. Avinash Jha
			Ms. Renu Agarwal
			Mr. Ashwini Kumar*
			Ms. Richa Gupta*
			Ms. Dipika Bansal*
			Ms. Neetu Dhayal*
			Mr. Shashank Vikram Pratap Singh*
21		Annual Day Co-Ordination Committee	
		Convenor (Senior-most teacher of the College)	Prof. C.S.Sharma
		Co-convenor	Dr. Alok Kumar
		Members:	
		Warden, Boys Hostel	Dr. Tarun Manjhi
		Warden, Girls Hostel	Dr. Suman Bhakri
		Advisor, Students' Union	Dr. Surya Prakash
		President, Teaching Staff Association	Dr. Alok Kumar
		TIC, Deptt. of Physical Education & Sports	Dr. Kuljeet Kaur
			Ms. Richa Gupta*
			Ms. Dipika Bansal*
			Ms. Anju Verma*
			Ms. Prerana*
			Mr. Ajay Kumar Yadav*
			Dr. Vineet Mehta*
22		Annual Day Awards Committee	
		Convenor	Dr. Suman Bhakri
		Members	Dr. Alok Kumar

		Dr. Monika Bansal
		Dr. Vandana Jain
		Mr. Aasheerwad Dwivedi*
		Ms. Anuradha Aggarwal*
		Ms. Meenu*
		Ms. Kanika Aggarwal*
		Mr. Ashish Gautam*
		Ms. Sarita*
		Ms. Renu Verma*
		Ms. Kopal Gupta*
23	Annual Day Prizes Committee	
	Convenor	Dr. Deepashree
	Members	Dr. Reena Chaddha
		Dr. Suman Bhakri
		Mr. Raj Kumar Sah
		Ms. Monika Bansal
		Ms. Anu Malhotra*
		Ms. Himani Dahiya*
		Ms. Neetu Dhayal*
24	College Magazine (Yamuna)	
	Editor-English Section	Dr. Ruchi Kaushik
	Editor-Hindi Section	Dr. Ravi Sharma
25	Faculty Advisors	
	Commerce Society	Dr. Alok Kumar
	Economics Society	Dr. Rajeev Kumar
		Mr. Soumitra K. Choudhury
	English Literary Society	Dr. Ravi Sharma
	Hindi Sahitya Sabha	Dr. Hijam Liza Dallo Rihmo*
	History and Political Science Society	Ms. Anisha
	Fine Arts Society	Dr. Deepashree
	Debating Society	Dr. Rachna Jawa
	Dramatics Society	Dr. Misha Govil
	Computer and Mathematics Society	Dr. Padmeswar Doley
	Hobby Workshop	
26	Café Committee	
	Convenor (Bursar)	Ms. Smita Sharma
	Warden, Boys Hostel	Dr. Tarun Manjhi
	Warden, Girls Hostel	Dr. Suman Bhakri
	Members	Dr. Rachna Jawa
		Dr. Kuljeet Kaur
		Ms. Alka Goyale
		Ms. Reena Chadha
		Ms. Asha Rani*
		Ms. Anju Verma*
		Ms. Meenu*
		Mr. Ranjeet Kumar

		Agarwal*
		Mr. Haridarshan Singh*
		Ms. Poornima Mecna*
27	College Seminar Committee	
	Convenor	Dr. Suman Bhakri
	Members	Prof. Anil Kumar
		Dr. Rajiv Jha
		Dr. Abhay Jain
		Dr. Monika Bansal
		Dr. Astha Dewan
		Dr. Deepashree
		Dr. Rachna Jawa
		Dr. Vandana Jain
		Dr. Surya Prakash
		Dr. Rajeev Kumar
		Mr. Vikki Sharma*
		Ms. Asha Rani*
		Ms. Priyanka Aggarwal*
		Ms. Varda Sardana*
		Ms. Saumya Kumar*
28	Student Faculty Exchange Program Committee	
	Convenor	Dr. Deepashree
	Members	Dr. Suman Bhakri
		Dr. Amit Sachdeva
		Dr. Rachana Jawa
		Dr. Ruchi Kaushik
		Ms. Karuna
		Mr. Linesh V.V.
		Ms. Anisha
		Mr. Arjun Mittal*
		Ms. Himani Dahiya*
		Ms. Arushi Malhotra*
29	Environment and Cleanliness Committee	
	Convenor	Dr. Nawang Gialchhen
	Co-Convenor	Ms. Manpreet Sharma*
	Members	Mr. S.K. Chawla
		Dr. Astha Dewan
		Dr. Abhay Jain
		Dr. Kanu Jain*
		Mr. Harvinder Singh*
		Dr. Gaurav Sharma*
		Ms. Saumya Aggarwal*
		Dr. Shefali Kapoor*
30	Joint Consultative Committee	
	Chairperson (Principal)	Prof. Simrit Kaur
	Convenor (Advisor, Students'	Dr. Surya Prakash

		Union)	
		Bursar	Ms. Smita Sharma
		President, Staff Association	Dr. Alok Kumar
		Warden, Boys Hostel	Dr. Tarun Manjhi
		Warden, Girls Hostel	Dr. Suman Bhakri
		Teacher-in-Charge, Department of Physical Education & Sports	Dr. Kuljeet Kaur
		Librarian (Officiating)	Mr. Sandeep Nawani
		Members	Mr. S. K. Bohidar
			Ms. Santosh Sabharwal
			Ms. Anisha
			Ms. Karuna
31		Extra-Curricular Activities (ECA) Calender Committee	
		Convenor	Ms. Smita Sharma
		Members	Dr. Surya Prakash, Advisor, Students' Union
			Ms. Santosh Sabharwal
			Dr. Kanu Jain*
			Mr. Vikki Sharma*
			Ms. Priyanka Aggarwal*
			Ms. Suman Si*
			Ms. Kavita Kamboj Chandra*
			Mr. Harvinder Singh*
32		Earn While You Learn (EWYL) Committee	
		Convenor	Dr. Santosh Kumar
		Co-Convenor	Mr. Ashwini Kumar*
		Members	Ms. Smita Sharma, Bursar & Convenor, Fee Concession Committee
			Dr. Sneh Lata Gupta
			Mr. Avinash Jha
			Dr. Santosh Kumari
			Dr. Nawang Gialchhen
			Ms. Vartika Khandelwal*
			Ms. Garima Agarwal*
			Dr. Yusra Naseem*
			Ms. Shalini Rawal*
33		College Prospectus Committee	
		Convenor	Dr. J.K. Thukral (Senior-most of the Outgoing Teacher-in-Charges)
		Members	Dr. Tarun Manjhi
			Ms. Priyanka Bhatia

		Dr. Kuljeet Kaur
		Mr. S.K. Chawla
		Dr. Ravi Sharma
		Mr. Linesh V.V.
		Mr. Vikas Madan
		Dr. Amit Sachdeva
		Mr. Ashwani Kumar*
		Ms. Manpreet Sharma*
		Dr. Ravi Kant*
		Ms. Pinky Kumari*
		Ms. Anu Malhotra*
		Ms. Saroj Joshi*
		Mr. Sudhanshu Yadav*
		Ms. Charu Goyal*
		Ms. Prerna Soni*
		Dr. Yusra Naseem*
		Mr. Harish Kumar*
		Mr. Gaurav Rana*
		Ms. Megha Yadav*
		Ms. Kamaldeep Kaur Sarna*
		Ms. Vaishali Chhokar*
		Ms. Sunita Sharma*
		Mr. Ashish Gautam*
34	College Handbook Committee	
	Convenor	Dr. J.K. Thukral (Senior-most of the Outgoing Teacher-in-Charges)
	Members	Dr. Tarun Manjhi
		Ms. Priyanka Bhatia
		Dr. Kuljeet Kaur
		Mr. S.K. Chawla
		Dr. Ravi Sharma
		Mr. Linesh V.V.
		Mr. Vikas Madan
		Mr. Raj Kumar Sah
		Dr. Shalini Aggarwal*
		Ms. Ruchika Choudhary*
		Ms. Shalini Rawal*
		Ms. Saumya Aggarwal*
		Ms. Charu Goyal*
		Ms. Suman Si*
		Mr. Amarjeet*
		Mr. Harish Kumar*
		Mr. Ranjeet Kumar

		Agarwal*
		Ms. Priyanka Aggarwal*
		Ms. Sakshi Gambhir*
		Ms. Preeti Devi*
		Mr. Deepak Kumar*
		Ms. Hijam Liza Dallo Rihmo*
35	Annual Report Committee	
	Convenor	Mr. Soumitra K. Choudhary
	Members	Ms. Ankita Tomar*
		Mr. Ashwini Kumar*
		Ms. Himani Dahiya*
		Ms. Anu Malhotra*
		Dr. Shalini Aggarwal*
		Ms. Saroj Joshi*
		Ms. Arushi Malhotra*
		Ms. Megha Yadav*
		Dr. Yusra Naseem*
		Ms. Shalini Rawal*
		Ms. Sunita Sharma*
36	SRCC Twitter Handle Committee	
	Admin	Principal
	Nodal Officer	Prof. C. S. Sharma
	Members	Dr. Amit Sachdeva
		Dr. Alok Kumar
		Dr. Mallika Kumar
		Mr. Abhinav Prakash Singh*
		Dr. Kanu Jain*
		Mr. Gaurav Rana*
	Other Committees/Cells/Officers	
1	NAAC Committee	
	Principal	Prof. Simrit Kaur
	Convenor	Prof. C.S. Sharma
2	Code of Conduct Committee	Prof. C. S. Sharma
3	National Service Scheme (NSS)	Dr. Kuljeet Kaur
4	Internal Complaints Committee (ICC)	Dr. Rachna Jawa
5	Women Development Cell	Dr. Monika Bansal
6	Srijan – SRCC Centre for Entrepreneurship, Innovation and Incubation	Mr. S. K. Chaudhary
7	"Kutumb"-North-east and	Dr. Astha Dewan

		Himalayan Nations Integration Society	
8		Nodal Officer for North-Eastern Students	Dr. Padmeshwar Doley
9		Anti Ragging Committee (Advisor, Students Union)	Dr. Surya Prakash
10		Anti-Smoking Committee (Programme Officer, NSS)	Dr. Kuljeet Kaur
11		Enabling Unit for Differently Abled Persons	Dr. Abhay Jain
12		Centre for Community Engagement (Financial Literacy Cell)- Vitshalla	Dr. Anil Kumar
13		Sri Ram Centre for Personal Growth	Dr. Anil Kumar
14		Equal Opportunity Cell	Ms. Santosh Sabharwal
			Dr. Esther N. Ngaihte
			Mr. Harendra Nath Tiwari
			Ms. Juleta Khan (Section Officer)
15		Anti-Discrimination Cell	Ms. Santosh Sabharwal
16		Liason Officer, OBC	Ms. Amanpreet Kaur
17		Liason Officer, SC/ST	Mr. Rajeev Kumar
18		Liason Officer, PWD	Dr. Abhay Jain
		Approved and Registered Cells	Under
1		Quiz Society	Economics Society
2		Panache-Western Dance Society	Fine Arts Society
3		Connecting Dreams Foundation - SRCC	Debating Society
4		CLIF - Club for Leadership, Innovation and Finance	Commerce Society
5		Corporate Interaction Cell (CIC)	Placement Cell
6		Click - The Film and Photography Society	Hobby Workshop
7		Human Resource Development Cell	Commerce Society
8		D-Street	Commerce Society
9		Demeanor	Fine Arts Society
10		Finance and Investment Cell	Commerce Society
11		Book Club	
12		Enactus	
13		The Ideation Cell	CIIE
14		Entrepreneurship Development Cell	CIIE
15		Verve - The Choreo Dance Society	Fine Arts Society
16		The Marketing Society	Commerce Society
17		Cognizance	Commerce Society

18		Youth Parliament	
19		Wings of Fire	Dr. Naveen Mittal
20		The Internship	Commerce Society
21		180 Degree Consulting	NSS
22		CRY SRCC	
23		TedX SRCC	
24		Ritva Avdhi Chapter, SRCC	
25		Shares@SRCC	
26		Shri Ram Consulting and Research Centre	
27		Cases Over Coffee	

*Subject to the renewal of his/her appointment on ad-hoc/temporary basis during the academic session 2021-22.

RESEARCH, PUBLICATIONS & PARTICIPATION BY FACULTY

Prof. Simrit Kaur

Books

1. Financing Indian Infrastructure-A Greenfield Privatization Approach in Contemporary Issues in Finance', ed. V.K. Bhalla, Anmol Publications Pvt. Ltd. New Delhi, 1999.
2. Privatization and Public Regulation: The Indian Experience (2003), Macmillan India.
3. Privatization and Public Enterprise Reform: a Suggestive Action Plan' in Economic Growth, Economic Performance and Welfare in South Asia, ed. Raghendra Jha, Palgrave Macmillan, 2005.
Also available at: <http://ideas.repec.org/p/pas/asarcc/2004-08.html>
4. Economic Freedom for States of India (2009) (with P.D. Kaushik), Academic Foundation, New Delhi.
5. Micro Economics (2013), By William McEac-hern and Simrit Kaur, South Western, Cengage Learning.
6. Intellectual Property Rights in Developing Countries (2013), Edited by Domon Koji, Tran Dinh Lam and Simrit Kaur, Vietnam National University, Ho Chi Minh Publishing House (Published as Conference Proceedings).

Projects

1. Successfully completed the project commissioned by Competition Commission of India (CCI) for conducting research study on 'Competition and Regulatory Issues related to the Taxi and Cab Aggregator Industry: With special reference to Surge Pricing and Algorithmic Collusion in the Indian context', as the Principal Investigator (2021).

Articles in Indexed/Peer Reviewed Journals

1. 1998, 'Full Convertibility', Indian Management Vol. 37 No. 2 February 1998.
2. 1998, 'Privatization and Public Regulation', PARADIGM Vol. 1, No. 2, January 1998.

3. 1998, 'Reforming State-Owned Enterprises – The Indian Experience' Company Secretary, April 1998.
4. 1998, 'The Indian Experience with the Memorandum of Understanding' Abighyan, Vol. 3, No. 16 July-Aug., 1998.
5. 1998, 'Disinvestment in India' published in The Journal of Institute of Public Enterprise, January-June 1998, Volume 21, No. 1 and 2.
6. 2001, 'Reforming Indian Public Sector Enterprises-The Efficiency Dimensions', published in Journal of Management Research, Volume1, No. 3, May-August 2001.
7. 2002, 'The Employment Implications of Divestiture: The Indian Experience', published in VISION: The Journal of Business Perspective, Volume 6 No. 1, January- June 2002.
8. 2003, 'Roles of Centre and States in Disinvestment', published in MARGIN, NCAER Volume 36, No.1, Oct- Dec 2003.
9. 2004, 'Disinvestment of Indian SOEs and its Impact on Employment', published in MARGIN, NCAER, Volume 37, No. 1, Oct-Dec, 2004.
10. 2004, 'Role of Independent Regulation in Economic Reforms' in Alternative Economic Survey: Magnifying Mal Development, Zed Publishers, London, 2004.
11. 2005, 'Privatization, Wages and Employment' in Alternative Economic Survey: Desequalizing Growth, Daanish Books, July 2005, also available at:
http://www.daanishbooks.com/product_downloads/b/aes2004_05_simrit_kaur53906.pdf
12. 2005, 'Determinants and Impact of Travel and Tourism: A Cross Country Analysis', published in The Indian Economic Journal, Volume 53, Number 2, July-September, 2005.
13. 2006, 'Liberalization, Competition and Productivity', Alternative Economic Survey, Disempowering Masses, India 2005-06, Daanish Books 2006, Also available at:
http://www.daanishbooks.com/product_downloads/a/aes2005_06_09_simrit_26890.pdf
14. 2006, 'Inequality, Growth and Economic Freedom: Re-examining the role of Government', RGICS Working Paper Series, No. 54, 2006, September 2006.
15. 2007, 'Crises of Retail Trade', in Pampering Corporates–Pauperizing Masses, Alternate Economic Survey, India, Daanish Books, 2007, also available at:
http://www.daanishbooks.com/product_downloads/z/aes2006_07_16_simritkaur_54716.pdf
16. 2007, 'Economic Freedom and Economic Growth: An Analysis of BRIC Countries', published in Journal of Business Horizon, Volume 1, July-December, 2007.
17. 2007, 'Economic Freedom, Inequality and Poverty: Re-examining the Role of Government', published in Indian Economic Journal, Volume 55, Number 2, July-September 2007.
18. 2008, 'Poverty Measurement Blues: Some Reflections', Decline of the Developmental State, Alternate Economic Survey, Daanish Books, pp: 245-261, August 2008.

19. 2008, 'Agricultural Policies in India', in *Agricultural Policies in Emerging Economies: Monitoring and Evaluation*, pp: 95-112, Organization of Economic Co-operation and Development, Paris, 2008.
20. 2009, 'Economic Freedom, Larger Freedoms and Public Policy', The Forum of Public Policy, published in *Journal of the Oxford Round Table*, 2009. Also accessible online at: <http://forumonpublicpolicy.com/archivespring08/kaur.pdf>
21. 2009, 'India's Growth in the Second Millennium: Assessment and Challenges', published in (in Italian) the *Encyclopaedia Treccani Terzo Millennio*, Italy, 2009.
22. 2009, 'Post-Election India: the New Tiger Beyond the Global Downturn', published in *Aspenia Online Journal*, Italy, June 2009, available online at http://www.aspeninstitute.it/aspen/?q=ar/Simrit_030609
23. 2010, 'Inter-State variations in Economic Growth: Does Size and Composition of State Spending on Education Matter', published in *Indian Journal of Public Administration*, Volume LVI, No.3, July-September 2010, pp:377-394.
24. 2011, 'Agriculture: Pathways to Prosperity in Asia and the Pacific', published by United Nation's International Fund for Agricultural Development (IFAD) (2011). Also available online at <http://www.ifad.org/pub/apr/pathways.pdf>
25. 2011, 'Inter-State Variations in Economic Growth: Does Size and Composition of State Spending Matter', published in *Indian Economic Journal*, Volume 59 (1), April-June 2011.
26. 2012, 'Sectoral Linkages of Energy in Indian Economy: An Empirical Evidence', published in *Research Journal of Economics and Business Studies (RJEBS)*, Volume: 01, Number: 05, March-2012 pp: 35-45, March 2012.
27. 2012, 'Inter-State Variations in Economic Growth: How Much Governance Matters?', published in *Poverty and Public Policy*, Special Issue: Volume 4, Issue 3, pages 131–152, September 2012, Published by Wiley Periodicals, USA, and Oxford. Available Online at: <http://onlinelibrary.wiley.com/doi/10.1002/pop4.9/pdf>
28. 2012, 'Intellectual Property Rights and Software Piracy in India' (2012), published in *Conference Proceedings*, Vietnam, 2012, Vietnam National University, Ho Chi Minh Publishing House.
29. 2013, 'National Rural Employment Guarantee Scheme and Targeted Public Distribution Scheme in Rajasthan and Madhya Pradesh: Complements or Substitutes?', (2013), jointly with Raghbendra Jha, Raghav Gaiha, and Manoj Pandey in *Journal of Asian and African Studies (JASS)*, Sage Publication. Available online at: <http://jas.sagepub.com/content/early/2013/05/01/0021909613479312.full.pdf+html>
30. 2013, 'Economic Impact of Trade Openness and Exchange Rate Regimes: Evidence from Developing Asia' (2013), jointly with Aditya Vikram, published in *The International Journal of Business and Emerging Markets*, United States. Available online at: <http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbem>
31. 2013, 'Food Entitlements, Food Subsidies and Right to Food: A South Asian Perspective', (2013) published in 'Handbook on Food: Demand, Supply, Sustainability and Security', edited by Jha Raghbendra and Raghav

- Giaha, Edward Elgar, United Kingdom.
32. 2014, 'Relationship between Select Commodity Prices Macroeconomic Variables in India: A VAR Analysis', (2014), jointly with Manoj Kumar Sharma, published in *Business Perspectives*, ISSN 0972-7612, July to December.
 33. 2016, 'Determinants of Food Security in Sub-Saharan Africa, South Asia and Latin America: Implications for Policy' (2016), jointly with Harpreet Kaur, published in 'Governance and Development: Views from G20 Countries', edited by Rajat Kathuria and Neetika Kaushal Nagpal, Springer Verlag, ISBN: 978-81-322-2696-3, 81-102.
 34. 2016, 'Combating Food Insecurity: Implications for Policy', (2016), jointly with Harpreet Kaur published in 'Governance and Development: Views from G20 Countries', edited by Rajat Kathuria and Neetika Kaushal Nagpal, Springer Verlag, ISBN: 978-81- 322-2696-3, 103-118.
 35. 2016, 'Climate Change, Food Security and Water Management in South Asia: Implications for Regional Cooperation' (2016), jointly with Harpreet Kaur. Published in 'Emerging Economy Studies', Sage, India. Volume 2, Issue 1, ISSN: 2394-9015, e-ISSN: 2454-2148; Sage India, pp: 1-18.
 36. 2017, 'Climate Change, Agricultural Production and Food Security: Econometric Evidence for India' (2017), jointly with Harpreet Kaur. Published in 'Journal of Business Thought', Volume 7, April 2016 - March 2017, ISSN 2231-1734, pp: 44-67.
 37. 2017, 'Reducing Inequality in South Asia: Critical Issues and Policy Choices in Reimagining South Asia in 2030', (2017); Edited by Mustafizur Rehman and Fahmida Khatun, South Asia Economic Summit, Dhaka, Bangladesh, Centre for Policy Dialogue, pp: 81-101.
 38. 2017, 'Examining the Fuel-Finance Nexus in a Macroeconomic Framework: Econometric Evidence from India' (2017). Co-authored with Aparna Sajeev, published in *South Asian Journal of Socio-Political Studies*, SAJOSPS, January-June 2017; 17(2), 87-97, ISSN 0972-4613, pp:87-97.
 39. 2017, 'Climate Risks and Sustainable Intensification of Agriculture in South Asia' (2017). *Trade Insight*, 13(1), 23-27. Available at: <http://www.sawtee.org/publications/Trade-Insight38.pdf>.
 40. 2017, 'Sustaining Agricultural Production in South Asia in the Face of Climate Change: A Panel Data Study' (2017), published in *Asian Journal of Research in Social Sciences and Humanities*, 7(9), 73-94. DOI NUMBER: 10.5958/2249-7315.2017.00444.0. <https://aijsh.com/shop/articlepdf/2017/09/15042437808abstract.pdf>
 41. 2018, 'Climate change begs for policy initiatives in South Asia' (August 2018)'. Published as an Op-ed in *East Asia Forum*, jointly with Harpreet Kaur. <http://www.eastasiaforum.org/2017/08/26/climate-change-begs-for-policy-initiatives-in-south-asia/>
 42. 2018, "A storm of climate change migration is brewing in south Asia", co-authored with Mrs. Harpreet Kaur, published in *East Asia Forum*, 2018.
 43. 2020, 'Environmental Sustainability, Trade and Economic Growth in India: Implications for Public Policy' (2020) published in *International Trade, Politics and Development (ITPD)*, Volume 4, Number 1, Emerald Publishing, ISSN: 2632-122X, Copyright Holder: Department of International Commerce, Finance and Investment, College of Politics and Economics, Kyung Hee University, South Korea (Co-authored with A.

Sajeev)

44. 2020, 'Determinants of Financial Inclusion in Rural India: Does Gender Matter?' (2020), published in *International Journal of Social Economics*, ISSN: 0306-8293, Emerald Publishing Limited, United Kingdom (Co-authored with C. Kapuria).
45. 2020, 'Determinants of Public-Private Partnerships: A State-Level Empirical Analysis of India' (2020), published in *Property Management*, ISSN: 0263-7472 Emerald Publishing Limited, United Kingdom (Co-authored with S. Malik)
46. 2020, 'Multi-dimensional public-private partnership readiness index: a sub-national analysis of India', co-authored with Ms. Sakshi Malik, published in *Web of Science indexed Transforming Government: People, Process and Policy*, 2020. ISSN: 1750-6166. DOI: <https://doi.org/10.1108/TG-06-2020-0107>.
47. 2020, 'Challenges of financing infrastructure deficits through PPPs: Lessons from Global Experience', co-authored with Ms. Sakshi Malik, published in *Scopus indexed Indian Journal of Finance*, 2020, Vol. 14 No. 10-11, pp. 8-23. ISSN 0973 – 8711. DOI: <https://doi.org/10.17010/ijf/2020/v14i10-11/155968>.
48. 2020, 'Crop Diversification and Crop Disposition in India: An Inter-State Analysis', published in *Indian Journal of Marketing*, Volume 50, Issue 5-7, May-July 2020, DOI: 10.17010/ijom/2020/v50/i5-7/152117, (Co-authored with C. Kapuria). Available online at: <http://indianjournalofmarketing.com/index.php/ijom/article/view/152117>.
49. 2021, 'Determinants of Energy Intensity Trends in Indian Metallic Industry: A Firm-level Analysis', co-authored with Ms. Megha Jain, published in *Scopus indexed Vision: The Journal of Business Perspective* (2021). ISSN: 0972-2629. DOI: <https://doi.org/10.1177%2F09722629211004293>.

Opinion Articles

50. 2013, 'India's Twin Deficits: Is Curbing Gold Imports an Effective Measure?' (2013), co-authored with Simrinder Bahri in *Financial Express*. Available online at: <http://www.financialexpress.com/news/is-curbing-gold-imports-an-effective-measure-/1144766>
51. 2014, 'Freakonomics of Grain Reserves and Price Spikes' (2014), op-ed in *Financial Express*, 30th July, Popular Writing Series, Available online at: <http://www.financialexpress.com/news/freakonomics-of-grain-reserves-and-price-spikes/1274992>
52. 2016, 'The Odds of Odd Even', (2016), Opinion Article (Op-ed) in *Financial Express*, April 14, 2016. jointly with Megha Jain, Available online at: <http://www.financialexpress.com/fe-columnist/at-odds-with-odd-even-scheme-in-delhi-and-possible-lessons/236345/>
53. 2017, 'Demonetization: Master Googly or No Ball' (2017), jointly with Sakshi Malik. Published as Opinion Article (Op-ed) in *Financial Express*, January 14, 2017, Available Online at: <http://www.financialexpress.com/opinion/demonetisation-why-narendra-modis-note-ban-move-was-necessary/507513/>
<http://epaper.financialexpress.com/1070701/Indian-Express/January-14,->

- 2017#page/9/1
54. 2019, 'Public Policy must Regulate Algorithms and AI to Avoid Adverse Impact on Society' published in Indian Express on June 07, 2019. Co-authored Jointly with Kamaldeep Kaur Sarna. Available Online at: <https://indianexpress.com/article/opinion/columns/artificial-intelligence-algorithm-policy-5768876/>
 55. 2019, "Missing the Gender-Infrastructure Link" co-authored with Ms. Sanchita Joshi and Mr. Vaibhav Puri, published in Indian express on February 7, 2019.
 56. 2020, 'Resurrecting Indian Economy, COVID and Unveiling of the Stimulus Package', (2020) co- authored with Ms. Kamaldeep Kaur Sarna, Assistant Professor, SRCC, May 21, 2020, Available Online at: <http://diplomatist.com/2020/05/21/resurrecting-indian-economy-covid-and-unveiling-of-the-stimulus-package/>
 57. 2020, 'The Right Mix for a Recovery amidst COVID', published in Indian Express on May, 7, 2020. Available Online at: <https://indianexpress.com/article/opinion/the-right-mix-for-a-recovery-coronavirus-india-lockdown-6398733/>, Co-authored Jointly with Kamaldeep Kaur Sarna.
 58. 2020, 'Analysing Union Budget 2020 from an Economic Perspective: Resources and Allocations', jointly authored with Ms. Kamaldeep Kaur Sarna, Assistant Professor, SRCC, March 31, 2020, Available Online at: <http://diplomatist.com/2020/03/31/analysing-union-budget-2020-from-an-economic-perspective-resources-and-allocations/>
 59. 2021, 'Allocations to education sector need V-Shaped Recovery too' co-authored with Ms. Kamaldeep Kaur Sarna published in The Pioneer on 10 February, 2021. Available online at: <https://www.dailypioneer.com/2021/columnists/allocations-to-education-sector-need-v-shaped-recovery-too.html>
 60. 2021, 'Women's rights: Where the mind is without fear' co-authored with Ms. Sanchita Joshi published in The Pioneer on 20 May, 2021. Available online at: <https://www.dailypioneer.com/2021/columnists/women-s-rights--where-the-mind-is-without-fear.html>

Articles in Books/Book Reviews

1. 2003, 'Disinvestment-How Strategic?' Published in Career Economy, February 2003.
2. 2004, 'Role of Independent Regulation in Economic Reforms' in Alternative Economic Survey: Magnifying Mal Development', Zed Publishers, London, 2004.
3. 2005, 'Privatization, Wages and Employment in Alternative Economic Survey: Desequalizing Growth', Daanish Books, July 2005.
4. 2005, 'Privatisation: A Global Perspective by R.K. Mishra, Morton R Davies and K.S. Bhat', book review published by Vikas Publishing House, 2004, published in Indian Social Science Review, Volume 7, Number 1, January-June, 2005.
5. 2005, 'Privatization and Public Enterprise Reform: A Suggestive Action Plan in Economic Growth, Economic Performance and Welfare in South Asia', ed. Raghbendra Jha, Palgrave Macmillan, 2005 (Peer Reviewed).
6. 2006, 'Liberalization, Competition and Productivity', Alternative

- Economic Survey, Disempowering Masses, India 2005-06, Daanish Books 2006.
7. 2007, 'Crises of Retail Trade', in Pampering Corporates–Pauperizing Masses, Alternate Economic Survey, India', Daanish Books, 2007.
 8. 2011, 'Prospects of Non-Farm Employment and Welfare in Rural Areas', published in the Routledge Handbook of South Asian Economies, edited by R. Jha (2011), Also available online at: <http://ideas.repec.org/p/pas/asarcc/2010-05.html>
 9. 2019, 'Conflict, Climate Change and Food Security in South Asia' co-authored with Ms. Harpreet Kaur, published in the book 'Hunger and Malnutrition as Major Challenges of the 21st Century', 2019. Edited by Raghendra Jha. World Scientific Publishing Company Limited. ISBN: 978-981-3239-90-6, pp.99-136.

Conference Presentations (since 2007)

International:

1. 2007, 'Poverty, Malnutrition and Economic Freedom Re- examining the Role of Government' at the National Conference on "Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World" held on April 11-13, 2007, at the Institute of Economic Growth, Delhi.
2. 2007, 'Enhancing Economic Freedom by Reducing the Size of Government: A question of its desirability' at the 6th International Conference on Economic Growth and Differentials: How Can We Harmonize Growth and Equality, held at Hosei University (Ichigaya Campus), Japan on December 8-9, 2007.
3. 2007, 'Trade-off between Economic and Larger Freedoms: Re-examining the role of government' at the 20th Anniversary of the Oxford Round Table, (from March 23 to March 28, 2008) Lincoln College, University of Oxford, England.
4. 2007, 'Economic Freedom: a Liberal Strategy for Development' participated in an eight-day seminar organized by the Dialogue Programme Brussels and the International Academy for Leadership of the Friedrich-Naumann-Stiftung fur die Freiheit, the German foundation for liberal policies, at Berlin and Brussels from October 6 to 13, 2007.
5. 2008, 'Relationship between Economic Freedom and Larger Freedoms: An analysis of BRIC Countries' presented at The Chinese Economists Society CES 2008 Annual Conference: New Phase of China's Economic Development held in Tianjin at Nankai University, China from April 18-19, 2008.
6. 2008, 'Economic Freedom' at the 15th World Congress of the International Economic Association held at Istanbul, Turkey from June 25 to June 29, 2008.
7. 2008, 'Agricultural Policies in India', invited to the OECD Global Forum on Agriculture held on 20-21 November 2008 at the OECD Headquarters in Paris, France.
8. 2009, 'Social Safety Nets, Economic Freedom and Public Policy' presented at the Annual International Conference on Development Economics and Policy held by the University of Frankfurt, Germany from 26th of June to the 27th of June 2009.

9. 2009, 'Dynamics of Human Capabilities and Economic Freedom', presented at New Directions in Welfare Conference held at St Catherine's College, Oxford University, Oxford from Monday 29th of June 2009 to Wednesday 1st of July 2009.
10. 2009, 'Social Safety Nets selected for presentation at the Inaugural Conference of the Courant Research Centre 'Poverty, Equity and Growth' held at University of Göttingen, Germany from 1st of July until the 4th of July, 2009.
11. 2009, 'The Role of the Indian Government in Tackling Food Insecurity' at the Scientific Expert Meeting to Prepare the Summit of the World's Regions on Food Security held at Paris, France on October 6, 2009.
12. 2009, 'State of Food Insecurity in India' paper presented at a two-day workshop held at Bangkok, Thailand on the 12th and 13th of October, 2009.
13. 2010, 'Financial Crisis and Food Security in India' paper presented at a two-day workshop on Agriculture and Food Security in Asia and the Pacific in the context of Food and Financial Crisis held at Bangkok, Thailand on the 22nd and 23rd of February, 2010.
14. 2010, 'Price Stabilization Policies' paper presented at the OECD Global Forum on Agriculture, held in November 2010 in Paris. The workshop was on 'Policies for Agricultural Development, Poverty Reduction and food Security'.
15. 2011, 'India's Public Distribution System: Implications for Food Security' and 'Financial Crisis and Food Security: country paper on India' paper presented at the International Economic Association's XVI World Congress, held at Beijing, China from July 4 to 8, 2011.
16. Presented a paper titled "India's Public Distribution System" at a three-day Conference titled "PEGNet Conference 2011: Poor Countries, Poor People, and the New Global Players", at the GIGA German Institute of Global and Area Studies, held at Hamburg, Germany from September 7 to 9, 2011.
17. 2012, 'Role of Business in Mitigating Indo-Pak Conflict' paper presented at the Global Business Ethics Symposium at Bentley University, Waltham, USA from the 20th to 26th of May 2012.
18. 2012, 'Economic Impact of Exchange Rate Regime and Trade Openness: An Asian Perspective' and 'Privatization and Economic Growth in BRIC Countries: Evidence from Panel Data' papers presented at the World Finance Conference held in Rio de Janeiro, Brazil from July 2-4, 2012.
19. 2012, 'National Rural Employment Guarantee Scheme and Targeted Public Distribution Scheme in Rajasthan and Madhya Pradesh: Complements or Substitutes?', presented at International Conference on Public Policy Governance, 4-6, September 2012 at Bangalore, India.
20. 2012, 'India's Growth Story: Triumph of Liberalization', presented at the Centre for Vietnamese and Southeast Asian Studies, Vietnam National University, University of Social Sciences and Humanities, on the 12th of November, 2012, Ho Chi Minh City, Vietnam.
21. 2012, 'Economic Reforms in India' presented at the Department of Economics, University of Economics and Law on the 19th of November, 2012, Ho Chi Minh City, Vietnam.
22. 2012, 'Economic Growth, Poverty, Inequality and Economic Freedom: Re-examining the Role of Government' presented at the Department of Economics, University of Economics and Law on the 23rd of November, 2012 at Ho Chi Minh City, Vietnam.

23. 2012, 'Public Policy Reforms in India' presented at the Vietnam Institute of Trade and Industry Studies, on the 17th of December, 2012 at Hanoi, Vietnam.
24. 2012, 'Reforming State-Owned Enterprises in India and Vietnam: The Way Forward' presented at the International Conference Organized by Institute of Indian & Southwest Asian Studies on 'India and Southwest Asia: Historical Links and Present Situation on the 18th of December, 2012 at Hanoi, Vietnam.
25. 2012, 'Inclusive Growth, Poverty and Economic Development in India', presented at the Hanoi College of Commerce and Tourism on the 18th of December, 2012 at Hanoi, Vietnam.
26. 2014, 'Normalizing India-Pakistan Trade in Agriculture' paper presented on 21st of January 2014 at ICRIER's annual conference organized as part of ICRIER's project "Strengthening Research and Promoting Multi-level Dialogue for Trade Normalization between India and Pakistan", held at India Habitat Centre, New Delhi, India.
27. 2014, 'Information, Efficiency and Sustainability in Indian Agricultural Markets: the e-chaupal Way', presented in Johannesburg, South Africa during the conference to be held from 10th of September 2014 to 12th of September 2014.
28. 2016, 'Addressing Financial Challenges of Public Private Partnerships in Infrastructure in Developing Asia' presented at the World Finance Conference 2016, held at St. John's University (Manhattan Campus), New York, United States from July 29-July 31, 2016.
29. 2019, 'Environmental Sustainability, Trade and Economic Growth in India: Implications for Public Policy', presented at International Conference on the theme 'Globalization, Trade and Economic Policy: Way towards Achieving Sustainable Development' jointly organised by Kyung Hee University, Seoul, South Korea and Shri Ram College of Commerce (SRCC), at Kyung Hee University, Seoul, South Korea on October 18-19, 2019.

E-Modules under NRC

1. 2019, Contributed an e-module on 'Industry 4.0 and Big Data: A Managerial Perspective', under the under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Commerce, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019 (Co-authored with Ms. Kamaldeep Kaur Sarna and Dr. Dipika Bansal).
2. 2019, Contributed an e-module on 'Changing Contours of India's Economic Policy: From Past to Present' under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019 (co-authored with Dr. Harpreet Kaur).

Lecture Recordings: Available on YouTube

3. 2019, Recorded lecture on 'Changing Contours of India's Economic Policy: From Past to Present' under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher

- education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019. Available Online at: <https://www.youtube.com/watch?v=J5HsnajkFp0>
4. 2019, Recorded lecture on 'Research Writing and Publication', under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019. Available Online at: <https://www.youtube.com/watch?v=uMf-L117OO8>
 5. 2019, Recorded lecture on topic 'Industry 4.0' under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Commerce, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019.

Invited Lectures at Institutes/Workshops/Session Chairing/Others (Since 2006)

1. 2006, invited and delivered lecture on 'Vision 2020 and Economic Development Plans of India' on March 21, 2006 at the 3rd FKKTC CEO Overseas Symposium organized by International Federation of Consulting Engineers (FIDIC), Korea Advanced Institute of Science & Technology (KAIST), Korea Engineering and Consulting Association (KENCA) and training centre (FKKTC) on 20-22 March 2006 at "Jaypee Greens" Resort, NOIDA. CEOs of about 40 Korean consulting firms attended the symposium.
2. 2006, invited and delivered lecture at the seminar on 'Economic Freedom Index: it's relevance for economic development', held on September 1, 2006 at Punjab University, Chandigarh. The seminar was organized by the Rajiv Gandhi Institute of Contemporary Studies, Delhi, in association with the Freidrich Naumann Stiftung, Federation of Indian Micro and Small and Medium Enterprises, New Delhi, and Chandigarh Management Association (CMA). Mr Surinder Singla, Punjab Finance Minister, inaugurated the seminar.
3. 2006, invited and delivered lecture on 'Privatization and Public Sector Reforms: Implications for Efficiency', at the Fifth Foundation Training Programme for Scientists and Technologists of S & T Departments of Government of India, July 17- October 6, 2006 at the Indian Institute of Public Administration, Delhi. The lecture was delivered on Tuesday, 3rd October, 2006.
4. 2006, invited and delivered lecture on '*Economic Freedom and Economic Development*' at a seminar on Economic Freedom in States of India, organized by The Federation of Andhra Pradesh Chambers of Commerce and Industry (FAPCCI), Indian Institute of Economics (IIE) and Rajiv Gandhi Institute of Contemporary Studies on 23rd November, 2006 at Surana Udyog Auditorium, FAPCCI, Hyderabad.
5. 2006, Chaired The Technical session on 'Sector and Industry Specific Issues' on 23rd December at the 11th International Conference on Productivity and Quality Research (ICPQR) at the Indian Institute of Technology (IIT), Delhi, 12 -15 December, 2006. The Conference was jointly organized by IIT, Delhi and International Society for Productivity and Quality Research, USA.
6. 2007, invited and delivered lecture on 'Privatization and Public Sector

Reforms', at the Sixth Foundation Training Programme for Scientists & Technologists of S&T Departments of Govt. of India (November 20, 2006 – January 25, 2007) on Friday, 22nd December, 2006 at the Indian Institute of Public Administration.

7. 2007, invited and delivered lecture on 'Tamil Nadu and Economic Freedom' at Hotel Le Royal Meridian, Chennai on 20th June, 2007 at a conference on 'Relevance of Economic Freedom for Development'. Dr. R. Srinivasan, Member State Planning Commission, Government of Tamil Nadu, Chennai delivered the Keynote address. The conference was organized by TFSC (TANSTIA-FNF Service Centre), Chennai in collaboration with Friedrich Naumann Foundation (FNF), New Delhi. Citation: The Hindu, Chennai Edition, June 21, 2007, report on the seminar.
8. 2008, invited to the OECD Global Forum on Agriculture to discuss Agricultural Policies in India, held on 20-21 November 2008 at the OECD Headquarters in Paris, France.
9. 2009, invited to speak on Short-term Responses to Higher Food Prices at the OECD Global Forum on Agriculture held on 29-30 June, 2009 in Paris, France.
10. 2010, invited to present views on 'Food Security Strategies for States of India: Implications for Involving the Local Bodies', at the World's Regions on Food Security, held at Dakar, Senegal on the 18th and 19th of January 2010.
11. 2011, invited and delivered lecture on 'India 2020 – Management Processes & Practices' at the Department of Management Studies, VIT Campus, Jaipur as a Special Guest on 30th April 2011.
12. 2014, invited to speak on 'Role of Food Security' in a seminar organized by the South Asia Watch on Trade, Economics and Environment (SAWTEE), together with Oxfam and Oxfam and Swedish Standards Institute (SIS), on "Regional cooperation on trade, climate change and food security in South Asia: Some reflections and way forward" on the 13th and 14th of March 2014, at Kathmandu, Nepal.
13. 2014, invited by Lahore University to speak on 'Pakistan-India Trade Normalization in the Agricultural Sector' during the Conference to be held on August 20th and 21st, 2014 at Lahore, Pakistan.
14. 2016, invited as distinguished speaker spoke on "Reducing Inequality in South Asia: Critical Issues and Policy Choices" at the Ninth South Asia Economic Summit (SAES IX) in Dhaka, Bangladesh on 15-16 October 2016. The invitation was received from the Centre for Policy Dialogue (CPD) Bangladesh. The overarching theme of SAES IX was "Reimagining South Asia in 2030".
15. 2017, invited as distinguished Speaker at National Conclave on "Synergizing Academia-Industry towards Skilling & Transforming India" organised by Federation of World Academics held on November 4, 2017.
16. 2017, invited as panellist for the parallel session titled "Regional Cooperation on Climate Change" at the 10 South Asia Economic Summit on the theme of "Deepening Economic Integration for Inclusive and Sustainable Development in South Asia" organised by the National Planning Commission and Ministry of Commerce, Government of Nepal in collaboration with South Asia Watch on Trade, Economics and Environment held in Kathmandu, Nepal on November 14-16, 2017.

17. 2017, invited as distinguished Speaker at the 5th Clash of the Titans Invitational Debate organised by Old Students' Association, Hindu College held on 2nd December, 2017.
18. 2018, invited as Guest of Honour at XII International Conference on “Business 2025: Driving Growth through Strategic Innovation, Entrepreneurship and Digitisation” organised by PHD Chambers of Commerce, New Delhi and JIMS, Kalkaji held on February 10, 2018.
19. 2018, invited as High level panellist of the spotlight session on “Ease of Doing Business: New Delhi 2022” organised by the Institute of Cost Accountant of India at their 58th National Cost Convention, New Delhi on March 16, 2018.
20. 2018, invited as Distinguished Guest Faculty for Executive Development Program for executives of Public Sector and delivered lecture on topic “Privatisation, Competition and the Public Sector”, organised by SCOPE – Academy of Public Sector Enterprises (APSE), at SCOPE Training Centre held on New Delhi on May 16, 2018.
21. 2018, invited by the European Commission as a Distinguished Resource Person for workshop on “Asia Pacific Blending and Investment” organised by European commission’s Directorate General for International Cooperation and Development, held at Brussels, Belgium from May 28-30, 2018.
22. 2018, invited as Distinguished Resource Person to speak on “Economics of Competition” at the “Induction Training of Officers of Competition Commission of India (CCI)”, organised by Indian Institute of Corporate Affairs (IICA) held at IICA Campus, IMT Manesar, Gurugram on June 22, 2018.
23. 2018, invited as the Resource Person by Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC, University of Delhi, and delivered a lecture on topic “Big Data: Implication for Public Policy” at the refresher Course in Business Management, Economics and commerce for the university and college teachers on September 20, 2018.
24. 2018, invited as distinguished guest faculty for Executive Development Program for Executive of Public Sector and delivered lecture on topic “Way forward for the Public Sector in the context of Liberalization Privatisation and Globalization” organised by SCOPE-Academy of Public Sector Enterprises (APSE), at SCOPE Training Centre, New Delhi on October 12, 2018.
25. 2018, Delivered the “7th NJ Yasaswy Memorial Lecture” on the topic “4th Industrial Revolution: Implication for Academia and Industry” as the Chief Guest for the event at IFCAI Business School, Gurugram held on October 26, 2018.
26. 2018, invited by the Government of Kyrgyzstan as a Distinguished Resource Person for workshop on “Public-Private Partnership: International Experience, Risks and Opportunities” organised at European Commission Bishkek, Kyrgyzstan on October 31, 2018.
27. 2018, invited as Guest speaker at CII Higher Education Summit on theme “Harnessing an Entrepreneurial Networks” held at India Habitat Centre, New Delhi on December 18, 2018.
28. 2019, invited as Distinguished Speaker on the topic “Big Data: Implication for Competition and Regulatory Authority” at the Refresher Course for Professional Officers of CCI held at Competition Commission of India,

- New Delhi February 18-20, 2019.
29. 2019, invited as Panellist at the panel discussion on “An Event on Women’s Empowerment” organised by Australia, New Zealand and India Business Association (ANZIBA) at Australian High Commission, New Delhi, on February 19, 2019.
 30. 2019, invited as Panellist at book discussion of the book titled “The Black Economy in India: Transition to Grey Political Economy”, authored by Kamal Nayan Kabra, at Department of Political Science, University to Delhi, Delhi on February 20, 2019.
 31. 2019, Moderator for the workshop on the topic “Women at Work: Instituting Gender Audits at Work Place”, organised by IPE Global Centre for Knowledge and Development held at India Habitat Centre, New Delhi on March 8, 2019.
 32. 2020, invited as Guest Speaker at a Webinar on “Macro Policy Options: During and After Covid-19 Pandemic” organized by Sri Guru Gobind Singh College of Commerce on 20 May, 2020.
 33. 2020, Moderated the session on “Impact of COVID-19 on Healthcare sector and its ramifications on Common Man” organized by SRCC on 27 July, 2020.
 34. 2020 invited as Distinguished Speaker at Deloitte’s Deans Summit ‘Connected’ Session on the topic “The Chief Risk Officer-Emerging Role” conducted on 29 July, 2020.
 35. 2020, invited as Distinguished Speaker at a session on “India @ 73: Engaging the World” organized by The Diplomatist on 21 August, 2020.
 36. 2020, invited as a Distinguished Resource Person by Committee on Public and Government Financial Management, ICAI for lecture on “Public Debt” as a part of Online Course on Public Finance and Government on 6 September, 2020.
 37. 2021, invited as a Resource Person by Naval War College, Goa in association with Centre for Digital Economy Policy Research, New Delhi for online lectures on “Artificial Intelligence and Game Theory” for Naval Higher Command Course Officers on 12 and 14 January, 2021.
 38. 2021, invited as Panellist to the session, “Role of Women Leaders in Climate Change and Health” organized by Lung Care Foundation on 8 March, 2021.
 39. 2021, invited as Panellist to a discussion on “How to protect yourself from Coronavirus” organized by SRCC Alumni Association with Northern India Regional Council and All branches of NIRC of ICAI on May 05, 2021.
 40. 2021, invited as Panellist at a discussion on ‘How to protect yourself from Coronavirus’ organized by SRCC Alumni Association with Northern India Regional Council and All branches of NIRC of ICAI on May 05, 2021.
 41. 2021, invited as Expert Panellist in the News hour Debate at Times Now on the topic “Will there be a 2nd chance for COVID absentees in the 12th Board Exams?” on 22 May, 2021.
 42. 2021, Moderated an insightful session on “The Making of Hero: Crisis, Leadership and Beyond” with the guest speaker, Mr. Sunil Kant Munjal, Chairman of Hero Enterprise on 8 June, 2021.
 43. 2021, invited as a Resource Person for a session on “Research in Social Sciences and Organizational Behaviour” as a part of Faculty Development

(FDP)/ Professional Development Programme (PDP) on Emerging Paradigms in Organisational Behaviour organized on 8 July, 2021 by SRCC.

Awards

1. 2019, Recipient of 'Prof. Indira Parikh 50 Women in Education Leaders' Award, awarded by the World Education Congress, India, on 4th of July 2019.
2. 2020, Bestowed with 'Amity Academic Excellence Award' at the International Business and Research Conference, INBUSH-ERA World Summit, held at Amity University Campus, Noida on the theme, "The Challenge of Change: Strategies for Managing Business in Technology Driven Societies", held on 18th and 19th of February 2020.

A.J.C. Bose

Books

1. Annavajhula J.C. Bose (2018), An Inquiry into the Nature and Causes of Contemporary Labour Relations, eBook, Blue Rose Publishers, New Delhi, ISBN: 978-93-87538-97-9.
2. Annavajhula J.C. Bose (2018), Exploring the Real World Industrial Organisation: A Study of Subcontracting, eBook, Educreation Publishing, New Delhi, ISBN: 978-1-5457-1981-7.

Articles

1. Annavajhula JCB (1988), "Subcontracting in Electronics: A Case Study of Keltron", Economic and Political Weekly, Vol.33, No.35, August 27.
2. Annavajhula J.C. Bose (1989a), "Subcontracting of Industrial Production: An Anatomy", The Asian Economic Review, Vol.31, No.2, August.
3. -- -- -- -- (1989b), "Demystification of International Subcontracting", Social Scientist, Vol.17, Nos. 11-12, November-December.
4. Annavajhula JCB (1989c), "Japanese Subcontracting Systems", Economic and Political Weekly, February 25.
5. Annavajhula J.C. Bose (1990), "International Subcontracting in Automotive and Electronics Industries: Retrospect and Prospect", The Indian Economic Journal, Vol.38, No.2, October-December.
6. -- -- -- -- (1992), "New Products and Changing Economics of Production", Business Analyst, Vol.13, No.1, July-December.
7. -- -- -- -- (1993a), "Technical Sophistication and Subcontracting: Some Pointers from Research in Advanced Economies", Business Analyst, Vol.14, No.1, July-December.
8. Annavajhula JCB (1993b), "Electronic Reorganisation of Manufacturing: A New Techno-Economic Paradigm", Economic and Political Weekly, May 29.
9. Annavajhula J.C. Bose (1995a), "Production Subcontracting in Developing Economies: A Short Survey", The Indian Journal of Labour Economics, Vol.37, No.2, April-June.
10. -- -- -- -- (1995b), "Inter-Firm Extra-Market Exchange Relations: An Interpretive Note", Business Analyst, Vol.15, No.1, January.

11. -- -- -- -- (1996), "Subcontracting, Industrialisation and Labouring Conditions in India: An Appraisal", *The Indian Journal of Labour Economics*, Vol.38, No.1, January-March.
12. -- -- -- -- (1997), "Economic Reforms and Labour in India: A Survey", *Business Analyst*, January-June.
13. -- -- -- -- (2000), "Micro-level Industrial Restructuring and Employment Relations in Times of New Competition: A Brief Survey and Research Agenda", *Business Analyst (A Journal of Shri Ram College of Commerce)* Vol.21, No.1, January-June.
14. A.J.C. Bose and Saroj Sinha (2011), "Towards Grounded Theories of Industrial Firm and Employment: A Critical Appraisal", *Labour and Development*, Vol.18, No.2, December (ISSN: 0973-0419).
15. -- -- -- -- (2012), "Human Side of Lean Production: Are't We on a Slippery Slope?", *International Journal of Lean Thinking*, Vol.3, Issue 2, December (ISSN: 2146-0337)
16. -- -- -- -- (2012), "Business Strategy and Labour Relations: A Critical Review", *The Indian Journal of Labour Economics*, Vol.55, No.2, April-June (ISSN: 0971-7927)
17. -- -- -- -- (2012), "Incentives for Workers from Motor Vehicle Assemblers: Pointers from Empirical Evidence", *Business Analyst, A Journal of Shri Ram College of Commerce*, Vol.33, Issue 1, April-September (ISSN 0973-211X).
18. Annavajhula JCB and Surendra Pratap (2012), *Worker Voices in an Auto Production Chain: Notes from the Pits of a Low Road—I*" *Economic and Political Weekly*, August 18.
19. Annavajhula JCB and Surendra Pratap (2012), "Worker Voices in an Auto Production Chain: Notes from the Pits of a Low Road—II", *Economic and Political Weekly*, August 25.
20. Annavajhula J.C. Bose (2012), "Global Auto Workers' Concerns and Perspectives: Is there Life Enhancing Future for Labour?", *Indian Streams Research Journal*, Vol.2, Issue 8, September (ISSN: 2230-7850).
21. -- -- -- -- (2012), *Libertarian Labour Laws: A Thumbnail Discussion*, *Indian Streams Research Journal*, Vol.2, Issue 9, October.
22. -- -- -- -- (2012), "Production Chains: A Difficult Research Agenda", *Prabandan: Indian Journal of Management*, Vol.5, No.11, November (ISSN: 0975-2854).
23. Annavajhula J.C. Bose and Shashi Kumar (2012), "Ideologies and Realities in Labour Relations Research: An Assessment", *Labour and Development, A Journal of V.V. Giri National Labour Institute*, Vol.19, No.2, December.
24. Annavajhula J.C. Bose (2012), "Chinese Low Road and Global Race to the Bottom", *Asian Journal of Research in Business Economics and Management*, Vol.2, Issue 11, November (ISSN: 2249-7307).
25. -- -- -- -- (2013), "Thinking Out Loud on Labour Relations Management in India", *Radix International Journal of Economics and Business Management*, Vol.2, Issue 2, February (ISSN: 2277-1018).
26. -- -- -- -- (2013), "Supply Chain Work and Employment Relations: An Exploratory Survey", *International Journal of Management Research and Review*, Vol.3, Issue 2, February (ISSN: 2249-7196).
27. Annavajhula JCB (2013), "Labour Abuse in Buyer- and Producer-Driven Supply Chains", *Economic and Political Weekly*, Mumbai, April 20. (Reproduced in Pulin B. Nayak (ed.) (2015), *Economic Development of*

- India: Critical Concepts in Economics, Vol.3, Routledge, London and New York).
28. Annavajhula J.C. Bose (2013), "Doing Labour Management Research is Not Easy: A Methodological, Experiential and Emotional Note", *International Journal of Management and Development Studies*, March (ISSN: 2320-0685).
 29. -- -- -- -- (2013), "Understanding Choice, Merits and Demerits of Labour Research Strategy", *Business Analyst*, Vol.34, No.1, April-September.
 30. Annavajhula J.C. Bose and Manshi Gupta (2013), "Home Schooling and Child Development", *Review of Research* (ISSN: 2249-894X), Vol.3, Issue 2, November.
 31. -- -- -- -- (2013), "Workplace Sexual Harassment as a Problem of Employee Relations", *International Journal of Management and Development Studies*, Vol.2, Issue 12, December.
 32. Annavajhula J.C. Bose and A. Chinmayee Meghana (2014), "Overcoming Psychiatric Disturbances: A Note", *Review of Research*, Vol.3, Issue 4, January.
 33. A. ChinmayeeMeghana and Annavajhula J.C. Bose (2014), "Gender Identity Disorder (GID): A Note", *Research Directions* (ISSN: 2321-5488), Vol.1, Issue 11, May.
 34. Surendra Pratap and Annavajhula J.C. Bose (2015), "Issues of Labour Unrest in Asia: A Comparative Study of Hot Spots and Flash Points", *Journal of Indian Research* (ISSN: 2321-4155), Vol.3, No.1, January-March.
 35. -- -- -- -- (2015), "Financialization, International Capital Mobility and Primitive Accumulation: Triple Monsters Eating Up Livelihoods", *International Journal of Development Research* (ISSN: 2230-9926), Vol.5, No.5, May.
 36. Surendra Pratap and A.J.C. Bose (2015), "Transforming the Working and Living Conditions of Workers in India", *Indian Labour Journal* (ISSN: 0019-5723), Vol. 56, No.4, April.
 37. Surendra Pratap and Annavajhula J.C. Bose (2015), "Working People in Indian Economy: A Structural Analysis", *International Journal of Social and Economic Research* (Online ISSN: 2249-6270), Vol.5, Issue 2, July.
 38. -- -- -- -- (2015), "Struggle for a Dignified Life: The Case of Paharpur Workers", *Social Action* (ISSN: 0037-7627), Vol.65, No.3, July-September.
 39. -- -- -- -- (2015), "Labour and Livelihoods under New International Division of Labour: The Case of Asia", *Labour and Development*, Vol.22, No.1, June.
 40. -- -- -- -- (2015), "Development as Politics: A Study of Emerging Workers' Movements in India", *Journal of Economic and Social Development* (ISSN:0973-886X), Vol.11, No.1, June.
 41. -- -- -- -- (2015), "Labour Management Today without Right to Organise and Collectively Bargain", *Management Today* (ISSN: 2348-3989 Online/2230-9764 Print), Vol.5, No.3, July.
 42. A. ChinamayeeMeghana and Annavajhula J.C. Bose (2015), "Meditation and Sports Performance: An Appraisal", *Academic Sports Scholars* (ISSN: 2277-3665), Vol.4, Issue 9, September.
 43. -- -- -- -- (2015), "Early Years Spirituality and Holistic Learning", *Indian Journal of Spirituality*, Vol. 28, No.3, July-September.

44. -- -- -- (2015), "Whither Democracy: A Relook at Ideal vs. Reality", Golden Research Thoughts (ISSN: 2231-5063), Vol.5, Issue 3, September.
45. Surendra Pratap and Annavajhula J.C. Bose (2015), "A Picture of Trade Unions in India", Indian Streams Research Journal (ISSN: 2230-7850), Vol.5, Issue 8, September.
46. -- -- -- (2015), "Deciphering the Anti-Labour Nature of Neocon Globalism", Modern Research Studies: An International Journal of Humanities and Social Sciences (ISSN: 2349-2147), Vol.2, No.4, October-December.
47. -- -- -- (2015), "Global Factories: Concepts, Structures, Consequences", Management Today, Vol.5, No.4, October-December.
48. -- -- -- (2015), "Industrial Relations in a Mess: A Review of Asian Realities under Neoimperialism", Gorakhpur Social Scientist (ISSN 0976-8521), Vol. 6, No.2, December.
49. -- -- -- (2015), "Formalization of Informal Workers and Enterprises in Value Creation: A Case Study", Business Analyst, Vol.36, No.2, October-March.
50. -- -- -- (2015), "Informality and Precarious Work in Production Chain Capitalism: A Case Study of Indian Automobile Industry", Asian Labour Review (published from Asia Monitor Resource Centre, Hong Kong), Vol.1.
51. A.J.C. Bose and S. Pratap (2016), "Value Chains and Worker Illfare: Some Comments", Business Analyst, Vol.37, No.1.
52. S. Pratap and A.J.C. Bose (2017), "Neoimperialism and Labour Compression", <https://rupeindia.wordpress.com/2017/03/15/neoimperialism-and-labour-compression/#more-1288>, March 15, and in Aspects of Indian Economy, No. 68, Research Unit for Political Economy, Mumbai.
53. Annavajhula J.C. Bose (2018), "Moral Failure in Economics: Journey Toward Feminizing Alternatives?", in Management Today, Vol. 8, No.2, April-June 2018.
54. Networked Firm and Its Impact on Labour and Human Resource Policies, Aapoorti Economics Journal 2020, 10 th Edition, Miranda House, University of Delhi.
55. Annavajhula J.C. Bose and Surendra Pratap. 2020. Protest Politics of Rural Crisis. Journal of Indian Research. Vol.8. No. 2, April-June.
56. Surendra Pratap, Annavajhula J.C. Bose and Shashi Kumar. 2021. Working to Illness and Death: Who Cares?, in Journal of Indian Research. Vol.9. Nos. 1-2. January-June.

Book Reviews and Blog Posts

1. Joel Mokyr (1990), Twenty-Five Years of Technological Change: An Historical Survey, Harwood Academic Publishers, Chur, Switzerland, in Business Analyst, Vol.14, No.1, July-December 1993.
2. The State of the World's Children 1993, Oxford University Press for UNICEF, Oxford/New York, in Business Analyst, Vol.14, No.1, July-December 1993.
3. Joga Singh Khokhar (ed.) (1997), Programming Models for the Electricity Industry, Commonwealth Publishers, New Delhi, in Business Analyst, January-June, 1997.

4. Duck-Koo Chung and Barry Eichengreen (eds.) (2004), *The Korean Economy Beyond the Crisis*, Edward Elgar, in *China Report* (Sage Publication), Vol.42, No.4, 2006.
5. Sushila Narsimhan and G. Balatchandirane (eds.) (2004), *India and East Asia: Learning from Each Other*, Manak, New Delhi, in *The Indian Journal of Labour Economics*, Vol.48, No.2, April-June.
6. Thorstein Veblen (2005), *The Theory of Leisure Class: An Economic Study of Institutions*, Indian Edition, Aakar Books, New Delhi, in *The Indian Economic Journal*, Vol.53, No.2.
7. Tony Avirgan, L. Josh Bivens and Sarah Gammage (eds.) (2005), *Good Jobs, Bad Jobs, No Jobs*, Global Policy Network and Economic Policy Institute, in *The Indian Journal of Labour Economics*, Vol.48, No.3, July-September.
8. Immanuel Ness (2005), *Immigrants, Unions and the New US Labour Market*, Temple University Press, Philadelphia, in *The Indian Journal of Labour Economics*, Vol.49, No.1, January-March.
9. C.S. Venkataratnam (2006), *Industrial Relations*, Oxford University Press, New Delhi, in *The Indian Journal of Labour Economics*, Vol.49, No.3, July-September.
10. Aman Sethi (2011), *A Free Man*, Random House India, Noida, in *Business Analyst*, Vol. 34, No.1, 2013.
11. Erin Hatton (2011), *From Kelly Girls to Permatemps in Postwar America*, Temple University Press, in *Business Analyst*, Vol.34, No.2, 2013.
12. AMRC (ed.) (2012), *The Reality of Corporate Social Responsibility: Case Studies on The Impact of CSR on Workers in China, South Korea, India and Indonesia*, Asia Monitor Resource Centre, Hong Kong, in *Business Analyst*, Vol.36, Issue 1, April-September, 2015.
13. Samuel D. Rima (2013), *Spiritual Capital: A Moral Core for Social and Economic Justice*, Gower Publishing Limited, England, in *Business Analyst*, Vol.35, Issue 1, April-September 2014.
14. Paul Swanson (2013), *An Introduction to Capitalism*, Routledge, London, in *Business Analyst*, Vol.35, Issue 2, October 2014-March 2015.
15. Surendra Pratap (2014), *Emerging Trends in Factory Asia*, Asia Monitor Resource Centre, Hong Kong, in *China Report*, Vol.51, No.4, November 2015.
16. Florian Butollo (2014), *The End of Cheap Labour? Industrial Transformation and “Social Upgrading”*, Campus Verlag, Frankfurt/New York, in *China Report*, Vol.52, No.1, 2016.
17. K.P. Kannan (2014), *Interrogating Inclusive Growth: Poverty and Inequality in India*, Routledge, New Delhi; and R. Nagaraj (ed.) (2012), *Growth, Inequality and Social Development in India: Is Inclusive Growth Possible?*, Palgrave Macmillan, in *Management Today*, Vol.6, No.4, October-December, 2016.
18. Anita Chan (ed.) (2015), *Chinese Workers in Comparative Perspective*, Cornell University Press, Ithaca and London, in *Management Today*, Vol.6, No. 2, April-June 2016.
19. Lu Zhang (2015), *Inside China’s Automobile Factories: The Politics of Labour and Worker Resistance*, Cambridge University Press, in *Economic and Political Weekly*, Vol.51, Issue No.29, July 16, 2016.
20. Neva Goodwin et al. (2014), *Principles of Economics in Context*, M.E. Sharpe, New York and Jonathan M. Harris and Brian Roach (2013),

- Environmental and Natural Resource Economics: A Contemporary Approach, M.E. Sharpe, New York, in *Business Analyst*, Vol.37, No.1, 2016.
21. Ha-Joon Chang (2014), *Economics: The User's Guide*, Penguin India; Amal Sanyal (2012), *Economics and Its Stories*, Social Science Press, New Delhi; and Julie Nelson (2006), *Economics for Humans*, The University of Chicago Press, Chicago, in *Journal of Indian Research*, Vol.4, Nos.1-4, 2016.
 22. Amit Goswami (2015), *Quantum Economics*, Rainbow Ridge Books, New York; and Jim Alvino & Amit Goswami (2015), *The Business Person's Guide to Demystifying & Implementing Quantum Economics in the Workplace*, Quantum Economics Business Coaching™, USA, in *Business Analyst*, Vol.38, No.1, 2017. Annual Economics Journal "Apoorti", Miranda House, University of Delhi, Delhi, 2018.
 23. Ignatius Chithelen (2016), *Six Degrees of Education: From Teaching in Mumbai to Investment Research in New York*, Bryant Park Publishers, New York; and Sid Mitra (2015), *To Bee or Not to Bee: Winning against All Odds*, Sage Publishing, in *Management Today*, Vol.7, No.3, 2017. Vol.8, No.2, April-June 2018.
 24. Bhanumathi Narasimhan (2018), *Gurudev: On the Plateau of the Peak*, Wetlands Publications Pvt. Ltd., Chennai, in *Journal of Indian Research*, Vol.5, No.4, October-December 2017.
 25. Center for Civil Society (2017), *Delhi Citizens' Handbook: Government to Citizen Services*, in *Business Analyst*, Vol.38, Issue 2, 2017-18.
 26. Keith Hart et al. (ed) (2010), *The Human Economy: A Citizen's Guide*, Polity Press, Cambridge, UK, in *Journal of Indian Research*, Vol.6, No.1, January-March 2018.
 27. Sunita Narain (2017), *Conflicts of Interest: My Journey through India's Green Movement*, Penguin India, in *Business Analyst*, Vol.39, Issue 1, 2018.
 28. Kavita A. Sharma and Indu Ramchandani (2018), *Life Is As Is: Teachings from the Mahabharata, Wisdom Tree*; and Roopa Rai (2015), *The Gita for Children*, Hachette, in *Journal of Indian Research*, Vol.6, No.4, 2018.
 29. Robyn Eversole (2018), *Anthropology for Development: From Theory to Practice*, Routledge, London, in *Artha, The Annual Journal of the Economics Society 2019*, Shri Ram College of Commerce, Delhi.
 30. Azim Premji University (2018), *State of Working India*, in *Aapoorti, Annual Economics Journal 2019*, 8th Edition, Miranda House, University of Delhi, Delhi.
 31. Linda Yueh (2018), *The Great Economists: How Their Ideas Can Help Us Today*, Viking, in *Ecolloquial, Annual Journal 2019*, Department of Economics, Lady Shri Ram College for Women, University of Delhi, New Delhi.
 32. Tom Barnes (2018), *Making Cars in the New India: Industry, Precarity and Informality*, Cambridge University Press; and Alessandra Mezzadri (2017), *The Sweatshop Regime: Labouring Bodies, Exploitation and Garments Made in India*, Cambridge University Press, in *Management Today*, Vol.9, No.2, April-June 2019.
 33. Andre Spicer (2018), *Business Bullshit*, Routledge, in *The Indian Journal of Commerce*, Vol.72, No.1, January-March 2019.

34. Sohaila Abdulali (2018), What We Talk About When We Talk About Rape, Penguin/Viking, in Journal of Indian Research, Vol.7, No.3, July-September 2019.
35. Dr. Ajay Varanasi (2018), Diabetes Time Travel: Past to the Future, Independently Published, USA, in Journal of Indian Research, Vol.7, Nos 1 & 2, January-June 2019.
36. Ignatius Chithelen (2018), Passage from India to America: Billionaire Engineers, Extremist Politics and Advantage to Canada and China, Bryant Park Publishers, USA, in Management Today/For a Better Tomorrow, January-March 2019.
37. Lilian Fischer et al. (eds.) (2018), Rethinking Economics: An Introduction to Pluralist Economics, Routledge, in Business Analyst, Vol.39, Issue 2, July-December 2018.
38. Robert Constanza et al. (1997), Introduction to Ecological Economics, in Business Analyst, Vol.40, No.1, January-June 2019.
39. Chodorkoff, Dan. 2014. The Anthropology of Utopia: Essays on Social Ecology. New Compass Press. Norway; and Chodorkoff, Dan. 2011. Loisa: A Novel. Fomite. Burlington. Vermont, in Business Analyst. Vol.40. Issue 2. 2019.
40. Shalendra D. Sharma (2018), A Political Economy of the United States, China and India: Prosperity with Inequality, in The China Journal, No.83, January 2020.
41. Right Brain Attributes and Skills, in <https://ecosocsrcc.com>, June 8, 2019
42. Good Life, Good Society, Good Economics, in ecosocsrcc.com, June 22, 2019
43. Why You Must Consult Economics Anti-Textbooks, in ecosocsrcc.com, July 5, 2019
44. Why Study Economics, in ecosocsrcc.com, July 23, 2019
45. Celebrating Prof. Amit Bhaduri: Part I-Core of Economics, in ecosocsrcc.com, August 16, 2019
46. Celebrating Prof. Amit Bhaduri: Part II-Dignifying Development, in ecosocsrcc.com, August 16, 2019
47. The Macroeconomic Pitfalls of Labour Market Flexibility, in ecosocsrcc.com, September 19, 2019
48. How Does Modern Business Create Employment and Treat You?, in <https://ecotalker.wordpress.com> from Miranda House, September 18, 2019
49. Labour and Democratic Rights, in ecosocsrcc.com, September 28. 2019
50. Microeconomics of Competitiveness, Manufacturing and Industrial Relations, in ecotalker.wordpress.com, September 14. 2019.
51. Why Managers Cannot Create Industrial Democracy and Peace, in ecotalker.wordpress.com, October 30, 2019
52. Informal Employment, in ecotalker.wordpress.com, November 20, 2019
53. Industry-centric View of Economic Globalisation, in ecotalker.wordpress.com, November 28, 2019
54. Outsourcing or Subcontracting, in ecotalker.wordpress.com, December 13, 2019
55. Political History of Neocon Economics, in ecotalker.wordpress.com, December 25, 2019.
56. Neomperialism and Industrial Relations, in ecosocsrcc.com, October 15, 2019
57. The Indian Workers, in ecosocsrcc.com, October 29, 2019

58. Sociology of Big Business, in ecosocsrcc.com, November 30, 2019
59. Small Firm Labour Relations, in ecosocsrcc.com, November 16, 2019
60. Inequality Concerns, in ecosocsrcc.com, December 14, 2019
61. Veblenian Economics, in ecosocsrcc.com, December 28, 2019
62. Employment as Private Property of Employers, in ecosocsrcc.com, January 11, 2020
63. Amoral and Chaotic Economics Profession, in ecosocsrcc.com, January 25, 2020
64. Industrial-Urban Transformation of Asia in Historical Perspective, in ecotalker.wordpress.com, January 15, 2020
65. Monist and Pluralist Economics, in ecotalker.wordpress.com, January 29, 2020
66. Sweatshops, in ecotalker.wordpress.com, February 12, 2020
67. Special Economic Zones, in ecotalker.wordpress.com, February 28, 2020
68. Maoism in India-the Promise and the Brutal Reality: A Review, in Global Indian Times. New York. March 12, 2020.
69. Solidarity Economics, in ecotalker.wordpress.com, March 14, 2020
70. To Be or Not To Be a Naxal, in ecotalker.wordpress.com, March 31, 2020
71. How to Tackle India's Massive, Rising Unemployment, in Global Indian Times, April 1, 2020.
72. Metastory of Economic Dislocation, in ecotalker.wordpress.com, April 6, 2020
73. Social Dislocation, in ecotalker.wordpress.com, April 9, 2020
74. Interview Insights: Dr. AJC Bose, in Unravel Economics, April 8, 2020, <https://unravelecon.com/features/>
75. Review of Aparna Karthikeyan. 2019. Nine Rupees an Hour: Disappearing Livelihoods in Tamil Nadu. Westland, in Journal of Rural Development. NIRD. Hyderabad. Vol. 39, No.1, January-March 2020.
76. Everyone's Economics, in Unravel Economics, April 15, 2020,
77. Regrets, Lies and Truths in Economics, in Unravel Economics, April 17, 2020.
78. Ethics of Food Consumption (Review of Ethical Vegetarianism and Veganism by Andrew Linzey and Clair Linzey eds. 2019. Routledge), in ecotalker.wordpress.com, April 18, 2020.
79. Locked in Wicked Problems, in Unravel Economics, April 27, 2020.
80. An Exemplary Introduction to Economics (Review of the book, Economics after the Crisis: An Introduction to Economics from a Pluralist and Global Perspective by Irene van Staveren. 2015. Routledge), in ecotalker.wordpress.com, April 29, 2020.
81. Human Motivations in Economics, in Unravel Economics, May 11, 2020.
82. International Capital Mobility, in Unravel Economics, May 19, 2020.
83. Migrant Workers, in Unravel Economics, May 25, 2020.
84. Elitist Failure, in www.ecosocsrcc.com, May 25, 2020.
85. Making Money from Money, in Unravel Economics, June 1, 2020.
86. Sex Problem in Economics, in ecotalker.wordpress.com, May 21, 2020.
87. Rural Protests and Their Achievements in India, in ecotalker.wordpress.com, June 1, 2020.
88. Becoming an Ultra-Serious Ecological Warrior, in ecotalker.wordpress.com, June 7, 2020.

89. Corporate Sleaze (Review of William Dalrymple. 2019. *The Anarchy: The East India Company, Corporate Violence and the Pillage of an Empire*. Bloomsbury Publishing), in ecotalker.wordpress.com, June 13, 2020
90. Review of John Gusdorf. 2019. *Ecological Living*. Routledge, in the *Indian Journal of Ecology*. Indian Ecological Society. 47(2). June 2020.
91. Economic Informalization, in www.ecosocsrcc.com, June 1, 2020.
92. Review of *The Business of Humanity: Strategic Management in the Era of Globalisation, Innovation and Shared Value*, Routledge, 2017, in *Business Analyst*, Vol.41, Issue 1, January- June 2020.
93. Market Strategy, in *Unravel Economics*, June 13, 2020
94. Understanding Reality by Fieldwork, in *Unravel Economics*, June 21, 2020
95. Chinese Competition, in www.ecosocsrcc.com, June 26, 2020
96. Apretando for Labour, Bonanza for Capital, in ecotalker.wordpress.com, June 27, 2020
97. The Belgian-born Jean Dreze Tackles Social Development in India, in *Global Indian Times*, June 27, 2020
98. Exclusionary, Ungreen Development, in *Unravel Economics*, June 28, 2020
99. Stewardly Capitalism (A Review of Colin Mayer. 2018. *Prosperity*. Oxford University Press), in www.ecosocsrcc.com, July 10, 2020.
100. Social Progress, in *Unravel Economics*, July 6, 2020.
101. Review of Rajeswari S. Raina and Keshab Das (eds.) (2020), *Inclusive Innovation: Evidence and Options in Rural India*, Springer Nature, eBook, in *Journal of Rural Development*, Vol.39, No.3, July-September 2020.
102. Usurious and Decaying Money: Why the Spirit of Gift Should Underscore Monetary Exchange, in www.ecotalker.wordpress.com, July 18, 2020.
103. Green and Social Corporates, in *Unravel Economics*, July 19, 2020.
104. Social Exclusion, in www.ecosocsrcc.com, July 24, 2020.
105. Business Philanthropy Morphing into CSR in India, www.ecotalker.wordpress.com, July 31, 2020.
106. Educational Aims, in *Unravel Economics*, July 28, 2020.
107. Critical Thinking about Scarcity, in www.ecotalker.wordpress.com, August 10, 2020.
108. Inside the Firm Review: Part I—Work Organisation and Worker Participation, in www.ecosocsrcc.com, August 12, 2020.
109. Inside the Firm Review: Part II—Skill Formation and Development, in www.ecosocsrcc.com, August 12, 2020.
110. Inside the Firm Review: Part III—Remuneration and Compensation, in www.ecosocsrcc.com, August 12, 2020.
111. Inside the Firm Review: Part IV—Job Security and Staffing Arrangements, in www.ecosocsrcc.com, August 12, 2020.
112. Inside the Firm Review: Part V—Enterprise Governance, Worker Organisation and Labour-Management Relations, in www.ecosocsrcc.com, August 12, 2020.
113. One World, One Family, in *Unravel Economics*, August 13, 2020
114. How COVID-19 Medical Costs are Bankrupting Middle-Class Families in India, in *Global Indian Times*, August 23, 2020 (Published under the pen name Atmanirbharananda Bharati).
115. Ecological Politics, in www.ecosocsrcc.com, September 1, 2020.
116. Mysterious Happy-ness, in *Unravel Economics*, September 6, 2020
117. Buddhist Economics of Bhutan's Happiness, in www.ecotalker.wordpress.com, September 8, 2020.

118. Stories of Humanistic Business, www.ecosocsrcc.com, September 22, 2020.
119. Frugal Markets, www.ecosocsrcc.com, September 30, 2020.
120. South American Alternative to Western Development, in www.ecotalker.wordpress.com, October 2, 2020
121. Happy-ness Economics, in Unravel Economics, October 2, 2020.
122. Why I Believe in the Hinduism of Swami Agnivesh, in Global Indian Times, October 5, 2020 (Published under the pen name Atmanirbharananda Bharati)
123. Modern Criminomics, in www.ecosocsrcc.com, October 13, 2020.
124. Planetary Health (Review of Charles Eisenstein. 2018. Climate: A New Story. North Atlantic Books), in www.ecosocsrcc.com, October 27, 2020.
125. Poor Social Capital Militates against Broadbased Indian Prosperity, in Unravel Economics, October 26, 2020.
126. Ants among Elephants and Their Economics, in www.ecotalker.wordpress.com, October 27, 2020.
127. Labour Intensive Export Failure (A Review of Murali Patibandla. 2020. International Trade and Investment Behaviour of Firms. OUP), in The Hindu Business Line. Digital Version. November 1, 2020 (Print Version. November 2. Monday. p.13).
128. Civil Society Activism, www.ecosocsrcc.com, November 6, 2020
129. The China Model, in www.ecotalker.wordpress.com, November 11, 2020.
130. Spiritual Economics, in www.ecotalker.wordpress.com, November 12, 2020
131. Goalkeepers Reports and Billionaires under Heavy Fire, in www.ecosocsrcc.com, November 21, 2020.
132. The Occupy Movement and the Leftist Politics, in www.ecosocsrcc.com, December 4, 2020
133. Liberal Politics, in www.ecosocsrcc.com, December 18, 2020
134. Economics of Humanistic Capitalism, in www.ecotalker.wordpress.com, December 16. 2020
135. Review of Hans Rosling. 2018. Factfulness. Sceptre., in Business Analyst. Vol.41. Issue 2. July-December 2020.
136. Alice Amsden, the Unconventional Economist, in www.ecotalker.wordpress.com, December 24. 2020
137. Review of John Komlos. 2019. Foundations of Real World Economics. Routledge, in Orissa Economic Journal. Vol. 52. Issue 2. 2020. ISSN-0976-5409. <http://www.orissaeconomicjournal.in/>
138. Choosing the Story You will Stand in, in www.ecosocsrcc.com, January 16, 2021.
139. Sonia Shah Deserves Her Science Celebrity, in Global Indian Times, January 25, 2021.
140. Political Economy, in www.ecotalker.wordpress.com, January 31, 2021.
141. Business in Politics, Politics in Business, in www.ecosocsrcc.com, January 30, 2021
142. Indian Development: Revisiting the Sainath Story, in www.ecosocsrcc.com, February 20, 2021.
143. Economic History and Economics, in www.ecosocsrcc.com, February 28, 2021.
144. Getting Rid of Microbial Xenophobia, in www.ecotalker.wordpress.com, February 3, 2021

145. Steve Keen's Anti-Economics, in www.ecotalker.wordpress.com, February 20, 2021
146. Making Economics Lively, in www.ecosocsrcc.com, March 20, 2021
147. Ethical Supply & Demand, in www.ecosocsrcc.com, March 31, 2021
148. Economic Poetry and Humour, in <https://www.elsrcc.com/my-blog>, The English Literary Society, SRCC. March 24, 2021
149. Reminiscing Krishna Bharadwaj, in www.ecotalker.wordpress.com, March 8, 2021.
150. History of The Economist, in www.ecotalker.wordpress.com, April 17, 2021.
151. Non-Bullshit Macroeconomics, in www.econafterhours.com, The Economics Society, St. Stephen's College, University of Delhi. April 3, 2021
152. The Wilkinson-Pickett Research, in www.econafterhours.com, St. Stephen's College. April 24, 2021
153. High Road Value Chains, in www.ecosocsrcc.com, April 23, 2021.
154. Being Somebody, Becoming Nobody, in www.ecosocsrcc.com, April 30, 2021
155. World is Getting Better or Worse?, in www.ecotalker.wordpress.com, April 28, 2021
156. Celebrating William Blake of the Romantic Era, in TRECENTO, Newsletter of the English Literary Society, SRCC, Issue 3. April 28. 2021
157. Desolation Poetry and Restless Prose of Lockdown Everywhere, in www.elsrcc.com, April 30, 2021.
158. The Social Economy, in www.ecosocsrcc.com, May 7, 2021
159. Psycho-Pathologies of Market Societies, in www.ecotalker.wordpress.com, May 5, 2021
160. Our Food is Killing Us, in www.ecotalker.wordpress.com, May 15, 2021
161. Contextualizing Ivory-Tower Theories, in www.ecotalker.wordpress.com, May 20, 2021
162. Integrating Our Shadows into Ourselves: The BTS vs. The Beatles, in www.elsrcc.com, May 30, 2021
163. Review of Death of a Professional by Rajiv Ahuja. Xpress Publishing. 2020, in TRECENTO, Newsletter of ELS, SRCC, May 28, 2021
164. On the Bankrupt Subject of Labour Relations, in www.ecosocsrcc.com, May 31, 2021.
165. Indian Village Life, in www.ecotalker.wordpress.com, May 31, 2021
166. Naomi Klein, in www.ecotalker.wordpress.com, June 7, 2021
167. How Can Rural Labour Survive?, in www.ecosocsrcc.com, June 14, 2021
168. Corona Age as a Blue Funk, in www.elsrcc.com, June 14, 2021.
169. Feeling Blue, Tell the Truth, in www.ecotalker.wordpress.com, June 16, 2021
170. The Decent Work Hyperbole, in www.econafterhours.com, The Economics Society, St. Stephen's College, June 19, 2021
171. Triple Bottom Line, in www.ecosocsrcc.com, June 22, 2021
172. Power Structure, in www.ecotalker.wordpress.com, June 23, 2021
173. Local, Glocal Poetry, in www.elsrcc.com, English Literary Society, SRCC. June 26, 2021
174. Working-Class Fiction, in TRECENTO, Newsletter of ELS, SRCC, June 27, 2021
175. The Neoclassical Imagination, in www.ecosocsrcc.com, June 29, 2021

176. NO to Industrial Agriculture, YES to Agroecology, in www.ecotalker.wordpress.com, July 5, 2021.
177. Down to Earth Micro, in www.ecosocsrcc.com, July 12, 2021
178. The Problem of Acquiring Accurate Information, in www.ecotalker.wordpress.com, July 22, 2021
179. Review of Mark Bittman. 2021. Animal, Vegetable, Junk. Houghton Mifflin Harcourt, in *Business Analyst*. 42 (1). January-June 2021.

Award

1. Recipient of Dr. Sarvepalli Radhakrishnan Distinguished Professor Award 2021 in Industrial Organisation and Labour Relations by the Centre for Professional Advancement, Government of Andhra Pradesh.

Membership

1. Life Member, Indian Society of Labour Economics
2. Life Member, Indian Industrial Relations Association
3. Life Member, Odisha Economic Association
4. Basic Member, World Economics Association

Alok Kumar

Books

1. Kumar Alok, Corporate Accounting, for B. Com. (Hons.) Course of Delhi University. 2nd Ed. New Delhi: Galgotia Publishing Company, ISBN -978-93-86184-22-1, 2017.
2. Kumar Alok, Basic Corporate Accounting, for B. Com. (Programme) Course of
3. Delhi University. 2nd Ed. New Delhi: Galgotia Publishing Company, ISBN – 978-93-85184-24-5, 2017.
4. Kumar Alok, Corporate Accounting, for B. Com. (Hons.) Course of Delhi University. 2nd Ed. New Delhi: Kitab Mahal Publishers, ISBN – 978-93-87253-12-4, 2019.
5. Kumar Alok, Financial Accounting for B.Com. (Hons.) CBCS Curriculum. 4 th Ed. Singhal Publications, New Delhi, ISBN – 978-81-944650-4-1, 2020.
6. Kumar Alok, Basic Financial Accounting for B.Com. CBCS Curriculum. 1st Ed.
7. Singhal Publications, New Delhi, ISBN – 978-81-939940-7-8, 2019.
6. Kumar Alok, Corporate Accounting for B. Com. (Hons.) CBCS. 1st Ed., Shiksha Sagar Publisher and Distributors, Agra, ISBN – 978-93-86114-52-5, 2019.
7. Kumar Alok, Corporate Accounting for B.Com. (Hons.) CBCS Curriculum. 5th Ed. Singhal Publications, New Delhi, ISBN – 978-81-944650-0-3, 2020.
8. Kumar Alok, Fundamentals of Corporate Accounting for B.Com. CBCS Curriculum. 5th Ed. Singhal Publications, New Delhi, ISBN – 978-81-944650-3-4,
8. 2020.
9. Kumar Alok, Corporate Accounting for B.Com. (Hons.) CBCS

Curriculum. 6th Ed. Singhal Publications, New Delhi, ISBN – 978-81-944650-0-3, 2021.

Research Articles

1. Kumar, Alok “An Evaluation of Public Sector Reforms” Anusandhanika’ (ISSN0974- 200X) Vol.VI, July 2008.
2. Kumar, Alok “E-initiative in Corporate Governance- An Analysis of Relevant Provisions of Companies Act 2013” Abhinav International Monthly Refereed Journal of Research in Management and technology’ (Online ISSN-2320-0073), Vol. 4, Issue 5 (May, 2015).

Paper Presentations

1. Paper presented at State Level Seminar Organised by P.G. Department of Commerce and Business Management Ranchi University, Ranchi (25-02-2005) on “Public Sector Reforms with Special Reference to MECON Ltd.”
2. IX International Conference on Finance and Business Management held at ‘Department of Commerce and Business Management Ranchi University, Ranchi, Jharkhand, in Association with STMP, New Delhi, in July 2014. “Corporate Governance - New Dimensions in India”

Distinguished Speaker

1. Participated in Two Day National Seminar on “The Direction and Condition of Modern Education in Bihar” (23-24 January, 2020) as Key Note Speaker. Seminar organised by R.D. & D.J. College, Munger.

Amit Sachdeva

Books

1. Sachdeva, Amit, Micro Economics: Theory and Applications–Part I, New Delhi: Kusum Lata Publications.
2. Micro Economics: Theory and Application–PartII, New Delhi: Kusum Lata Publications.

Anil Kumar

Books

1. Kumar, Anil; L.C.Gupta and Jain, Naveen (2006). *Indian Share Buyback Practices and their Regulations: Effect on Share Prices, Dividends and Corporate Finance*. Society for Capital Market Research and Development, New Delhi
2. Kumar, Anil (2012) *Corporate Governance: Theory and Practice*, New Delhi: International Book House
3. Kumar, Anil (2012) *Company and Compensation Laws*’ International Book House, New Delhi.
4. Anil Kumar and Jyotsna Arora (2013) *Corporate Governance, Business Ethics and CSR*, International Book House, New Delhi.

5. Anil Kumar (2014) *Performance Effects of Corporate Governance Code* Scholars Press Germany.
6. Kumar, Anil (2016) *Industrial Law*, International Book House, New Delhi.
7. Corporate Governance (Chapter 1-7, Module 4) in Edited Volume of Indian Institute of Corporate Affairs, Government of India. Published by Taxmann, 2015
8. Kumar, Anil (2017) '*Corporate Laws*', Taxmann, New Delhi.
9. Kumar, Anil (2017) '*Governance, Ethics and Social Responsibility of Business*', Taxmann, New Delhi

Research Articles

1. Kumar, Anil. "Audit Committee: A cross Country Analysis "Chartered Accountant, Vol.56, No.04, October, 2007, pp.574-585.
2. "Indian Code of Corporate Governance: A Critique", GGU Journal of Business, Vol.2 (I), June 2006, pp.75-84.
3. "Chairman & CEO: One job or Two?", Business Analyst, Vol.3(I), October, 2009.
4. Corporate Governance Practices in Asia, national Foundation for Corporate Governance, Government of India, New Delhi

Paper Presentations

1. 20th Asian-Pacific Conference on 'International Accounting Issues' held at Paris in November, 2006 'Independent Directors and Corporate Performance; Indian Evidence'.
2. XXIX All India Accounting Conference and International Seminar held at New Delhi in December 2006 'Financial Reporting Review. International Practices'.
3. National Conference on Corporate Law held at New Delhi in December 2009 'Functioning and Effectiveness of Corporate Boards in India'.
4. 2nd International Conference on Accounting and Finance held May 2010 at Namibia organized by the University of Namibia, 'Role of Independent Directors on Corporate Boards in India: An Empirical Study'.
5. 10th International Conference on Emerging Global Trends and Future Challenges in Economic Development held in January, 2011 at Jaipur organized by the Rajasthan Chamber of Commerce & Industry and Research Development Association/Corporate Governance: Indian Perspective'.
6. 13th Asian-Pacific Conference on 'International Accounting Issues' held at Beijing in October, 2011 'Promoters Ownership and Performance of Companies in India'.
7. Presented paper on Corporate Governance Code at the Third World Finance conference held in Rio de Janeiro, Brazil in June 2012.
8. Keynote address on 'Corporate Governance Issues on Family Business' in International Conference in Advances in Business and Information Technology & Doctoral Colloquium held in Kigali, Rwanda (Africa) on March 1-2, 2017.

Anuradha Agarwal

Journal Articles

1. **“Foreign Institutional Investment Flows and Equity Returns in India”**, The Business Analyst, October – March 2007-08, Vol. 2, No. 2, Pages 1-11, ISSN 0973-211X.
2. **“Testing the Day of the Week Effect in five Asian Countries”**, Emerging Trends and Contemporary Issues in Finance, February 2016, Vol. 1, No. 1, Pages 127-139, ISBN 978-93-5254-818-7.
3. **“Institutional Investors – Foreign and Domestic and its Impact on the Stock Market Volatility on India”**, Achieving Excellence in Management & IT, Jan-Jun 2017, Vol. 14, No. 1, ISSN 0973-824X.

Books/Chapters in books

1. **“Computer application I”**: Programming through Visual Basic”, *Mayur Paperbacks*, 2007, ISBN:81-7198-072-4. prescribed for Bachelor of Business Administration III Sem. in Guru Gobind Singh IP University.
2. **“Computerised Accounting”** *Mayur Paperbacks*, 2011, ISBN:81-7198-052-X, a supplement of Financial Accounting, Mr. J. R. Monga.
3. **“Computer Application II”**: Web Technology, HTTP and HTML (Concepts)”, *Mayur Paperbacks*, 2013, ISBN:81-7198-169-0 prescribed for Bachelor of Business Administration IV Sem. in Guru Gobind Singh IP University.
4. “Components of Computer: Hardware and Software”, Information Technology, University Press (India) Pvt. Ltd., 2013, Pages 19-21, ISBN 978-81-7371-900-4.
5. “Introduction to HTML”, Central Board of Secondary Education, April 2014, First Edition, Class IX, Pages 58-69.
6. “HTML”, Central Board of Secondary Education, April 2014, First Edition, Class IX, Pages 70-95.
7. “Projects using HTML” Central Board of Secondary Education, April 2014, First Edition, Class IX, Pages 119-130.

Arjun Mittal

Books

1. Authored Book Titled ‘International Business’, Ed.2019, Scholar Tech Press, MKM Publishers Pvt. Ltd., New Delhi
2. Authored Book Titled ‘International Business’, Ed.2018, Scholar Tech Press, MKM Publishers Pvt. Ltd., New Delhi
3. Authored Book Titled ‘Banking & Insurance’, Scholar Tech Press, MKM Publishers Pvt. Ltd., New Delhi
4. Authored Book Titled ‘Insurance & Risk Management, Scholar Tech Press, MKM Publishers Pvt. Ltd., New Delhi
5. Co-Authored Book Titled ‘Foreign Trade’, Mayur Paperbacks, Indirapuram
6. Co-Authored Book Titled ‘Economic Theory’, Kitab Mahal Publications, New Delhi
7. Co-Authored Book Titled ‘Business Economics’, Mayur Paperbacks, Indirapuram
8. Co-Authored Book Titled ‘Public Finance & Statistics’, Ed.2017, Kitab Mahal Publications, New Delhi
9. Co-Authored Book Titled ‘Micro Economic Theory’, Ed.2017, Kitab

Mahal Publications, New Delhi

10. Co-Authored Book Titled 'Macro Economic Theory', Ed.2017, Kitab Mahal Publications, New Delhi
11. Co-Authored Book Titled 'Managerial Economics', Ed.2017, Mayur Paperbacks, Indirapuram
12. Co-Authored Book Titled 'Money Banking and International Trade', Ed.2017, Kitab Mahal Publications, New Delhi
13. Co-Authored Book Titled 'International Economics', Ed.2016, Kitab Mahal Publications, New Delhi

Research Articles

1. Authored a paper titled, Dynamic Currency Linkages between Select Emerging Market Economies: An Empirical Study. *Cogent Economics & Finance*, 7(1), 1–31. <https://doi.org/10.1080/23322039.2019.1681581>
2. Co-Authored a paper titled, Dynamic Linkages between BRICS and Other Emerging Equity Markets. *Theoretical Economics Letters*, 9(1), 2636–2666.
3. Co-Authored a paper titled Sri-Lanka: A Nation in Socio-Political-Economic Turmoil. *International Journal of Research in Engineering, IT and Social Sciences*, 09(04), 127–130.
4. Co-Authored a paper titled, Blockchain Technology: A Compendious Overview. *International Journal of Innovative Knowledge Concepts*, 7(4), 260–266.
5. Co-Authored a paper titled, 3R's of E-Waste in India: A Primary Survey. *Asian Resonance*, 8(2), 45–51.
6. Co-Authored a paper titled, Research in India: Challenges and Opportunities. *International Journal of Management, IT & Engineering (UGC)*, 9(6(2)), 300–309.
7. Co-Authored a paper titled, Tara Akshar Program: Field Analysis, Impact and Future Potential. *International Journal of Modern Electronics and Communication Engineering (IJMECE)*, 7(3), 187–191.
8. Co-Authored a paper titled, Agricultural Economics: The Future of Economic Growth in India. *International Journal of Research and Analytical Reviews*, 6(2), 791i-803i.
9. Co-Authored a paper titled, Public Sector Undertakings in India: Looking Back and Ahead. *International Journal of Management, IT & Engineering*, 9(3), 129–141.
10. Co-Authored a paper titled, India's Development Policy: Role of Innovation & Technology. *Research Review International Journal of Multidisciplinary*, 3085(06), 458–462.
11. Co-Authored a paper titled, Depreciation of INR: Causes and Impact on Indian Economy. *International Journal of Management Studies*, VI(4), 97–104. <https://doi.org/10.18843/ijms/v6si4/13>
12. Co-Authored a paper titled, Gandhian Economic Philosophy. *International Journal of Social Science and Economic Research*, 04(03), 1968–1978. Retrieved from www.ijsser.org
13. Co-Authored a paper titled, Dragon” vs “Elephant”: The Battle of Economic Supremacy. *Journal of Social Welfare and Management*, 11(1), 37–44.

14. Co-Authored a paper titled, Corruption in India: An Incessant Battle. *International Journal of Research in Social Sciences*, 9(4(2)), 138–146.
15. Co-Authored a paper titled, Education Policy in India. *International Journal of Innovative Studies in Sociology and Humanities*, 6(4), 127–132.
16. Co-Authored a paper titled, GST: A Revolutionary Reform in Indian Taxation System. *Remarking An Analisation*, 4(1), 61–67. <https://doi.org/10.4236/tel.2019.97166>
17. Authored a paper titled, Bond Market Linkages In BRICS. *Journal of Management Research and Analysis*, 6(01), 318–327.
18. Co-Authored a paper titled, Performance Evaluation of Equity Mutual Fund Schemes: A Comparative of AMCS in India. *International Journal of Information Technology and Management Vol. VIII, Issue No. XII, May-2015, ISSN 2249-4510*
19. Co-Authored a paper titled, Demographic Dividends in India’s Perspective. *International Journal of Management, IT & Engineering Vol. 8 Issue 12(2), December 2018, ISSN: 2249-0558*
20. Co-Authored a paper titled, The Venezuela Crisis. *Review of Research*, 2(2), 1–11. <https://doi.org/10.15365/joce.0202132013>
21. Co-Authored a paper titled (2018). India’s Jobless Growth. *International Journal of Research in Social Sciences*, 8(12(2)), 167–174.
22. Co-Authored a paper titled (2018). Ethics and economics. *Shodh Sarita*, 4(16), 161–165. <https://doi.org/10.1017/CBO9780511800511.004>
23. Co-Authored a paper titled (2018a). Cashless-Faceless-Paperless: Digital India. *Shrinkhla Ek Shodhparak Vaicharik Patrika*, 6(4), E1–E7.
24. Co-Authored a paper titled (2018b). Demonetization: A Dual Edged Sword. 4(2017), 1754–1759.
25. Co-Authored a paper titled. (2018c). Financial Inclusion: The Road to India’s Development. *Remarking An Analisation*, 3(9), 13–17.
26. Authored a paper titled. HRM issues in Social Entrepreneurship. *IRJMSH*, 4(3).
27. Authored a paper titled. (2013). Internationalization of Business: A concept of modern era. *International Research Journal of Commerce Arts and Science*, 4(3), 382–401.
28. Authored a paper titled (2014a). How inflation adds to the sufferings of the common man. *Peace Economics, Peace Science and Public Policy*, 4(3), 485–499. <https://doi.org/10.2202/1554-8597.1014>
29. Authored a paper titled. (2014b). Role of IT in Sustainable Development. *Role of IT in Sustainable Development*, 4(4), 386–399.
30. Pandey, A., Sehgal, S., & Mittal, A. (2019). Board Busyness and Firm Performance: Evidence from India. *Theoretical Economics Letters*, 453–476. <https://doi.org/10.4236/tel.2019.93032>
31. Authored a paper titled. (2013), E- Commerce: Its Impact on Consumer Behaviour. *Global Journal of Management and Business Studies*. ISSN 2248-9878 Volume 3, Number 2 (2013), pp. 131-138
32. Authored a paper titled. (2014), Role of Marketing Mix for Indian Marketers. *Global Journal of Finance and Management*. ISSN 0975-6477 Volume 6, Number 3 (2014), pp. 191-196 © Research India Publications ISSN 0975-6477
33. Authored a paper titled. (2015-2016), Pricing Relationship between Oil and Natural Gas. *Business Analyst Vol. 36, Issue 2, October 2015 - March 2016, pp. 185-197. ISSN 0973-211X*

34. Asheesh Pandey, Anand Mittal & Arjun Mittal | Walid Mensi (Reviewing editor) (2021) Size effect alive or dead: Evidence from European markets, Cogent Economics & Finance, 9:1, DOI: 10.1080/23322039.2021.1897224

Chapters in Books

1. Co-Authored a chapter: Risk Perception and Asset Holdings: From Beliefs to Actions in Contemporary Issues in book Titled Business and Economy 2016, pp. 1-14, Regal Publications, Delhi, ISBN 978-81-8484-595-2
2. Authored a chapter: Theory of Inflation in a Book titled Business Economics, ed 2015, Kitab Mahal Publishers, New Delhi, ISBN 978-81-225-0752-2
3. Authored a chapter: Economic Growth and Economic Development (Ch.2) in a Book titled Economic Development and Policy in India, ed 2014, Kitab Mahal Publishers, New Delhi, ISBN 978-81-225-0704-1
4. Authored a chapter: Growth and Development (Ch.2) in a Book Titled Indian Economy, ed 2015, Kitab Mahal Publishers, New Delhi, ISBN 978-81-225-0753-9
5. Authored a chapter: Foreign Trade of India (Ch.17) in a Book Titled Indian Economy. Ed 2014, Kitab Mahal Publishers, New Delhi, ISBN 978-81-225-0705-8
6. Authored a chapter: Value of Money and Inflation (Ch.10) in a Book Titled: Industrial Economics and Principles of Management. Ed 2017, Kitab Mahal Publishers, New Delhi, ISBN 81-225-0477-9
7. Authored a chapter: Elasticity (Ch.4) in a Book Titled Managerial Economics, ed 2014, Kitab Mahal Publishers, New Delhi, ISBN 978-81-225-0731-7

Aruna Jha

Books

1. Jha Aruna. Elements of Auditing. 1stEd. New Delhi: Taxmann, 2004.
2. Students Guide to Auditing. 3rd Ed. New Delhi: Taxmann, 2004.
3. Auditing and Corporate Governance. 4th Ed. New Delhi: Taxmann, 2021.

Abhay Jain

Research Article

1. Jain, Abhay.” Factors Influencing Mobile Service Adoption in Rural India” Asia Pacific Journal of Rural Development, Centre on integrated Rural Development for Asia and Pacific Vol. X VII No.1, July 2007, pp.17-28.

Astha Dewan

Paper Presentations

1. The paper on “Women Empowerment: The Changing Face of Indian Society” was presented at the International Conference on “Empowerment of Women in Developing World”, organized by Shivaji College, University of Delhi on Apr 1-2,2013 at Delhi, India.
2. The paper on “Wal-Mart’s Entry Strategies in India: A Move towards Sustainable Development” was presented at the International Conference

- on “Managing MNE Dynamics and Sustainable Development: Best Strategies, Practices and Models”, organized by Shaheed Bhagat Singh Evening College, University of Delhi on Dec12- 14,2012at Delhi, India.
3. The paper on “FDI in Multi-Brand Retail: A Consumer Perspective” was presented at the International Conference on “Marketing Paradigms in Emerging Economies”, organized by Faculty of Management Studies, Banaras Hindu University, on Dec 4- 5,2012 at Varanasi, India.
 4. The paper on “Effect of Mergers and Acquisitions on Operating Performance: A Study of Acquiring Firms in India” was presented at the Fourth Annual Business Research Conference, organized by World Business Institute, Australia and BCA Australia & New York, USA on June 4-5,2012 at Adelphi University, Manhattan Campus, New York, USA.
 5. The paper on “Solving the Gender Gap through Work Life Balance: A Case of State Bank of India” “Transformational Leadership” organized by Shri Ram College of Commerce, University of Delhi, India.
 6. The paper on “Microfinance: A Tool of Financial Inclusion” was presented at the National Seminar on “Shifting Gears; Jump starting a Slowing Indian Economy”, organized by Delhi College of Arts & Commerce, University of Delhi on Jan14-15, 2013 at Delhi, India.
 7. The paper on “Role of FDI in Multi Brand Retail in India: An Empirical Analysis” was presented at the National Conference on “FDI in India: Response and Challenge”, organized by Shaheed Bhagat Singh College, University of Delhi on Nov 5-6, 2012 at Delhi, India.
 8. The paper on “Women Empowerment through Self Help Group” was presented at the National Seminar on “Corporate Social Responsibility – A Gender Perspective”, organized by Lady Shri Ram College for Women, University of Delhi on Oct 25- 26,2012 at Delhi, India.
 9. The paper on “Corporate Governance - Corporate Social Responsibility: Complementary or Substitutes?” was presented at the National Seminar on “Corporate Social Responsibility Issues and Challenges”, organized by Kirori Mal College, University of Delhi on Aug 24-25, 2012 at Delhi, India.
 10. The paper on “Impact of Organizational Culture on Mergers and Acquisitions” was presented at the National Seminar on “Mergers and Acquisitions in Global Scenario”, organized by Kamala Nehru College, University of Delhi, on Aug 17-18, 2012 at Delhi, India.
 11. The paper on “Self Help Group – Bank Linkage Model: Performance and Social Trade- off” was presented at the National Seminar on “The Future of Corporate Finance in India”, organized by Delhi College of Arts & Commerce, University of Delhi on Mar 22-23, 2012 at Delhi, India.
 12. The paper on “A Review of Micro Finance Model: SHG-Bank Linkage Programme” international conference on “India 2020: Vision for the Financial Sector” organized by Sri Guru Gobind Singh College of Commerce, University of Delhi, on March 10- 11, 2014at Delhi, India.
 13. The paper on “Corporate Governance Practices and their Impact on Firms Performance: Evidence from IT Sector in India” was presented at the Asian Conference on “Corporate Governance and Business Sustainability” organized by Shri Ram College of Commerce, University of Delhi and Assumption University of Thailand on Oct 7-9, 2013 at Bangkok, Thailand.
 14. The paper on “Self Help Group – Bank Linkage Model: Performance and Social Trade off” was presented at the National Conference on “Challenges of

Development: Re- Visit to Inclusiveness”, organized by Zakir Husain Delhi College, University of Delhi, on Jan 17-18, 2014 at Delhi, India.

Books

1. Dewan, Astha, Role of Company Secretaries - a New Perspective. The Institute of Company Secretaries of India 2010.
2. Dewan, Astha, “Performance of Self Help Group – Bank Linkage Model: A Critique”. Financial Inclusion: New Paradigms, ed. Dr M.A. Beg: Navyug Books International, Delhi, 2014.14-24. Print.

Research Papers

1. “Global Economic Crises: Impact on Micro finance”. Professional Banker, (a monthly banking digest from the Institute of Chartered Financial Analysis of India (ICFAI) University Press) March 2010.
2. “Microfinance: A Tool of Socio-economic Development from Below?” Business Analyst, April - September, 2009.
3. “Segment-wise Role of Company Secretaries: A study”. Chartered Secretary, a monthly journal published by the Institute of Company Secretaries (ICSI), New Delhi, November, 2007.
4. The paper on “Human Right to Safe Drinking Water” has been accepted for publication in book titled Human Rights in Changing Times by Cambridge Scholars Publishing, U.K.
5. Research paper titled “A Quantitative as well as Qualitative Study of CSR in the Selected Companies of IT sector based in India” got published in a peer reviewed Business Analyst Journal July-December 2020 Vol 41 (2)
6. Research paper titled “A Systematic review of Management as well as Marketing Perspective of CSR: Future Research Agenda” got published in a conference proceeding with ISBN of International Conference on Sustainable Business Management Practices and Social Innovation ICSBMPSI-2021
7. Research paper titled “Corporate Social Responsibility in the Information Technology Sector: A Qualitative Study on CSR in Selected Companies in India” got published in a peer reviewed Presidency Journal of Management Thought and Research, July-December 2020 Vol X (2)

Avinash Jha

1. Jha, A. K. Beauty Contest and Learning in Rational Expectations Based Stationary State.
2. Jha, A. K. Absence of Financial Sector in Modern Macroeconomics: Oversight or Overlook.

Anju Verma

Research Publications

1. Paper titled “Industry 4.0: reshaping the future of HR” published in Scopus indexed Strategic Direction journal, 2020, 9-11, Volume 36 Issue 5, ISSN 0258-0543

2. Paper titled “Tiktok: From Global Fame to Global Ban—A Review” published in ABDC indexed Computer and Telecommunications Law Review journal, 2020, 230-231, Volume 26 Issue 8, ISSN: 1357-3128
3. Paper titled “HR factors for the successful implementation of Industry 4.0: A systematic literature review” accepted in Scopus/ABDC/WoS indexed Journal of General Management, 2021, ISSN 0306-3070 DOI:10.1177/03063070211019141

Paper Presentation

1. Presented paper titled “HR factors for the successful implementation of Industry 4.0” at the 24th Nirma International Conference on Management (NICOM 2021) on Industry 4.0: Reinventing Human Resource Management for Organizational Effectiveness organized by Institute of Management, Nirma University, Ahmedabad held at Institute of Management, Nirma University, Ahmedabad during January 07-09, 2021.

C.S. Sharma

Research Papers Published

1. Workplace Deviant Behaviour in Response to Breach of Psychological Contract: The Mediation Effect of Moral Disengagement. Ramanujan International Journal of Business and Research, 2020, Volume 5, 71–86. ISSN: 2455-5959 DOI No. <https://doi.org/10.51245/rijbr.v5i1.2020.217> UGC care list II- Group D
2. Moderating Impact of Foreign Financing Government Ownership, Firm-Liquidity and Size on Leverage. Finance India, June 2021, Volume 35, Issue 2, 349-374 ISSN 0970 – 3772 Scopus Indexed.
3. Foreign Direct Investment in Multi Brand Retail in India – An Interpretative Phenomenological Analysis. Business Analyst. Volume 41, Issue 1, Jan-June 2020. ISSN 0973-211X.
4. An Empirical Assessment of Quantitative Factors Determining dividend policies of listed firms in India. Primax International Journal of Commerce and Management Research, Volume 8, Issue 2, July-September 2020. ISSN: Print ISSN: 2321-3604 Online ISSN: 2321-3612 DOI 10.17605/OSF.IO/VPR9U

Resource Person

1. At the Faculty Development Programme at JIMS Kalkaji on 'Leveraging Data Analysis Tools for Effective Research paper Writing'. Held from November 2, 2020 to November 12, 2020. Topic: Quantitative data analysis 2: Linear Regression Modeling, Regression analysis, Multiple regression analysis, Multicollinearity, Homoscedasticity. Session conducted on November 4, 2020.
2. Delivered the Keynote address at National Webinar on Opportunities and Challenges of Atma Nirbhar Bharat on June 30, 2020 at Yashwantrao Chavan College, Ambajogai, Beed, Maharashtra.
3. At the UGC sponsored One-month online Faculty Induction Programme-3 [November 18 to December 23, 2020] organised by Human

Resource Development Centre (Erstwhile Academic Staff college) On the topics: Understanding Self and Resilience and Social Intelligence & Diversity Management in Classroom on December 8, 2020.

Deepashree

Books

1. Introductory Micro economics, GE in Eco – I (CBCS), Scholar Tech Press, July 2019.
2. Micro economics, B. Com (H), Sem – I, BCH GE-1 (a) (CBCS), Scholar Tech Press, July 2019.
3. Principles of Micro economics - I, Sem – I, (CBCS), Scholar Tech Press, July 2019.
4. General Economics, CA Examination Series, for CPT, McGrawHill.
5. MCQs in Economics for CACPT, McGrawHill.
6. Managerial Economics, Ane Books.
7. Business Economics, BBA, Maximax, July 2019.
8. Principles of Microeconomics-II, Sem – II, Scholar Tech Press, January 2020.
9. Principles of Macroeconomics-II, Sem – II, Scholar Tech Press, January 2020.
10. Indian Economy: Performance and Policies, Semester IV, Scholar Tech Press, July 2019.
11. Microeconomics-Theory and Applications, Part-I, Scholar Tech Press, July 2019.
12. Introductory Macroeconomics, GE in Eco – II (CBCS), Scholar Tech Press, January 2020.
13. Microeconomics – Theory and Applications, Part-II, Scholar Tech Press, July 2019.
14. Macroeconomics for BBA, Sem- III, Scholar Tech Press, July 2019.
15. Principles of Macroeconomics-I, Semester III, Scholar Tech Press, July 2019.
16. Economic Development in India, Scholar Tech Press, July 2019.
17. Macroeconomics, B. Com (H), Sem – II, BCH GE-2 (a), Scholar Tech Press, January 2020.
18. Macroeconomics, Scholar Tech Press, July 2019.
19. Principles of Economics, Sem - I, Scholar Tech Press, July 2019.
20. Introductory Micro Economics, New Saraswati House for Class –XII, April 2019.
21. Introductory Macro Economics, New Saraswati House for Class –XII, April 2019.
22. Indian Economy, New Saraswati House for Class–XI, April 2019.
23. Numerical Problems in Economics, New Saraswati House for Class–XII, April 2019.
24. Economic Development and Policy in India–I, Semester–V, Scholar Tech Press, July 2019.
25. Economic Development and Policy in India–II, Semester–VI, Scholar Tech Press, January 2020.

Published Research Papers

1. "Demand Projection for Vanaspati, from 1986 to 1991", Vyapar Bharti, November 30, 1983.
2. "Privatization Techniques — A Critical Appraisal", Indian Journal of Public Enterprises. 12.21, December, 1996.
3. "Impact of Privatization in Latin America", Business Analyst (17.1), January-June, 1997.
4. "Economic Reforms and Development in Malaysia", Business Analyst (18.2), July – December, 1997.
5. "Privatization of Public Enterprises: Korean Experience", Trends in Social Science Research, (5.1), June, 1998.
6. "Privatization Implementation: Issues and Concept", Business Analyst, (22.2), July-December, 2001.
7. "Methods of Privatization", Business Analyst, (24.1), January-June, 2003.
8. "Integration of MSMEs with Global Value Chains", Indian Journal of Research, July – December, 2014.

Dipika Bansal

Resource Person

1. Served as resource person on "Introductory Accounting" at Indian Corporate Law Services Academy, Indian Institute of Corporate affairs, Manesar, Haryana as part of thirty-hour training programme. Also served as study material coordinator for the same.
2. Served as resource person on 'Advanced Accounting' at Indian Corporate Law Services Academy, Indian Institute of Corporate affairs, Manesar, Haryana as part of thirty-hour training programme. Also served as study material coordinator for the same.
3. Served as resource person on 'Accounting for Derivatives' at Indian Corporate Law Services Academy, Indian Institute of Corporate affairs, Manesar, Haryana as part of thirty-hour training programme.
4. Delivered one-hour lecture on "International Financial Reporting Standards: The Road Ahead" as part of ARPIT Refresher Course on Commerce, MOOC platform Swayam, MHRD, available at: https://onlinecourses.swayam2.ac.in/arp19_ap64/unit?unit=16&lesson=25
5. Served as visiting faculty on subject titled Accounting for Business-1, Semester 2, for PG Diploma in Global Business Operations (GBO), Shri Ram College of Commerce, University of Delhi.

Gaurav Sharma

Published Papers

1. Sharma, G.; Kapoor, H.; Chopra, M.; Kumar, K. & Agrawal, V. (2014) Strong larvicidal potential of *Artemisia annua* L. leaf extract against malaria (*Anopheles stephensi* Liston) and dengue (*Aedes aegypti* L.) vectors and bioassay driven isolation of the marker compounds. Parasitology Research 113: 197-209 (ISSN 0932-0113, Impact Factor 2.852).
2. Pandey, V.; Sharma, G.; Shankar, V. & Agrawal, V. (2014) Biodiversity and *in vitro* Conservation of Three Medicinally Important Herbs *Spilanthes*

- acmella* L. var. *oleraceae* Clarke, *S. calva* L. and *S. paniculata* Wall ex DC. Journal of Herbs, Spices and Medicinal Plants 20: 295-318 (ISSN 1049-6475).
3. Sharma, G. & Agrawal, V. (2013) Marked enhancement in the artemisinin content and biomass productivity in *Artemisia annua* L. shoots co-cultivated with *Piriformospora indica*. World Journal of Microbiology and Biotechnology 29: 1133-1138 (ISSN 0959-3993, Impact Factor 1.262).
 4. Pandey, V.; Sharma, G.; Shankar, V. & Agrawal, V. (2013) *In vitro* bio-control of malarial and filarial vectors using crude extract and isolated fractions of medicinal herbs (*Spilanthes* spp.) and characterization of the larvicidal compounds. Acta Horticulturae 972: 87-95 (ISSN 0567-7572).
 5. Hellert, A.; Sharma, G.; Kumar, K. & Agrawal, V. (2012) Exploration of larvicidal activity of *Vernonia anthelmintica* (L.) wild seed crude extracts in different solvents against malaria (*Anopheles stephensi*) and dengue (*Aedes aegypti*) vectors. **Malaria Journal** 11(Suppl 1): P46 (ISSN 1475-2875, Impact Factor 3.40).
 6. Sharma, G.; Kumar, K.; Sharma, A. & Agrawal, V. (2012) Bioassay of *Artemisia annua* leaf extracts and artemisinin against larvae of *Culex quinquefasciatus* and *Culex tritaeniorhynchus*. Journal of American Mosquito Control Association 28: 317-319 (ISSN 8756-971X, Impact Factor 0.755).
 7. Shankar, V.; Thekkeetil, V.; Sharma, G. & Agrawal, V. (2012) Alleviation of heavy metal stress in *Spilanthes calva* L. (antimalarial herb) by exogenous application of glutathione. In Vitro Cellular Developmental Biology - Plant 48: 113-119 (ISSN 1054-5476, Impact Factor 1.139).
 9. Shankar, V.; Sharma, G.; Kumar, M. & Agrawal V. (2012) Alleviation of salt induced phytotoxicity on in vitro germination and morphogenesis of four chickpea genotypes through benzyladenine. International Journal of Pharma and Biosciences 3: 198-211 (ISSN 0975-6299, Impact Factor 0.67).
 10. Sharma, G.; Shankar, V.; Heikrujam, M. & Agrawal, V. (2011) Evaluation of genetic fidelity among micropropagated plants raised through long-term nodal cultures of elite clone of *Artemisia annua* L. using DNA based RAPD markers. Phytomorphology 61: 135-141 (ISSN 0031-9449).
 11. Sharma, G.; Shankar, V. & Agrawal, V. (2011) An efficient micropropagation protocol of an elite clone EC-353508 of *Artemisia annua* L., an important antimalarial plant. International Journal of Pharma and Biosciences 2: 205-214 (ISSN 0975-6299, Impact Factor 0.67)

Patents filed

1. Patent Application No. 566/DEL/2012 titled "A novel herbal formulation for the biocontrol of filarial (*Culex quinquefasciatus*) and Japanese encephalitis (*Culex tritaeniorhynchus*) vectors using leaf-chloroform extract of *Artemisia annua* L. and methods thereof"
2. Patent Application No. 2122/DEL/2011 titled "Novel herbal extract of *Artemisia annua* L. possessing strong anti-cancerous activity against oral human cancer cell line"

Harendra Nath Tiwari

Books

1. Tiwari, H. N. and Jain, H. C. Fundamentals of Computers and Information system, New Delhi, International Book House,2013.
2. Goyal, B.K. and Tiwari, H.N. Financial Accounting, New Delhi, International Book House, 2012.
3. Tiwari, H.N. and Mohan, Puneet. Business Studies for XI class, New Delhi Sun India Publications, 2007.
4. Business Studies for XII class, New Delhi: Sun India Publications,2007. Tiwari, H.N. and Jain, H.C. Introduction to Essential Tools, International Book House, 2013

Himani Dahiya

Research Paper Published

1. Paper titled **“Mobile Banking Services Adoption: An Exploratory Study”** published in UGC listed Journal ‘Business Analyst’ of Shri Ram College of Commerce, 2018, 169-189, Volume 38, Issue. 2, ISSN 0973-211X.

Case Study Published

1. Case study titled **“Paytm- The Exemplar of Digital Revolution in the Indian Market”** published in J-Gate indexed Journal ‘Effulgence’ of Rukmini Devi Institute of Advanced Studies, 2020, 77-86, Volume 18, Issue. 1, ISSN (P) 0972-8058.

Research Paper Presented

1. Presented paper titled **“An exploratory study of post adoption consumer behaviour towards mobile payment services”** at the one-day International Research Conference on **“Reimagining Business - Challenges and Responses”** organized by Indo-Gulf Marketing Association held at London (online), September 26, 2020.

Lectures Delivered as a Guest Speaker

1. On **“Entrepreneurship and Its Various Dimensions”** at Kathmandu Model College, Nepal, July 3, 2019.
2. On **“Business Strategies for Success: A Case Scenario of Telecom Sector”** at Tribhuvan University, Nepal, July 4, 2019.
3. On **“Building Sustainability into Services Marketing”** at Lumbini Banijya Campus, Nepal, July 5, 2019.

Hijam Liza Dallo Rihmo

Publications

1. China’s Pervasive Power: An Overview on Indo-Pacific Equation. Review of Research. Vol.7, no. 12, 2018. ISSN:2249-894X
2. Development of China’s Transition from Ocean’s Economy to Blue Economy: Opportunities and Challenges. International Journal of

Book Reviews

1. Liza Dallo Rihmo Hijam, International Climate Negotiations: Processes and Politics, *International Studies Review*, Volume 23, Issue 1, (2021): Pages 221– 222, <https://doi.org/10.1093/isr/viaa067>
2. Rihmo, Hijam Liza Dallo. "Identity, Conflict and Politics in Turkey, Iran and Pakistan." *InsightTurkey* 21.4 (2019): 243-245.
3. Rihmo, Hijam Liza Dallo. "Environmental Protection and Transitions from Conflict to Peace by Carsten Stahn, Jens Iverson, and Jennifer S. Easterday (eds.)." *Human Rights Review* 20.1 (2019): 143-144.

E-Content Resources Publication

1. Ecological Issues: Historical Overview of International Environmental Agreements, Climate Change, Global Commons Debate, Unit 2-a, Paper X: Global Politics. School of Open Learning, University of Delhi. (2021) <https://web.sol.du.ac.in/info/cbcs-resources>
2. Liberalism, Unit 2-b, Paper VII: Perspectives on International Relations and World History. School of Open Learning, University of Delhi. (2020) <https://web.sol.du.ac.in/info/cbcs-resources>
3. Feminist Perspectives, Unit 2-d, Paper VII: Perspectives on International Relations and World History. School of Open Learning, University of Delhi. (2020) <https://web.sol.du.ac.in/info/cbcs-resources>

Magazine

1. Is Monogamy the only Right Way for Relationships? Youth Ki Awaaz, April, 2018. <https://www.youthkiawaaz.com/2018/04/monogamy-a-silent-institution/>

Conferences and Seminars

1. "Construction of Climate Change Threat in India" at the International Conference organized by International Political Science Association World Congress held virtually, 10th-15th July, 2021
2. "Re-reading Indian Democracy: Analyzing Citizenship Amendment Act and Ethnic Identity" at the International Conference organized by International Studies Association Annual Conference held virtually, 6th-9th April, 2021.
3. "Mapping India's Future in Blue Economy" at the National Conference organized by Jawaharlal Nehru University held at New Delhi, 30th January-1st February, 2019.
4. "Development of China's Transition from Ocean's Economy to Blue Economy: Opportunities and challenges," at the National Conference organized by Goa University and Institute of China Studies held at Goa University, 12-14th December, 2017.
5. "The Pervasive China's Power: An Overview on Asia-Pacific Power Equation," International Conference organized by International Studies

Association and University of Hong Kong held at Hong Kong, 15th - 17th June, 2017.

6. "Epistemic Injustice in the Politics of Climate Change: A Perspective from the Global South" University Conference organized by CIPOD Young Scholars, Jawaharlal Nehru University, held at New Delhi, 16th-17th March, 2017.
7. "Deconstruction of India's Cooperation and Competition strategy in the latest Development of AIIB" National Conference organized by University of Mumbai and Institute of China Studies at the 9th All India Conference of China Studies held at Mumbai, 12th-14th December, 2016.
8. "Threat perception in International Politics: Analysing Theoretical Debates" International Conference organized by International Studies Association and Jagiellonian University at the Interdisciplinary Approaches to Security in the Changing World held at Krakow, Poland, 18th-20th June, 2015.

Certificates

1. Certificate course for Justice at Harvard EdX online, 2021.
2. Attended Buddhist Philosophy Programme at Tibet House, New Delhi, 2016.

Grants and Awards

1. International Studies Association 2021 Virtual Facilitation Grant, 2021
2. Field Trip Grant by Jawaharlal Nehru University, 2017
3. Maulana Azad National Fellowship, 2013-2018
4. National Eligibility Test for Lectureship, 2011

Jaideep

Papers Published

1. Creating Value Based Organizational Environment Through Integral Leadership - Published in the IUP Journal of Organizational Behavior, Vol. 2 XVIII, No. 2, 2019.
2. Service-Oriented Leadership Style for CSR: A Perceptions-Based View- Published in the IUP Journal of Business Strategy, Vol. 2 XV, No. 2, 2018.
3. Constructing CSR through Servant Leadership for Sustainable Development – Published in International Journal on Spirituality & Organizational Leadership ISSN:2320-222X Vol. 4 No.2 pp 32-47.(2016)
4. Servant Leadership for Sustainable Organizational Development : Some Thoughts- Published in International Journal on Spirituality & Organizational Leadership ISSN:2320-222X Vol. 2 No.1 pp125-139.(2014)

Conferences/Seminars/Workshops/STCS Attended

1. Attended and Completed a Collaborative Online International Learning (COIL) course on "Vasudhaiva Kutumbakam" between India and the U.S.A. (2020)

2. Presented case study on “Corporate Social Responsibility- A Study of Soap for Hope” in the Empowering Methodologies for Management Research Conference, at the Open University, Milton Keynes, United Kingdom, during 29th to 30th May, 2019.
3. Presented a paper entitled “Spirit centric approach for creating inclusive societies” in International Academic Conference Creating Inclusive Organizations: Spirituality Innovation and Sustainability organized by Academy of Value Based Management, a unit of ISOL Foundation on June7, 2019 at Said Business School, University of Oxford, United Kingdom.
4. Paper entitled “Role of Traditional Knowledge and Cultural heritage in Sustainable Development” presented in International Conference on Global Climate Change and Eco System Management: Culture, Traditions and Nature during March 10, 2018 at Indian Institute of Public Administration, New Delhi.
5. Paper entitled “Service Oriented Leadership for Corporate Social Responsibility & Sustainable Development” presented in International Conference on Global Climate Change and Eco System Management: Insights from Ancient Wisdom Traditions during August 28-29, 2017 at Chinmaya Vedanta Heritage Centre, Ontario, Canada.
6. Assisted and Participated in the International Conference on Rethinking Management Education: From Chanakya to Adam Smith during May 6-7, 2017 at India International Centre, New Delhi.
7. Participated in the 2nd International Conference on Business Social Partnership: Towards Value Based Social Engagement during September 7-9, 2013 at Kirorimal College, University of Delhi.
8. Attended & Completed the QIP Short Term Course on “Case Based Learning in Business & Management” held during June 5 - 9, 2011 in the Department of Management Studies, IIT Roorkee.
9. Attended & Completed the QIP Short Term Course on “Decision Making Techniques for Engineering & Management” held during March 7-11, 2011 in the Department of Management Studies, IIT Roorkee.
10. Participated in the SME Conclave 2011 On SMEs to MNEs – Forging the Way Ahead held at PHDCCI Chamber, New Delhi on February 19, 2011 Organized by Birla Institute of Management & Technology, Greater Noida in association with FIEO & NSIC.
11. Attended the National Workshop on Research & Data Analysis using SPSS jointly Organized by GNIOT & SPSS South Asia Bangalore on October 22-23, 2010.
12. Paper entitled “Challenges of Human Resource Management in Global Competitiveness: A Study On Indian Multinational Companies” is presented in International Conference on Industrial Competitiveness at GGI, Ludhiana.(2010)

J.K. Thukral

Books

1. Mathematics for Business Studies, B.Com. (H)- Sem IV, 22nd Edition, Mayur Paperbacks, 2020.
2. Fundamentals of Business Statistics, B.Com. (Hons.) – Sem V, 2nd Edition,

- Self- published,2021.
3. Quantitative Techniques, BBA, GGSIP University, 4th Edition, Maximax Publishing House, 2020.
 4. Business Mathematics and Statistics, B.Com.- Sem II, 3rd Edition, Maximax Publishing House 2019.
 5. Business Mathematics and Statistics, SOL & NCWEB, B.Com.- II, 9th Edition, Maximax Publishing House, 2018.
 6. Business Mathematics, BBA, GGSIP University, 6th Edition, Mayur Paperbacks, 2019.
 7. Business Mathematics, B.Com (Hons), GGSIP University, 3rd Edition, Maximax Publishing House, 2018.
 8. Calculus, B.Sc.(Hons) Mathematics – Sem I, 2nd Edition, Maximax Publishing House, 2019.
 9. Calculus, GE 1 for Hons Courses, 3rd Edition, Maximax Publishing House, 2019.
 10. Linear Algebra, GE 2 for Hons Courses, 2nd Edition, Maximax Publishing House, 2020.
 11. Differential Equations, GE 3 for Hons. Courses, 1st Edition, Maximax Publishing House, 2019.
 12. Elements of Analysis, GE 4 for Hons. Courses, 2nd edition, Maximax publishing House, 2020
 13. Business Statistics, B.Com. (Hons.),GGSIP University, 3rd Edition, Maximax Publishing House, 2018.
 14. Mathematics for CA Professional Educational Course, 4thEdition, Taxmann Allied Services Pvt. Ltd. 2006.
 15. Mathematics, Part A for Class XII, Books India International,2002.
 16. Mathematics, Part C for Class XII, Books India International, 2000.

Research Papers

1. Thukral, J.K. “On a class of Operators”. Glasnik Mathematicki. 21(21). 1986. pp.381-386.
2. “M.*Paranormal Operators”. Glasnik Mathematicki. 22(42). 1987. pp.123-129.
3. “On the Joint Approximate Point SpectrumII”. Tamkang Journal of Mathematics. 18 (1987) No.4. 1-6.
4. “On Left Weyl’s Theorem”. The Mathematics Student. 40(1982). pp.227-30.
5. “Factorisation of K-quasihyponormal operators”. International J Math. &Sci. 14 (1991). pp. 439-442.
6. “Quasi-Paranormal Operators”. Abstract. International Conference on Invariant Subspaces and Allied Topics. Delhi (India). 1986.
7. “On the Joint Approximate Point Spectrums”. Bolltettino Delia Unions MathematicaItaliana.
8. “The numerical range of a toepnitz operator with harmonic symbol”. Journal of Operator Theory. 34 (1995). 213-216.
9. “Conditions Implying Normality”. Tamkang Journal of Mathematics. 17(1986). No.4. pp.89-92.

Kamaldeep Kaur Sarna

Books/Chapter in Books

1. Chapter titled, “Smart Technologies and Smart Cities: A Conceptual Review”, published in the book ‘Smart Cities for Sustainable Development’, 2021. Kitab Mahal. ISBN: 978-81-95386-76-5.
2. Chapter titled, “Managing and Responding to COVID-19 in Higher Educational Institutions”, published in the book ‘Covid-19 Crisis and Management: Strategy, Policy and Solution’, 2021. Bharti Publications. ISBN: 978-93-90818-17-4, pp. 11-20.

Research Articles

1. Research Paper titled, “Mergers, Acquisitions, and the Financial Performance: An Empirical Analysis from Indian Manufacturing Sector” published in refereed journal, Management Insight, 2020, 17 (1), ISSN: 0973-936X.
2. Research Paper titled, “National Education Policy-2020: A Critical Review” published in refereed journal, Hans Shodh Sudha, 2021, 1 (3), pp. 8-14. Available online at: [https://hansshodhsudha.com/third-issues/\(Jan-March%202021\)--8-14.pdf](https://hansshodhsudha.com/third-issues/(Jan-March%202021)--8-14.pdf). (co-authors: Ms. Sanya Puri and Kabir Singh Kochar).
3. Research Paper titled, “COVID -19 and Indian Financial Markets: A Review” published in refereed journal, Management Insight, 2020, 16 (2), 1-8. ISSN: 0973-936X.
4. Opinion article titled, “Allocations to education sector need V-shaped recovery too” co-authored with Prof. Simrit Kaur published in The Pioneer on 10 February, 2021. Available online at: <https://www.dailypioneer.com/2021/columnists/allocations-to-education-sector-need-v-shaped-recovery-too.html>.
5. Research Article titled, "Resurrecting Indian Economy, COVID and Unveiling of the Stimulus Package" co-authored Prof. Simrit Kaur published in The Diplomatist on May 21, 2020, ISSN 2349 557X, 8(4), 48-49. Available Online at: <http://diplomatist.com/2020/05/21/resurrecting-indian-economy-covid-and-unveiling-of-the-stimulus-package/>
6. Opinion article titled, “The Right Mix for a Recovery amidst COVID”, (2020) co-authored with Prof. Simrit Kaur published in Indian Express on May, 7, 2020. Available Online at: <https://indianexpress.com/article/opinion/the-right-mix-for-a-recovery-coronavirus-india-lockdown-6398733/>
7. Article titled, “Analysing Union Budget 2020 from an Economic Perspective: Resources and Allocations”, (2020), jointly authored with Prof. Simrit Kaur published in The Diplomatist on March 31, 2020, Available Online at: <http://diplomatist.com/2020/03/31/analysing-union-budget-2020-from-an-economic-perspective-resources-and-allocations/>
8. Book Review “In Search of Excellence- Lessons from America’s Best Run Companies” Published in Business Analyst, 39 (1), 209-212, 2018.

E-Modules under NRC

1. Contributed an e-module on “Industry 4.0 and Big Data: A Managerial Perspective”, under the Annual Refresher Programme in Teaching (ARPIT)

- Online Refresher Course in Commerce, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019 (Co-authored with Prof. Simrit Kaur and Dr. Dipika Bansal). Available at: https://onlinecourses.swayam2.ac.in/arp19_ap64/unit?unit=57&lesson=58.
2. Contributed an e-module on “Mergers and Acquisitions in the Second Gilded Age” under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019. Available at: https://onlinecourses.swayam2.ac.in/arp19_ap64/preview.
 3. Recorded lecture on “Mergers and Acquisitions in the Second Gilded Age” under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019. Available Online at: <https://www.youtube.com/watch?v=6kdmc0TwQvI>.

Conference Presentations

1. Presented a Research Paper titled, “COVID-19 and Indian Financial Markets: An Empirical Analysis” in International Young Researcher’s Conclave held on 25-26 September, 2020.
2. Presented a Research Paper on “Evaluating the impact of Mergers and Acquisitions on Operating Performance of Telecom Industry” in the 41st All India Accounting Conference and International Seminar on Accounting Education and Research held on January 5-6, 2019 at Jaipur.
3. Presented a Research Paper on “GDP and Environmental Concerns: Challenges and Opportunities” in the 10th International Conference on strategies for promoting inclusive development held in association with South Asia Management Association- 2018.
4. Presented Research Paper on “Start-ups in India- A study of trends and shifts during 2014-2016” in the 5th Annual International Commerce Conference, Delhi school of Economics in 2016.

Kavita Kamboj

Published Papers

1. A chapter titled “**Impacts of E-Commerce and E-Business**” published in the book titled “Web Information Systems and Technologies” bearing ISBN Number 978-93-80144-22-1, printed by Twentyfirst Century Publications, Patiala and Edited by Dr Pardeep Singh Walia in 2012.
2. Research paper titled “**Sustainable food security in India: An overview about issues and concerns**” published in ‘**Sambhavya**’ an **International refereed research journal** of Indian Cultural, Social and Educational Stream with ISSN No. 0976-9358, in Volume 15, Oct-Dec 2013.
3. Research paper titled “**FDI in Indian Retail Sector: A Key to India’s Future Growth Prospects**” published in ‘**Shodhkalptaru**’ an

International refereed multidisciplinary research journal with ISSN No. 2249-6114, in Volume 11, Oct-Dec 2013.

4. A chapter titled **“Internet Media, Society and Financial Markets: Impacts and Issues”** published in the book titled **Media and Governance**” bearing ISBN Number 978-93-80144-91-7, printed by Twentyfirst Century Publications, Patiala and Edited by Mr Ajay Kumar Sharma in 2013.
5. A chapter titled **“Information Technology in Banking Sector Challenges”** published in the book titled **“Contemporary Issues in Indian Corporate Sector”** bearing ISBN Number 978-81-907868-0-5 in 2014.
6. Research paper titled **“Emotional Capability and Emotional Intelligence of Teams: The Hidden Driver of Excellence at Work Place”** published in **International Journal of scientific research and management (IJSRM)** with ISSN No. 2321-3418 in Volume 2 Issue 4 April 2014.
7. A chapter titled **“FDI in Indian Retail Sector: A roadmap ahead”** published in the book titled **“Development Issues and Foreign Direct Investment in India”** bearing ISBN Number 978-93-82885-10-8, printed by Kumud Publications, New Delhi and edited by Dr Masroor Ahmad Beg, in 2015.
8. Research paper titled **“Crowdfunding -An Innovative Source of Financing for Startups in India”** published in **‘PHD Chamber Journal of Ideas and Innovations’** a peer refereed research journal with ISBN No. 978-93-84145-96-5, in Volume 1, July,2020.

Presentations

1. Presented a paper on **“Women empowerment: Social and Economic aspects”** at UGC sponsored National Seminar on **“Women empowerment in socio-cultural contexts: Issues and concerns”** on 28th January 2011 at Post Graduate Govt College for Girls, Sector 42, Chandigarh.
2. Presented a paper on **“E-business and E-Commerce”** at UGC sponsored National Seminar on **“Web Information systems & Technologies”** on 9th November 2011 at Post Graduate Govt. College for Girls, sector-11, Chandigarh, Department of Computer Applications.
3. Presented a paper on **“Sustainable food security in India: an overview about Issues and concern”** at UGC sponsored National Seminar on **“Food security in India: Issues and Perspectives”** on 8th November 2012 at Post Graduate Govt. College for Girls, sector-11, Chandigarh, Department of Economics.
4. Presented a paper on **“Internet media, Society and financial markets: Impact & issues”** at UGC sponsored National Seminar on **“Media and Governance”** on 28th March 2012 at Post Graduate Govt. College for Girls, sector-11, Chandigarh, Department of Computer Applications.
5. Presented a paper on **“Foreign Direct Investment in Indian Retail Sector: Is there any impact on inflation?”** at UGC sponsored National Seminar on **“Inflation in India: Issues & Challenges”** on 9th February 2012 at Post Graduate Govt. College for Girls, sector-11, Chandigarh, Department of Economics.
6. Presented a paper on **“Emotional Capability and Emotional Intelligence of Teams: The Hidden drivers of excellence at workplace”** at UGC sponsored National Seminar on **“Emotional Intelligence & its emerging trends”** on 20th February 2014 at govt college of commerce and business

administration, sector 42, Chandigarh organised by Panjab University, Chandigarh.

7. Presented a paper on "FDI in Indian Retail sector: A key to India's future growth Prospects" at UGC sponsored National Seminar on "Challenges of Development: Re-visit to Inclusiveness" on 17-18th January 2014 at Zakir Hussain Delhi College, Department of Commerce.
8. Presented paper titled, "Reimagining buying behaviour and purchase intentions during and post Covid19: A study of organic food" at International E-Conference on "Advances in Business and Management 2021" organised by Shaheed Bhagat Singh College, University of Delhi on 4-6 March, 2021.
9. Presented a paper titled, "Factors influencing consumer behavior towards organic food during COVID-19" in an International E-Conference on innovations and sustainable practices in commerce, management and social sciences: Future prospects and challenges, jointly organised by Maniben Nanawati Women's College, Mumbai, Maharashtra and Inspira Research Association, Jaipur, Rajasthan on June 4 & 5, 2021.

Kinneri Jain

Research Papers

1. Jain, Kinneri "WTO-Dispute Settlement Mechanism & Developing Countries". National Conference, SRCC,2010 (Seminar Proceedings)
2. "Consumer dispute Redressal Mechanism", Business Analyst, SRCC, 2011

Kuljeet Kaur

Articles

1. Kaur, Kuljeet, "Relationship between achievement motivation and precompetition anxiety of Indian Inter-varisly Hockey players". Scientific Journal in Sports & Exercise, July- December, 2007.
2. "Competitive Trait Anxiety of the top level Indian Hockey players". Scientific Journal in Sports & Exercise, January-June, 2008.

Misha G. Govil

Research papers

1. Govil, Misha G. "Second Order Duality in Multi objective Programming using (F, r, s) type I Functions". Opsearch.37.42000,316-326,
2. "E-Convex and Related Functions". International Journal of Management and Systems.18.22002,193-206.
3. "Optimality Criterion Set-valued Optimization". Journal of Australian Mathematical Society.752003,221-231
4. "Generalized E-Convex Functions in Nonlinear Programming". Indian Journal of Mathematics.452003,223-240
5. "ε-Optimality for Multi objective Programming on a Banach Space". European Journal of Operations Research.2003.
6. "Cone Preinvex Vector Valued Optimization". Operational Research and its Applications: Recent Trends, Proceedings of APORS-2003.1110-117.

7. “ ϵ -Optimality for Nonsmooth Programming on a Hilbert Space”. Proceedings of The Conference 7 th International Symposium on Generalised Convexity/Monotonicity held at Hanoi, Vietnam from August 27-31, 2002.
8. Govil, Misha G. “Star Convex Functions and Optimization” presented at the Sixth International Conference of the Association of Asia-Pacific Operational Research Societies held at New Delhi, India from Dec. 8 to 11, 2003.
9. “Second Order Duality for Multi objective Programming with Support Functions in the Objectives”. Asia-Pacific Journal of Operational Research.

Mallika Kumar

Research Paper Presentation

1. Presented research paper, “*Fast tracking Financial Inclusion through Innovative Cooperative Models–Exiting Scenario and Future Prospects*” on September 2nd, 2010 at International Cooperative Alliance-Asia Pacific (ICA-AP) Regional Assembly Conference, Beijing, China.
1. Presented research paper “*Sustainability: An Intrinsic Nature of Cooperative Business model*” on September 24th, 2014 at International Conference on ‘*Global Business Sustainability*’ in SVSU, Michigan, United States of America (USA)
2. Presented research paper, “*Socio-Economic Sustainability of Financial Cooperatives in India*”, 3rd European Academic Research Conference, Global Business, Economics, Finance & Banking, 3rd July, 2016 Paris, France
3. Presented research paper on, ‘*Cooperatives in the University of Delhi*, International Cooperatives Alliance –Asia Pacific workshop on *University Cooperatives in SAARC*, November 16, 2016, Hotel Ashok, New Delhi.
4. Resource person & Moderator for the Open forum on *UN SDGs & Campus Cooperatives* at The Global Youth Workshop organized by International Cooperative Alliance Youth Committee in partnership with EU on November 13th, 2017 at Kuala Lumpur, Malaysia.
5. Guest of Honour for Key note Address on *Agenda 2030; India’s achievements*”, November 21st, 2018 at Research Symposium, Colombo University, Sri Lanka.
6. Represented India as Resource person nominated by Apex National Cooperative organization, National Cooperative Union of India (NCUI) at International Cooperative School Seminar, July 24th & 25th, 2018 at Penang, Malaysia
7. Resource person, National Cooperative Workshop on “*Qualitative Development of the Cooperative sector*” Regional Cooperative Workshop, August 26th, 2018 Kathmandu, Nepal.
8. Invited as Observer by UNESCAP for the release of Trade & Investment Report & for the session on “*Youth & Digital Economy*” on November 1st, 2017 at Bangkok, Thailand
9. Resource person ‘*Small group workshop on the proposal of a study of Financial Cooperative Sector in India*’ on 8th July, 2014 at UNDP Committee room, New Delhi.

10. Chair, Technical Session, International Conference, “*Empowering Women: Fostering Entrepreneurship, Innovation & Sustainability*” July 2018th, India International Centre, New Delhi.
11. Session Chair, International Conference, Business & Management Economic Track Theme: *Disruption in Business: Embracing the age of Digitilisation*, March 30th, 2019, Delhi School of Management, DTU, Delhi.
12. Co-Chair, International Conference on Globalisation, Trade and Sustainability, Kyunghee University, October 17th, 2019, Seoul, Republic of Korea.
13. Plenary session address, “*Education for a better world*’ Centenary Conference, Cooperative College, November 28th, 2019. Rochdale, United Kingdom.
14. Research Paper E presentation, *Cooperation between Cooperatives: Transcending borders*”, International Conference, August 19-20, Kyunghee University, Seoul, Korea Link: https://drive.google.com/file/d/1ntIDhwpz9n2L6D2VW0ooZJNBtLTQWd_pX/view?usp=drive_web
15. Research paper E presentation titled, “*Role of Experiential Learning at business Schools in developing entrepreneurship and future business leaders*” **awarded** for online presentation the **Best Region 1 at** the ACBSP Northeastern Regional 2020 **Virtual** Conference, October 29-30, 2020 and International Best of Region award in the ACBSP Annual Conference at Miami, USA, June 27th, 2021.
16. Research paper E presentation titled, *Cooperation among Cooperatives: Transcending borders*”, at the 2020 International Joint Conference, under the session on Development issue in India and International Collaboration, organised by Korea Trade Research Association (KTRA) & World Scholars in combination with FIRST Jeju Global Business Summit, held online at Kyunghee University, Seoul, **Korea**, August 19-20, 2020. http://www.newktra.org/default/menu03/sub04.php?com_board_basic=read_form&com_board_idx=17&&com_board_search_code=&com_board_search_value1=&com_board_search_value2=&com_board_page=&&com_board_id=10&&com_board_id=10-

Invited Lectures at Institutes/Workshops

International

1. Lecture on “*Resilience of the Cooperative Business Model*” in the Intensive International Programme on June 27th, 2012 at Utrecht Business School, The Netherland.
2. Lecture on “*The Cooperative Advantage*”, July 3rd, 2013 at UBS, The Netherland.
3. Presentation on “*SRCC: International Collaborations*”, June 10th, 2014 at MCNY, USA.
4. Lecture on “*Working Together: Achieving more*” on June 29th, 2016 at UBS The Netherland.
5. Lecture on “*Cooperative Entrepreneurship- Lessons from India*” in the Intensive International Entrepreneurship Programme October 12, 2016 at University of Wisconsin, USA.

6. Session on “International Education” March 20, 2017, Middlesex University, Dubai, UAE.
7. Lecture on “*Youth & Cooperatives in India*” November 2, 2017, Thammas at Univ. Bangkok
8. Lecture “*Coop. Business Model-India’s perspective*” Feb 8-2018, Univ of Kelaniya, Sri Lanka
9. Lecture on *Cooperatives & UN SDGs* February 8th, 2018, Univ. of Colombo, Sri Lanka.
10. Session on “*Cooperatives in education*”, SANASA Campus, February 9th, 2018 Sri Lanka.
11. Invited to Sri Lanka Prime Minister’s residence for a session on strengthening educational ties between India and Sri Lanka, February 8th, 2018
12. Presentation on SRCC International Programmes at Australian National University, Canberra, Australia, May 29th, 2018
13. Lecture on *Youth Cooperatives* at Kathmandu School of Management (KUSOM), August 27th, 2018, Kathmandu, Nepal.
14. Session on *Cooperatives and Gross National Happiness* at Gedu College of Business Studies, on October 26th, 2018, Bhutan.
15. Conducted Workshops on United Nations SDGs at Kathmandu Model College, Tribhuvan University, Lumbini Banijya Campus, Prithvinarayan Campus, July 4-7th, 2019, Nepal.
16. Invited for E lecture on *Entrepreneurship & Small Business Management – Coop Entrepreneurship & Sustainability in times of COVID-19*, July 5, 2020, University of Colombo, Sri Lanka.
17. Resource person for Webinar on Sahakari Udhya Shilpa Ra Rojgari organised by INNJA Global, Vision Sanchar, July 19th, 2020, Kathmandu, Nepal

National Lectures/Resource Person

1. Key note address as Guest of Honour in the Symposium on the United Nations 21st International Cooperative Day: Theme-” *Choose Cooperatives Choose Equality*” organized by National Cooperative Union of India (NCUI) on July 4th, 2015 at NCUI Auditorium, New Delhi.
2. Resource person for the National Conference on “*Women and Higher education --Present Socio Economic standpoint & future perspective*” M.KP College, Dehradun on March 28th, 2018
3. Panelist, “*Opportunities and Challenges of Foreign Collaboration & Exchange in India*” International Coordination & Development Programme Summit, Shaheed Bhagat Singh College, 31st January 2019.
4. Resource person, State Level Youth Seminar “*Potentiality of Career build up for Youth toward Cooperatives*”, Ahmedabad, 30th August, 2019
5. Presented paper in the Plenary session, Empowering women through Cooperatives, Mahajana First grade college, Mysore, November 7th, 2019.
6. Invited as Eminent Speaker, *International Day of Women Seminar* organized by Gujarat State Coop. Union, March 10th, 2020, Ahmedabad, 2020
7. Invited for E lecture on *Entrepreneurship & Small Business Management – Coop Entrepreneurship & Sustainability in times of COVID-19, University of Colombo, Sri Lanka*, July 5, 2020.

8. Resource person for Webinar on Sahakari Udhyaushilta Ra Rojgari organised by INNJA Global, Vision Sanchar, **Kathmandu, Nepal**, July 19th, 2020
9. Chairperson, International Conference on Future Challenges & Sustainable Development Goal: Science to Policy framework, Technical Session IV: Gender Equality (SDG5), organised by International Coordination & Development Programme, Shaheed Bhagat Singh College, University of Delhi, April 16th, 2021.
10. Invited as Eminent Speaker, *International Day of Women Seminar* organized by Gujarat State Coop. Union, March 10th, 2020, Ahmedabad, 2020

Publications

1. *Service Quality Analysis of Cooperative Banks*, Indian Journal of Commerce, Vol 63 No.1, Jan-March 2010.
2. *Sustainable Development through Cooperatives*, SAR Economist Vol.18. No. 222, May 2010
3. “*Cooperative Banks–Need of the hour is Marketing*”, Cooperator, Vol.47 No 9, March 2010
4. ‘*Strategic Issues of Agricultural Cooperative Credit in Uttarakhand*’ published in the July, 2007 issue of “*Indian Cooperative Review*”, Volume 45, No.1.
5. *Rural Cooperative credit –A Swot Analysis*”, September, 2007 issue of ‘YOJANA’ Volume 51.
6. *Statutory Reforms for Cooperatives in the State of Uttaranchal*”, (Dt 6.08.06) in Himanchal Star, Dehradun.
7. “*Cooperatives in India*”, published in “*Third Concept*”, Volume 23, February 2010.
8. “*Rural Cooperative Credit*” in the book ‘*Institutional Rural Credit Management*’ Shree Publishers and Distributors. Pg. 181-186
9. The *e-publication* as Member of UNDP Microfinance Solution exchange can be viewed at <http://www.solutionexchange-un.net.in> or [www.in.undp.org/knowledgedigest/mallika kumar](http://www.in.undp.org/knowledgedigest/mallika%20kumar)
10. “*Microfinance Services through Mobile Phone Banking in Remote Areas*” <ftp://ftp.solutionexchange.net.in/public/mf/cr/cr-se-mf-ictd-23040801-public.pdf> June 2008
11. “*Microfinance for Mountain & other remote areas*”
12. *Market place for Social Enterprise Capital*.
13. *Microfinance Services for Mountain & other remote areas*.
14. *Financial literacy, awareness generation and establishment of Financial and Multi-purpose Cooperatives of Youth*, Dec 19th, 2014
15. *Financial Cooperatives in the Context of Financial Inclusion*, June 2nd, 2015
16. “*Youth is energy untapped*”, Article published in the leading newspaper of Sri Lanka, Daily Mirror dt, February 20th, 2018. The link for the interview is: <http://www.dailymirror.lk/article/Youth-is-energy-untapped-146199.html>
17. Article published in Nepal Khabar dt July 22, 2019
18. The link is: <https://nepalkhabar.com/society/3603-2019-07-22-06-28-51>

19. *Development of linkages in Indian Financial Cooperatives Environment through Interpretive Structural Modelling*, co-author, Gaurav Rana, Indian Cooperative Review, Vol.56, No.4, ISSN No.00194581, Pg. 235, August, 2019.
20. *Covid, Cooperatives and Education*, The Cooperator, Vol.57 No.10, Pg43-46, April-August 2020
21. *M-Wallets: A Comparative Study on Usage Intention of Rural and Urban Citizens*, published in Scopus indexed, Solid State Technology Vol. 63 No. 6 (2020).
22. *Covid, Cooperatives and Education*, The Cooperator, Vol.57 No.10, Pg43-46, April-August 2020.

Participation in Conferences/Workshops

1. Participated in the International Conference on “The Role of Cooperative Enterprises in Financial Inclusion” on 28th June,2012 at Duisenberg Auditorium, Rabo Bank, Netherland.
2. Interactive Session on Socio-Economic Sustainability Dialogue with the First Secretary and Permanent Delegation of India on July 3rd, 2016 at the UNESCO, Paris, France.
3. Energy Nite, Innovation, Oct.14th, 2016, Massachusetts Inst. of Technology (MIT), USA
4. Workshop on Innovation, October 18th, 2016, Xerox HQ, Rochester, USA
5. Session on Higher education, by Raziq Umar Jivani at Uris Hall, Columbia Business School, October 17th, Columbia University, USA.
6. Session on Poverty & Sustainable Development by Donald Lee, President of International Committee on Poverty, October 20th,2016 at United Nation HQ, New York.
7. Talk on ‘*India’s Education policy and market-based reforms- challenges and opportunities*’ by Prof. Emmerich Davies, Harvard Graduate School of Education, July 13, 2017, The American Centre, Delhi
8. Co-op MIC on ICA-Asia Pacific-European Union initiative on March 31, 2017 in ICA-AP Regional Centre, New Delhi.
9. Dialogue on Youth for Development to mark the occasion of International Youth Day on Wednesday, 12 August, 2015, jointly organised by the State Bank of India and United Nations India at the UN Conference Hall, 55 Lodi Estate, New Delhi. ^{1}_{SEP}
10. Ministerial Interaction with UK Ministers Rt Hon Sajid Javid MP, Secy of State, Business Innovation & Skills & Jo Johnson MP, Minister of state for universities& sciences, Nov 9th, 2015, IIT, Delhi. ^{1}_{SEP}
11. UN Public Lecture by Mr. Kailash Satyarthi, Nobel Peace Laureate & Child Rights Activist, on Sustainable Development Begins with Education, December 1st, 2015, IHC, N.Delhi.
12. Consultation meeting ‘Women Leadership training’, 19th Aug,2014, IFFCO Foundation, Delhi
13. Regional Cooperative Youth Forum for Asia Pacific, 17 – 21st July, 2013, International Cooperative Alliance Committee on Youth in Asia Pacific at Buldana, Maharashtra, India.
14. “National Workshop on Voluntary Savings” on 9th November, 2012 at Radison Blue, organized by United Nation Development Programme (UNDP), New Delhi.

15. Coop-Connect Forum “Coop Enterprise Empowers Women” 6th July, 2010 NCUI, Delhi.
16. National Microfinance Conference – “Financial Inclusion & Responsible Microfinance, organized by Sa Dhan & FICCI 17th -18th March 2010, Ashok Hotel in Delhi.
17. Transparent Pricing Seminar, Micro Finance Transparency (USA)12th April, 2010, Essex Farm, Delhi.
18. 7th Microfinance India Summit “Mission of Microfinance: Time to Reflect &Reaffirm”, organized by ACCESS 15th -16th November,2010, Ashok Hotel Delhi.
19. Coop-Connect forum, Confronting Climate change-Role of Coop, Feb 25, 2010, NCUI, Delhi
20. UNDP Action Group workshop on 'Empowering Community Based Microfinance Institutions for Poverty Alleviation & Women Empowerment', 2nd December,2010, UNDP Conference Hall, Delhi

MOOC E-Modules for SWAYAM, ARPIT, NRC (ECO), MHRD (2019)

1. Coordinated and contributed course outlay for 8 e-modules on “*Contemporary issues in Economics*” under the under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, (MHRD), 2019 You tube link: <https://youtu.be/15Dbj6judqM>
2. Contributed an E-content (Quadrant1) on, “*Nobel Laureate in Economics*” under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, (MHRD), 2019
3. E lecture (Quadrant 2) on, “*Elinor Ostrom: The first women Nobel Laureate in Economics*” under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, (MHRD), 2019. You tube link: <https://youtu.be/BpmXhrfEsIE>
4. Contributed to E Discussion Forum (Quadrant 3) under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, (MHRD), 2019.
5. Contributed to Evaluation (Quadrant 4) under the Annual Refresher Programme in Teaching (ARPIT) Online Refresher Course in Economics, for higher education faculty through SWAYAM Portal, Ministry of Human Resource Development (MHRD), 2019.

MEMBER

1. Micro Finance Solution Exchange, United Nation Development Programme (Since 2009)
2. Team member as an Expert & Advisor for the evaluation of Central Sector Integrated Scheme on Agriculture Cooperation (CSISAC), undertaken by the AFC, Ministry of Agriculture.
3. Appointed as Expert by Apex organization, NCUI for APJ Abdul Kalam Azad Scholarship 2017-18 for Research in Cooperatives in India, December 18, 2018

4. Focal Point, SRCC for ARTNET, UNESCAP (Since 2018)
5. Representing India as Member, International Cooperative Alliance-Asia Pacific (ICA-AP) Committee on Cooperatives in Educational Institutions (ICEI) (2019-2020).
6. Member, Foreign Student Registry (FSR), University of Delhi (2020)
7. Special Invitee, Broad based committee for Gender Analysis & Budgeting, Ministry of Women & Child care, June 4, 2021
8. Member, International Cooperative Alliance-Asia Pacific (ICA-AP) Committee on Cooperatives in Educational Institutions (ICEI) (2020 onwards)
9. Member of Academic Council of the SRM University Delhi-NCR, Sonepat, Haryana w.e.f. from April 2021 for three years
10. Member, QS ranking Special Task Force, University of Delhi (2021)
11. Member, Foreign Student Registry (FSR), University of Delhi (2020)

Monika Bansal

1. “Green Corporate Marketing Practices”, International Conference on Green Marketing, IMT Ghaziabad, September 25th-26th, 2008.
2. “Rural Innovation and Corporate Social Responsibility - A Review”, International Conference on Technology and Innovation in Marketing, IMT Ghaziabad.
3. “Biofuel the Future”, International Conference on Emerging Technologies in Environmental Science and Engineering, Aligarh Muslim University, October 26th-28th, 2009.
4. “Renewable Energy and Conservation”, International Conference on Resource Development and Environmental Change: Emerging Issues and Challenges, Aligarh Muslim University, January 27th-29th, 2009.
5. “Capitalizing Rural Potential”, Ninth International Conference on Operation and Quantitative Management, Loyola Maramount University, Los Angeles, U.S.A., June 27th-30th, 2009.
6. Case Study on “Bharat Pariyojan Limited: Making inroads to Rural Markets” International Conference on Intercultural Communication, IMS Ghaziabad, September 3th-5th, 2009.
7. “Ethics and Global Economy”, 2nd International Conference on Integrating Spirituality and Organizational Leadership”, FMS, University of Delhi, February 9th-12th, 2009.
8. “Green Marketing: A Study of Consumer Attitude & Environmental Concern”, 64th All India Commerce Conference, Indian Commerce Association, December 15th-17th, 2011.
9. Environmental Consciousness, Its Antecedents and Behavioral Outcomes, 2nd Annual International Conference, Innovation in Marketing for Emerging Markets - Global Challenges and Opportunities, Academy of Indian Marketing, July 29-30, 2012.
10. Measuring Environmental Consciousness, Third Multinational Enterprises and Sustainable Development International Conference (MESD-12), Shaheed Bhagat Singh College (Evening), University of Delhi, 12-14 Decemeber, 2012.
11. Singh, A. K., & Bansal, M. (2012). Green Marketing: A Study of Consumer Attitude & Environmental Concern. *Indian Journal of Commerce*, 65 (2), 273-283.

12. Sharma, K., & Bansal, M. (2013). Environmental Consciousness, Its Antecedents and Behavioral Outcomes. *Journal of Indian Business Research*, 5(3), 198-214.
13. Bansal, M. (2013). Environmental Consciousness, Its Antecedents and Behavioral Outcomes. *Journal of Commerce and Business Studies*, 1 (1).
14. Bansal, M. (2016). Measuring Environmental Consciousness. In *Emerging Dynamics of Sustainability in Multinational Enterprises*. Edward Elgar Publishing.
15. Bansal, M. (2016). Sustainable Development: An Environmental Perspective. In *Dimensions in Higher Educaion*. New Delhi Publishers.
16. Case Method Teaching Seminar, Harvard Business Case Publishing and IIM-A Case Center, 2016.
17. Paper titled "Environmental Consciousness and Consumer Lifestyle" published in *Business Analyst* (2018), 39 (2), 57-76.
18. Review of the Book titled "No One Understands You and What to do about it" published in *Business Analyst* (2018), Vol. 39 (1). Jan 2018-June 2018. 204-208.
6. Paper titled "Industry 4.0: Reshaping the Future of HR" published in *Scopus Indexed Strategic Direction* (2020), Vol. 36 No. 5, pp. 9-11. <https://doi.org/10.1108/SD-12-2019-0235> (Emerald Insight, Scopus Indexed)
7. Bansal, M., & Verma, Anju. (2020). Tiktok: From Global Fame to Global Ban—A Review, *Computers and Telecommunications Law Review*
8. Bansal, M., Sharma, K (2019). Environmental Consciousness and Consumer Lifestyle, *Business Analyst*. 39(2)

Papers Presented in Conferences/Seminars

1. "Green Corporate Marketing Practices" presented in International Conference on Green Marketing, September 25-26th, 2008, IMT Ghaziabad.
2. "Rural Innovations and Corporate Social Responsibility: A Review" presented in International Conference on Technology and Innovation in Marketing, February 20-21st, 2009, IMT Ghaziabad.
3. "Biofuel...the Future" Presented in International Conference on Emerging Technologies in Environmental Science and Engineering, October 26-28th, 2009, Aligarh Muslim University.
4. "Renewable Energy and Conservation", International Conference on Resource Development and Environmental Change: Emerging issues and Challenges, January 27-29, 2009, Aligarh Muslim University.
5. "Capitalizing Rural Potential", Ninth International Conference on Operation and Quantitative Management, June 27-30th, 2009, Loyola Maramount University, Los Angeles, U.S.A.
6. Case Study on "Bharat Pariyojan Limited: Making inroads to Rural Markets" in International Conference on Intercultural Communication, September 3-5th, 2009, IMS Ghaziabad.
7. "Ethics and Global Economy" in 2nd International Conference on Integrating Spirituality and Organizational Leadership", February 9-12th, 2009.

8. "Green Marketing: A Study of Consumer Attitude & Environmental Concern" presented in 64th All India Commerce Conference, Indian Commerce Association, December 15th- 17th, 2011.
9. "Environmental Consciousness, Its Antecedents and Behavioral Outcomes", 2nd Annual International Conference, Innovation in Marketing for Emerging Markets - Global Challenges and Opportunities, Academy of Indian Marketing, July 29-30, 2012.
10. "Measuring Environmental Consciousness", Third Multinational Enterprises and Sustainable Development International Conference (MESD-12), Shaheed Bhagat Singh College (Evening), University of Delhi, 12-14 December, 2012.

Workshop/MDP/FDP Attended

1. 2-day workshop on "Conducting High Quality Research in Empirical Modeling for Marketing Strategy", 6-7 February, 2020, organized by Academy of Indian Marketing & IIM-Lucknow- Noida Campus. *Awarded with the Best Research Proposal Award.
2. Case Method Teaching Seminar, Harvard Business Case Publishing and IIM-A Case Centre, October 21-22, 2016.
3. One week FDP cum Workshop on "Analytical Techniques for Research in Social Sciences", 22-28 May, 2012, Organized by DSPSR in Collaboration with Global Network of Business Researchers.
4. FDP on "Advance Data Analysis through Data Analysis Software, June 14-26, 2010, organized by ITS, Ghaziabad in association with AICTE.
5. Two Day Case Study Workshop organized by IMD (ecch), December 15-17, 2009.
6. Two Day MDP on "Green Business" Organized by BIMTECH, April 24-25, 2009.

Namita Jain

Book

1. Chapter titled "Rethinking assessment in times of covid-19: a case of higher educational institution in India", in book titled 'Covid-19 Crisis and Management Strategy, Policy and Solution', 2021, New Delhi, (pp. 1-10). Bharti Publications. ISBN 978-93-90818-17-4.

Research Papers

1. Jain, Namita (2019). "The impact of knowledge management system on student performance: A case study of the University of Delhi". VINE Journal of Information and Knowledge Management Systems, indexed in Scopus, SSCI, Emerald, ABDC rank B, Vol. 49 No. 1, pp. 115-135, ISSN: 2059-5891.
2. Jain, Namita (2017), "Harnessing information and communication technologies for effective knowledge creation: Shaping the future of education", Journal of Enterprise Information Management, indexed in Scopus, Emerald, ABDC rank B, Vol. 30 No. 5, pp. 831-855, ISSN: 1741-0398.

3. Jain, Namita (2018), "Transforming Accounting through cloud computing", Vivekanand Journal of research, Vol. 7, No. 2, pp. 137-158, ISSN: 2456-7574.
4. Jain, Namita (2014), "Analysis of Risk-Return Relationship", Excel International Journal of Multidisciplinary Management Studies, Vol. 4, ISSN: 2249-8834.
5. Jain, Namita (2014), "Credibility of credit ratings in the present scenario", Sai Om journal of commerce and management, Vol. 1, ISSN: 2347-7563.

Paper Presentations

1. Presented paper titled "Internal Credit Rating Model: A Tool for Bank's Credit Risk Management" in National Conference on Contemporary management practices: opportunities and challenges and won the best research paper award.
2. Presented paper titled "Job Uncertainty among Youth in India" in International Conference on "Coping with uncertainty" organized by Maharaja Agrasen Institute of Management Studies.
3. Presented paper titled "Transforming Organizations by managing succession through knowledge management" in Conference on Changing Organizations through Strategic, technological, Structural and Behavioural Interventions organized by University School of Management Studies, Guru Gobind Singh Indraprastha University.
4. Presented paper titled "Revolutionizing Indian higher Education through Knowledge Management and information and communication technology" in Annual Conference of Glogift on Transforming Organizations through Flexible Management organized by Delhi School of Management, Delhi Technological University.
5. Presented paper titled "Communities of Practice in a Digital Knowledge Economy: A case study of Web 2.0 in Educational Institutions" in International Conference on Business and Management organized by Delhi School of Management, Delhi Technological University.

Reviewer

1. Reviewed a manuscript for the VINE Journal of Information and Knowledge Management Systems indexed in Emerald and Scopus.
2. Reviewed a manuscript for the Journal of Teaching in International Business indexed in Taylor and Francis.

Nawang Gialchhen

1. "Micro Insurance as a Tool to Reach Low Income Groups: An Assessment" Himalayan Journal of Contemporary Research, Vol. 3 (1), Jan-Jun 2014, pp. 727-737.
2. "Need of Insurance Education in India" Hermeneutics, Vol. 4 (2), Sep 2014, pp. 24-28.
3. "Financial Evaluation of OICL: An Analysis" Business Analyst, Vol. 37 (1), Apr-Sep 2016, pp. 47-62.

Naveen Mittal

Books

1. **“Concept Building Approach to Income Tax Law & Practice”**, Second Edition 2021, Cengage Learning India Pvt. Ltd., Delhi, ISBN-978-93-5350-604-9 for B.Com.(H) and B.B.A of CBCS Curriculum.
2. **“Principles of Income Tax Law & Practice”**, Second Edition 2021, Cengage Learning India Pvt. Ltd., Delhi, ISBN-978-93-5350-620-9 for B.Com. of CBCS Curriculum.
3. **“Principles of Income Tax Law & Practice”**, Second Edition 2021, Cengage Learning India Pvt. Ltd., Delhi, ISBN-978-93-90555-44-4 for B.Com. of CBCS Curriculum.

Research Papers Presented

1. **“Comprehensiveness and Intensity of Capital Budgeting Process: How to Measure?”** at the two-day International Conference on “Globalization, Trade and Economic Policy: Way Towards Achieving Sustainable Development” organised jointly by Kyung Hee University, Department of International Business & Trade and Shri Ram College of Commerce, Office of International Programmes held at Seoul, South Korea, October 18-19, 2019.
2. **“Measuring Comprehensiveness and Intensity of Capital Budgeting Process”** at the three-day Global Advances in Business Communication XIth Trans Continental Conference on “Strategising for Global Connect” organised by Delhi School of Business held at Vivekananda Institute of Professional Studies, Technical Campus, Delhi, India, July 11-13, 2019.

Resource Person

1. Panelists in 2 Hours Webinar on **“Tax Summit: How to Maximize Savings in COVID Times”** Organised by Shyam Lal College, University of Delhi, Delhi, India, June 20, 2020.
2. Keynote Speaker in One Hour Webinar on **“Goods and Services Tax – Creating Original Knowledge”** Organised by Ideal Institute of Management and Technology, affiliated to Guru Gobind Singh Indraprastha University, Delhi, India, September 24, 2020.

Padmeswar Doley

Articles in Indexed/Peer Reviewed Journal

1. **“Informal Sector Employment and the Living Standards in the Urban Areas of Assam in the Post-Liberalization Period”**, International Research Journal of Commerce, Arts and Science Vol. – 11; Issue – 11; Nov. – 2020; ISSN 2319 – 9202 (O); <https://doi.org/10.32804/CASIRJ>; www.CASIRJ.com- Informal sector employment and living-standards in the urban areas of Assam in the post-liberalization period -by - Padmeswar Doley; UGC listed
2. **“Non-Farm Employment and Rural Welfare in India: Evidence from the NSSO Unit-Level Data in the Post-Liberalization Period”**, Labour & Development Journal, Vol. – 27; No. – 2; Dec. – 2020; ISSN 0973-0419; V. V. Giri National Labour Institute, Noida, Uttar Pradesh, India (vvgnli.gov.in); UGC Care list

3. “Gender and Social Institutions in the Labour Markets: An Analytical Perspective on the Covid-19 Disruptions in Northeast India” by Dr. Padmeswar Doley & Dr Sarbeswar Padhan; The Indian economic journal: the quarterly journal of the Indian Economic Association 2021; ISSN: 2631-617X; sagepub.com; <https://doi.org/10.1177/00194662211023838>; UGC Care List.

Conference/Seminar Presentations, 2020

National:

1. Presented a paper titled, “Credit access by rural microenterprises in India: Implications for rising poverty and inequality in the post-covid-19 era”, National Seminar, Saint Joseph College of Law, Bangalore; 5th August, 2020.

University:

1. Presented a paper titled, “Financing the rural non-farm sector: A study for Assam”, Yong Scholars Webinar on “Indian Economy: Theory and Policy” organized by CESP/SSS/JNU, New Delhi – 110067; 15th October, 2020.

Award

1. Best Paper and First Mention Award, National Seminar, Saint Joseph College of Law, Bangalore; 5th August, 2020.

Invited Lectures as Resources person since 2017

1. Lecture delivered as Resource Person; Topic- “Students and reengineering social responsibilities”, L.T.K. College; P.O. – Azad; District - North Lakhimpur; Assam – 787031; 30 June 2017.
2. Lecture delivered as a Resource Person; Topic – “Career Challenges in the era of 4G Industrial Revolution”, Nowboicha College; P.O. - Doolahat; North Lakhimpur; Assam – 787027; 13th June, 2018.
3. Lecture delivered as a Resource Person; Topic - “Farm sector growth and local employment generation in Assam – Issues and Challenges”, L.T.K. College; P.O. – Azad; District - North Lakhimpur; Assam – 787031; 15th June 2018.
4. Lecture delivered as a Resource Person; Topic - “Informal sector growth and employment generation in Assam – Challenges during the 21st Century”, L.T.K. College; P.O. – Azad; District - North Lakhimpur; Assam – 787031; 14th June 2019.
5. Lecture delivered as a Resource Person; Topic - “Informal Sector Growth and Socioeconomic Development of the Mishing Tribes in Assam”, NCD College: Bordoibam; PO – Gogamukh; Dist. - Dhemaji; Assam – 787034; 21st June, 2019.
6. Lecture delivered as a Resource Person; Topic - “Careers in Economics”, Online Workshop; S.K. Somaiya College of Arts, Science and Commerce, Mumbai University; organized by Department of Economics; 31st May 2020.

Priyanka Bhatia

Research Article

1. Bhatia, Priyanka. "Production in the Indian Manufacturing Sector: A Panel Data Analysis". *Indian Economics Review*, Vol. 35 No.1, 2000.

Priyanka Aggarwal

Research Articles Published

1. "Relationship between Environmental Responsibility and Financial Performance of Firm: A Literature Review". (2013). *IOSR Journal of Business and Management*, 13(1), pp. 13-22. DOI: **10.9790/487X-1311322**. e-ISSN: 2278-487X, p-ISSN: 2319-7668.
2. "Sustainability Reporting and Its Impact on Corporate Financial Performance: A Literature Review". (2013). *Indian Journal of Commerce & Management Studies*, 4(3), pp. 51-59. ISSN: 2240-0310, EISSN: 2229-5674.
3. "Impact of Corporate Governance on Corporate Financial Performance". (2013). *IOSR Journal of Business and Management*, 13(3), pp. 01-05. DOI: **10.9790/487X-1330105**. e-ISSN: 2278-487X, p-ISSN: 2319-7668.
4. "Impact of Sustainability Performance of Company on its Financial Performance: A Study of Listed Indian Companies". (2013). *Global Journal of Management and Business Research: Finance*, 13(11), pp. 61-70. Print ISSN: 0975-5853, Online ISSN: 2249-4588.
5. "Greenwashing: The Darker Side of CSR". (2014). *Indian Journal of Applied Research*, 4(3), pp. 61-66. Print ISSN: 2249-555X.
6. "Corporate Social Performance of Financial Services Sector in Light of Recent CSR Developments in India". (2015). *Business Analyst*, 36(1), pp. 163-182. ISSN: 0973-211X.
7. "Banks' Profitability and NPAs: An Empirical Study". (2016). *Ramanujan International Journal of Business and Research*, 1, pp. 131-140. ISSN: 2455-5959. **(UGC-CARE Listed Journal)**
8. "CSR and Sustainability Reporting Practices in India: An In-depth Content Analysis of Top-Listed Companies". (2019). **Social Responsibility Journal (Emerald, Scopus-indexed, ABDC - 'B' category)**, 15(8), 1033-1053. ISSN: 1747-1117. Available online at <https://doi.org/10.1108/SRJ-03-2018-0078>.

Conference Presentations

1. Presented a paper titled "Impact of Corporate Sustainability on Corporate Financial Performance" at the **International Conference on Corporate Social Responsibility & Sustainable Development held at Jakarta (Indonesia)** from June 02-05, 2014.
2. Presented a paper titled "CSR & Sustainability Reporting in India: A Comprehensive Study of Top Listed Companies" at the **International Conference on "Research & Business Sustainability, jointly organized by IIT Roorkee (India), Sheffiled Business School (UK), and Waikato**

- Management School (New Zealand)*, held on December 16-17, 2017.
3. Received **best paper award** for the paper titled “CSR and Organizational Commitment: A Meta-Analysis” presented at the *Academicsera 22nd International Conference, held in Oxford (United Kingdom)* on 19-20 June, 2018.
 4. Presented a paper titled “Exploring the Relationship Between CSR and Multiple Employee Outcomes” at the *Management Education and Research Colloquium, organized by IIM Kashipur (India)*, held on June 6-7, 2019.
 5. Presented a Poster titled “Employees’ Attitude & Behavior towards their Organization: Examining the Role of CSR Perceptions” at the *7th Pan-IIM World Management Conference, organised by IIM-Rohtak in collaboration with MHRD* from 11-14 December, 2019.
 6. Received **best paper award** for the paper titled “Organizational Commitment & Citizenship Behavior: The Internal Consequences of Perceived CSR” presented at *7th Annual International Commerce Conference, organized by Department of Commerce, Delhi School of Economics, University of Delhi* on 17-18 January, 2020.

E-Modules

1. Content writer of a module titled “**IFRS in India**” for the paper Accounting Theory and Practice under the *e-PG Pathshala initiative of the MHRD, Govt. of India*.
2. Content writer of a module titled “**Segment Reporting**” for the paper Accounting Theory and Practice under the *e-PG Pathshala initiative of the MHRD, Govt. of India*.

Resource Person

1. Resource Person of a session held on 17th March, 2020 on the topic "Disposal of Surplus and Bonus Shares" of **Advanced Accounting Module under the SRCC- ICLS Training Programme, 2020**.
2. Panelist and Speaker of a session on Accountancy held on 4th November, 2020 for the **DPS School Teachers of Class XI and XII, organized by the DPS Society**.
3. Resource Person of a full-day session held on 15th March, 2021 on the topic "Theory Base of Accounting" of Book Keeping and Accounts Module under the **SRCC- ICLS Training Programme, 2021**.
4. Resource Person of a session titled "Research in Organisational Behaviour: Qualitative, Quantitative and Meta-Analysis" under the Five-day **Online FDP on "Emerging Paradigms in Organizational Behavior"** organized by SRCC from 5-9 July, 2021, under the aegis of ATAL Academy established by the AICTE.

Pushp Lata Jain

Research Articles

1. Jain, Pushp Lata “Non-differentiable multi-objective fractional programming with Hanson- Mond classes of functions”, Journal of information and optimization sciences, Vol. 12, No.1, pp 35-47,1991.
2. “Generalized concavity and duality in multi-objective Non-smooth programming”, UTILITAS Mathematica, Vol43, pp 71-78,1993.
3. “On multi-objective fractional duality for Hanson-Mond classes of functions”, Journal of information and optimization sciences, Vol14, No.1, pp1-9,1993.
4. “Optimality and duality for fractional Minimax programming under Generalized invexity”, Proceedings XIII Annual Convention of ORSI: Operational Research, Computers and Decision Making, pp 439-448, 1990.
5. “Generalized (F, r) - convexity and duality for Non-Smooth Multi-objective programs”, OPTIMIZATION, Vol31, pp153-164,1994.
6. “Generalized proper efficiency and duality in multi-objective fractional programming”, IJOMAS.
7. “Generalized F-convexity and duality: An on-differentiable can”, Asia-Pacific Journal of Operation Research.
8. “A note on fractional multi-objective Non-smooth programming” OPSErCH.

Prerna Soni

Case Study Presentation

1. Presented a case titled “*A Case of Organizational Structure in Indian Film Industry from Complexity Paradigm Perspective*” at the Virtual 3rd International Conference on Entrepreneurship, Innovation and Leadership (ICEIL) on “**Harnessing Innovation, Technology, Entrepreneurship and Sustainability**” organized by Amity University, held from 17th -19th December, 2020.

Preeti Devi

Chapter in Book

1. “Management Technology: Evolution to Revolution”, Dr. Manu Umesh, 2019, Bharti Publication, Delhi, ISBN no. – 978-93-89657-11-1
2. “Self-reliant India. A Gandhian Perspective”, 2021, Shivalik Publication, ISBN No. 978-81-950125-8-9, Chapter Title - Self-reliant India: Myntra for Uplifting the country (page 171-177)

Rachna Jawa

Book

1. Mergers, Acquisitions and Corporate Restructuring in India: Procedures and Case Studies (2009), New Century Publications
2. E-Marketing (2016), Singhal Publications
3. E-Marketing (2nd Completely Revised Edition, 2017), Singhal Publications
4. E-Marketing (3rd Ed. 2018), Singhal Publications

Research Papers Published

1. White Paper on “The State of Youth Development- Global Analysts & Policy Recommendations” Funded and published by Misk Foundation, Saudi Arabia and the Global Education and Leadership Forum (tGELF). Accessible at: <https://miskglobalforum.com/our-insights/>
2. Efficient Market Hypothesis and Calendar Effects: Empirical Evidences from the Indian Stock Markets Business Analyst, SRCC, ISSN 0973-211X, 37(2), March 2017, 145-160 (UGC listed on the date of publication)
3. The Globalisation of Everything Business Analyst, SRCC, ISSN 0973-211X, 32(2), March 2012, 0973-211X (UGC listed on the date of publication)

Research Paper Presented

1. “Value Creation Through Mergers and Acquisitions: A Myth or Reality” International Research Conference on “Asian Conference on Corporate Governance and Business Sustainability” organized by Shri Ram College of Commerce in Association with Assumption University Thailand, at Bangkok, Thailand, October 7-9, 2013.

Rajkumar Sah

Book

1. 'Corporate Accounting' For B.Com. (Hons.) of Delhi University under CBCS published by Singhal Publications, Delhi in the year 2017.

Research Articles

1. Sah, RajKumar. “Profitability Analysis - Modi Industries Ltd.” Journal of Commerce and Information Technology, Jaipur,2000.
2. Sah, Raj Kumar. “Indian Accounting Standards and International Financial Reporting Standards”. Business Analyst, October, 2011.
3. "One Person Company (OPC) under the Companies Act, 2013-Is it viable in India?" published in April-June, 2014 in "Interdisciplinary Journal of Management and Behavioral Sciences (IJMBS), a referred journal of STMP.
4. Corporate Social Responsibility (CSR) in India- Justification of a Move towards it through regulations published in Business Analyst in volume 36 of the year 2016.
5. Provisions of presentation of proposed dividends in Balance Sheet: A Comparison of the provisions of the companies Act, 2013 and the Companies (Accounting Standards) Rules, 2006' published in Abhinav International Monthly Referred Journal of Research in Management and Technology in the year 2015, Volume IV.

Rajiv Jha

Research Articles

1. "Role of Foreign Direct Investment in India's Industrial Development", in C. P. Chandrasekhar (ed.), ICSSR Research Surveys and Explorations (Economics): Indian Industrialisation, New Delhi: Oxford University Press, 2015.
2. "Capital Scrapping and Exports: A Vintage Model," Economic and Political Weekly (vol. XLIX, no. 39, September 27, 2014).
3. "The Analytics of the Agriculture-Industry Relationship in a Closed Economy: A case Study of India," Economic and Political Weekly (vol. 45, no. 17, April 24-April 30, 2010).
4. "Development in the Time of Finance," Review of the book 'Capture and Exclude: Developing Countries and the Poor in Global Finance (ed) Amiya Bagchi and Gary Dymksi, Tulika, 2007], Economic and Political Weekly (vol XLIV, no. 45, November 7-November 13, 2009).
5. "The Economy: Changing Tracks," Economic and Political Weekly (vol XLI, no. 50, December 16-December 22, 2006).
6. "A Model of Exports and Investment in an Open Developing Economy", Economic and Political Weekly (vol XLI, no. 9, March 4-March 10, 2006).
7. "Machine Tool Absorption and Capital Formation in India: Dynamics of the Equilibrium Adjustment Process" Economic and Political Weekly (vol XL, no. 9, February 26- March 4, 2005).

रवि शर्मा

1. काव्य और नैतिकता (आचार्य महावीर प्रसाद दिवेदी एवं मैथ्यू आर्नल्ड के संदर्भ में) आधुनिक पुस्तक उद्योग, नई दिल्ली, सन् 1988.
2. भाषा स्तंभ-(सहलेखन)-व्याकरण भाग 1-3 प्रज्ञा प्रकाशन, नई दिल्ली, सन् 1996.
3. भाषा मूल-(सहलेखन)-व्याकरण भाग 1-3 प्रज्ञा प्रकाशन, नई दिल्ली, सन् 1999.
4. पाश्चात्य काव्य चिंतन और आचार्य शुक्ल— ईशा ज्ञानदीप, नई दिल्ली, सन् 2001.
5. संघर्ष मीमांसा (काव्य संकलन)—भारतीय प्रकाशन संस्थान, नई दिल्ली, सन् 2001.
6. हिंदी दक्षता 'ग' — किताब घर, नई दिल्ली, सन् 2004.
7. हिंदी व्यवहार — किताब घर, नई दिल्ली, सन् 2005.
8. बकरी कल्चर (व्यंग्य संकलन) ज्योति इन्टरप्रिसेस, नई दिल्ली, सन् 2006.
9. ग्लोकल हिंदी (लेख संकलन) — किताब घर, नई दिल्ली, सन् 2006.
10. विरासत (धारावाहिक) — किताब घर, नई दिल्ली, सन् 2008.
11. मैं ऐसा ही हूँ, काव्य संग्रह, विश्व हिंदी साहित्य परिषद्, नई दिल्ली, सन् 2011.
12. बुँद बुँद बनती सरिता (काव्य संकलन) 2013.
13. एक पत्थर तो तबियत से (युवाओ हेतु प्रेरक लेख—संग्रह) 2013
14. अँगूठा छाप हस्ताक्षर (व्यंग्य संग्रह) 2014
15. संघर्ष मीमांसा (काव्य—संग्रह अंग्रेजी अनुवाद सहित) 2015
16. चिंतन के साहित्यिक रंग (शोधपरक साहित्यिक निबंध-संग्रह) हिंदुस्तानी भाषा अकादमी, नई दिल्ली सन 2018
17. संघर्ष मीमांसा (काव्य-संग्रह, मराठी अनुवाद सहित) विश्व हिंदी साहित्य परिषद्, नई दिल्ली सन 2019

रचना का शीर्षक	विधा	पत्रिका का नाम आदि	अंक/पृष्ठ संख्या
भारत निर्माण में डिजिटल मीडिया और उसकी भूमिका	लेख (शोधपरक)	संवाद पथ, नई दिल्ली ISSN	नववरी-मार्च 2019 पृ. 94-99
विदेशी भाषाएँ रोजगार तो दे सकती हैं पर संस्कार नहीं	साक्षात्कार	हिंदुस्तानी भाषा भारती, नई दिल्ली	जनवरी-जून 2019 पृ. 19-21
वर्तमान परिवेश और बच्चे	लेख(विचारात्मक)	इस्पात भाषा भारती, नई दिल्ली	मई-सितंबर 2019 पृ.42-44

प्रेमचंद पर शोध की अपार संभावनाएँ – डॉ. गोयनका	साक्षात्कार	अक्षरा, भोपाल	जुलाई 2019 पृ. 51-57
गाँधी जी एवं विज्ञान	लेख(विचारात्मक)	आधुनिक साहित्य, नई दिल्ली	जुलाई-दिसंबर 2019 पृ. 22-23
गाँधी जी और स्वदेशी	लेख(विचारात्मक)	यूथ कैम्पस, नई दिल्ली	अक्टूबर 2019 पृ. 24
गाँधी जी का चिंतन	लेख(विचारात्मक)	यूथ कैम्पस, नई दिल्ली	अक्टूबर 2019 पृ. 25-26
गाँधी जी एवं विज्ञान	लेख(विचारात्मक)	यूथ कैम्पस, नई दिल्ली	अक्टूबर 2019 पृ. 27
कैसी नारी मुक्ति	लेख(विचारात्मक)	मारा दृष्टिकोण -स्मारिका, जयपुर	अक्टूबर 2019 पृ. 13-14
नागरी की पुरानी बर्तनी छोड़िए, नई से नाता जोड़िए	लेख(विचारात्मक)	नागरी संगम, नई दिल्ली	नवम्बर-मार्च 2020 पृ. 13-16

Reena Chadha

Books

1. Chadha, Sumant and Chadha, Reena -Corporate Laws, Mayur Paperbacks, New Delhi, 2011.
2. Company and Compensation Laws, Mayur Paper backs, New Delhi, 2012.
3. Chadha, Sumant and Chadha, Reena -Corporate Laws, Mayur Paperbacks, New Delhi, 2011.
4. Chadha, Sumant and Chadha, Reena-Corporate Laws [As Amended by the Companies (Amendment) Act, 2020], Scholar Tech Press, Delhi, 2021
5. Chadha, Sumant and Chadha, Reena-Company Laws [As Amended by the Companies (Amendment) Act, 2020], Scholar Tech Press, Delhi, 2020

Ravi Kant

1. Verma, N. M. P., Gaur, M., & Kant, R. (2020). GDP Movements in High and Moderate HDI Economies: An Empirical Investigation. *Archives of Business Review-Vol, 8(6)*.
2. Gaur, M., Kant, R., & Verma, N. M. P. (2020). Macro-Economic Determinants of High Technology Exports. *European Journal of Business and Management Research, 5(5)*.
3. Gaur, M., & Kant, R. (2020). The Role of Government and Governance in Human Development: A Study of very High Development Economies. *European Journal of Business and Management Research, 5(5)*.
4. Gaur, M., & Kant, R. (2021). Can Narrative Economics Justify Economic Fluctuations and Inequality? An Approach from Micro to Macro Perspective. *Theoretical Economics Letters, 11(01), 1*.
5. Gaur, M., & Kant, R. (2020). The digitalization of Indian Education System: A Macro Perspective. *International Journal of Multidisciplinary*.

Renu Agarwal

Articles

1. Verma, D.P.S. and Agarwal. Renu- “Recent Liberalisation measures: Impact for Indian markets” *Management Review - Vol. 17 IV*.

2. Agarwal, Renu and Jain, Sanjay - "Strategic approach to Advertising Agency Management- A comparative study- "Business Analyst-vol.12No.1 July-December 1991.

Richa Gupta

Research Papers

1. Research Paper titled "*Venture Capital in India: A Review of Literature*" published in International Journal of Research in Commerce, Economics & Management, 2015, 5(5), 80-87, ISSN 2231-4245.
2. Research Paper titled "*Venture Capital in India: A Study of Time Gap of Investments*" published in Indian Journal of Applied Research, 2017, 7(7), 333-334, ISSN 2249-555X.
3. Research Paper titled "*Evaluation of Factors that Affect Venture Capital Investment: Evidence from India*" published in Scopus indexed Global Business Review, 2020, 1-17, online first, ISSN 0973-0664.

Conference Presentation

1. Presented paper titled "Venture Capital In India-A Study of Investments During 2004-2016" in International Conference on Advances in Business and Information Technology and Doctoral Colloquium, held at Kigali, Rwanda on March 1-2, 2017.

Rituranjan

Book

1. Rituranjan, MicroEconomics: Theory and Applications, Vol.1 and Vol.2 New Delhi: Books India International, 1999.

Articles

1. Rituranjan, "A Quantitative Analysis of Inflationary Trends in India", Business Analyst, New Series, Vol.2, No.2, October-March2007-08.
2. "Indian Economy: Which Way Now? – A Report", Business Analyst, New Series, Vol. 1, No. 2, October-March2006-07.
3. "Financial Reforms and the Efficiency of the Indian Financial System", Business Analyst, New Series, Vol1, No.1, April-September2006.
4. "Globalization and the New Wave of International Trade Blocks", Business Analyst, Vol.21, No.2, July-December2004.
5. "Socio Political Dimensions of Institutional Credit Allocation in India", Business Analyst, Vol.21, No. 1, January-June, 2000.
6. "Ethical Issues in Business and Finance", Business Analyst, Vol.20, No.2, July- December,1999.
7. "Value of Transactions Time and Recent Developments in the Theory of Demand for Money", Business Analyst, Vol19, No.2, July-December, 1998.
8. "Emerging Structure of the Indian Financial System" Business Analyst, Vol.19, No. I, January-June, 1998.

9. Implication of Inter linkages between Growth of Financial Sector and Economic Development for Indian Business”. Business Analyst, Vol.18, No.2July-December 1997.
10. Parallel Economy in India: The Problem of Quantification?” Business Analyst, Vol.18, No. I, January-June,1997.
11. The Demand for money in India: An Econometric Analysis”. Business Analyst, Vol. 17, No. I, January-June,1996.
12. "Demographic Dividend and Demography – Development Link", Business Analyst, Volume 35, Issue 2, October 2014 – March,2015.
13. "Financial Inclusion in India: Retrospect and Prospects", Business Analyst, Volume 35, Issue1, April-September, 2014.
14. "Inflation: A Significant Obstacle to the Growth of Indian Economy", Business Analyst, Volume32, Issue1, April-September, 2011.
15. "Resilience of the Indian Economy", Business Analyst, Volume 31, Issue1, April- September, 2010.

Ruchi Kaushik

Books

1. Published Cambridge Listening and Speaking XI (2014). UK: Cambridge University Press.
2. Co-authored and co-edited Language, Literature and Creativity II (2013) with Mukti Sanyal et al. Delhi: Orient Blackswan and Delhi University.

Book Chapters

1. Chapter titled “Sensitizing Students to Social Issues in Literary Texts: Rethinking Gender” in Khanna & Gupta ed. Essential Readings for Teachers of English: From Research Insights to Classroom Practices (2012). Delhi: Orient Blackswan.
2. Kaushik, Ruchi. (2020). "Quality and Integrity are essential features of Distance Learning: An interview with Richard Allen." In Sethi & Khanna (eds.) *Dialogues: English Studies in India*. Delhi: Aakar. pp. 183-190. ISBN 978-93-5002-626-7.

Research Publications

1. Article titled "Rethinking Teaching and Learning of English: Exploring the Perceptions of Students for Developing Needs-based Materials in FORTELL: Journal for teaching English Language and Literature, Issue no.32, January, 2016. ISSN.NO. Print: 2229-6557, online: 2394-9244.
2. Co-Guest Editor, FORTELL: Journal for Teaching of English Language and Literature, Issue no.30, January 2015. ISSN.NO. Print 2229-6557, online 2394-9244.
3. Published an article titled “Interdisciplinary Crossings in Classroom Interactions” in Urdhva Mula: Roots Upwards, an Inter Disciplinary Women’s Studies Journal, Vol.5, No.1, 2008. Bombay: Bombay University Publication.

Paper Presentations

1. Presented a paper titled 'Issues and challenges of being English teachers-cum-materials developers: A perspective' in the National Conference organized by Central Institute of Education, Delhi University on 3 March 2017.
2. Awarded the US State Department Individual Award to present a paper in the workshop mode titled “Designing Games for Language Gains: Enhancing Speaking Skills Amongst Learners” (on 7th April) at the 50th TESOL 2016 International Convention & English Language Expo from 5-8 April 2016 in Baltimore, Maryland, USA.
3. Presented a paper on “Teaching and Learning of English in Indian Universities” at the International Workshop on Prospects for English Studies: India and Britain Compared jointly organized by Open University, UK and Jawahar Lal Nehru University on 5-6 April, 2012.
4. Co-presented a paper with Mukti Sanyal et.al. on “Are You Listening? Designing Innovative Listening Tasks at the Tertiary Level” at the 10th Asia TEFL (Teaching of English as a foreign Language) International Conference held in Delhi from 4-6 October, 2012 in Delhi.

Book Review

1. Published a book review of Task-Based Language Learning and Teaching with Technology in Language and Language Teaching Issue no. 7, Number 1, Volume 4, January 2015.

Online Lecture

1. Video lecture on "Role of the teacher in developing students' communication skills" for ARPIT Refresher Course in Commerce, organized by National Resource Centre, Shri Ram College of Commerce. (Posted 3 December, 2019; duration 30:44).

Participation in Conferences/Workshops

1. Participated in an international workshop on " Cross-cultural Communication and Negotiation" organized by Delhi School of Business, Pitampura on 10 July, 2019.

Ruchika Choudhary

Research Publications

1. Choudhary R., Shastri M. (2020) “Private Equity Funds in India: A critical Review”. Shodh Sarita, Volume 7 Issue 25 January to March 2020.

Research Presentation

1. Presented research paper titled, “Private Equity Funds in India: A critical Review”, at the 5th Global Leadership Research Conference 20220 held at Amity Business School, Noida from 25th – 27th February, 2020.

Sakshi Gambhir

Research Paper Presentations

1. Presented paper titled “Conceptualization and Measurement of Air Pollution Index (API) in the South Asian Context” at the two-day International Conference “Ensuring a Sustainable Future: Role of Entrepreneurship, Innovations in Management Practices, and Circular Economy” organized by Shri Guru Gobind Singh College of Commerce in collaboration with Sydney Business School held at Shri Guru Gobind Singh College of Commerce, March 6-7, 2020.
2. Received the Best Paper Award for the paper titled ‘Conceptualization and Measurement of Air Pollution Index (API) in the South Asian Context’ presented under Conference Track Theme 4: Towards a Circular Economy – Environmental stewardship and sustainability at the two-day International Conference “Ensuring a Sustainable Future: Role of Entrepreneurship, Innovations in Management Practices, and Circular Economy” organized by Shri Guru Gobind Singh College of Commerce in collaboration with Sydney Business School held at Shri Guru Gobind Singh College of Commerce, March 6-7, 2020.
3. Presented paper titled “Conceptualization and Measurement of Energy Index (EI) in the South Asian Context” at the 4th International Technium Conference “New Decade on Social Sciences, Sustainable Future and Technology Development” organized online by Technium Science, May 30, 2020.

Saumya Aggarwal

Research Publications

1. Co-authored research paper with Prof. Ajay Kumar Singh titled “Developmental, Relational, and Facilitating (DRF) Organisational Culture Scale: An Empirical Study in Select Colleges of University of Delhi” is accepted for publication in *Global Business Review*. The journal is indexed with ABDC, and Scopus.
2. Co-authored research paper with Aditi Agrawal and Suvasini Sherchan, titled “Turnaround Strategy for Air India” published in *PRAGATI: Journal of Indian Economy*. Jan-Jun 2020, Vol. 7(1), pp. 121-138. DOI: 10.17492/pragati.v7i1.195428. The Journal is indexed with Index Copernicus International (ICI), EBSCO, Summon (ProQuest), and Indian Citation Index.
3. Co- authored research paper with Bhawna Rajput and Shweta, titled “Evaluation of Pro-Environmental Behaviour: A Study on effect of Self-Identity on Pro-Environmental actions”, published in *MANTHAN: Journal of Commerce and Management*, July-December 2018, Vol. 5(2), pp. 86-102. The Journal is indexed with Index Copernicus International (ICI), EBSCO, Summon (ProQuest), and Indian Citation Index. DOI: 10.17492/manthan.v5i2.14323
4. Authored research paper titled “Organisational Culture: A Comparative Study of Public Sector and Private Sector Banks in East Delhi”, published in *PRAGATI: Journal of Indian Economy*, July-December 2018, Vol. 5(2), pp. 87-100. The Journal is indexed with Index Copernicus International (ICI), EBSCO, Summon (ProQuest), and Indian Citation Index. The paper has 455 views and 83 downloads on SSRN. DOI: 10.17492/pragati.v5i2.14378

5. Co-authored research paper with Dr. Pooja Gupta, titled “An Investigation into Adoption of E-filing”, published by the Blue Rose Publishers in the May edition 2018 Research Book “Emerging Research Paradigms in Commerce” by Dr. Manisha Verma, ISBN 978-93-87923-76-8. The paper has 13 views on SSRN.
6. Co-authored research paper with Dr. Pooja Gupta, titled as “Study of Unicorn Start-Ups Management and Profitability”, published by the Bharti Publications in the First Edition 2018 Research Book “Human Resource Management: Changing Perspectives, Strategies and Practices” by Dr. Rajanikant Verma, ISBN 978-93-86608-59-8. The paper has 467 views and 122 downloads on SSRN.
7. Mentored Pragati Soni, SRCC, Bcom hons. IInd year student for the research paper titled as “Reviving the Handicrafts of India”. The paper is published in the “Strides”, July-December, 2018, 3(1),115-133.
8. Mentored Janvi Khedia and Madhvi Sharma, SRCC, Bcom Hons, IInd year students, for the Research Paper titled as “Exploring Multitasking: A Boon or a Bane”, published in the “*Strides*”, ISSN 2581-4931, 2018 edition, Student’s Research Journal of Shri Ram College of Commerce, 2(2), 117-126.
9. Mentored Arpit Chawla, and Niti Banka, SRCC, Bcom Hons., IIIrd Year Students, for the Research Paper titled as “Accentuating Corporate Compliances: A Trade-Off Between Pellucidity and Ease of Doing Business”, published in the “*Strides*”, 2017-18, Student’s Research Journal of Shri Ram College of Commerce, 2(1), 67-76.

Research Papers Presented

1. Presented paper on the title “Developing Organisational Culture in Higher Education: An Empirical Analysis of University of Delhi” at the International Conference on Globalization, Trade and Economic Policy: Way Towards Achieving Sustainable Development organized jointly by Kyung Hee University and Shri Ram College of Commerce from 18th to 19th October, 2019 at Seoul, South Korea.
2. Participated and presented a paper on “Developing Instrument of Organizational Culture: A Study of the Select Colleges of the University of Delhi.” in the 1st Management Education and Research Colloquium (MERC) Organized by Indian Institute of Management Kashipur on June 06-07, 2019.
3. Presented a paper on “Analysis of Funding of Unicorn Startups” in the 5th Annual International Commerce Conference on “Startup to Sustainability: Initiatives and Challenges” held on November 4-5, 2016.

Resource Person

1. Took 2 sessions on the contemporary issues like changing workplace environment, new workplace models, changing work psychology, deception, and servant leadership in the five-day online FDP on “Emerging Paradigms in Organisational Behaviour” from July 5, 2021 to July 6, 2021. The FDP was held under the aegis of ATAL Academy established by the AICTE.

2. Moderated Panel Discussion on the topic: “New Age Marketing Strategies vs Traditional Marketing Strategies” on 11th February, 2020 at Shaheed Rajguru College of Applied Sciences for Women, University of Delhi.
3. Making of a video lecture for 1 hour on the topic “Emerging Issues in the area of Direct Taxation with special focus on simplification of Direct Tax”, a MHRD project for the development of online content of the refresher course for the teachers across the country. It is also available at the following link:
<https://www.youtube.com/watch?v=eAYVfLEIzi4>,
<https://www.youtube.com/watch?v=jXF9NTXwFZI>

Book Reviews

1. Self-written Book Review on the Book titled as “Confidence: The Surprising Truth about How Much you need and How to Get it” authored by Tomas Chamorro, was published in the Business Analyst, SRCC Research Journal, ISSN 0973-211X, 38(2).

Soumitra Kumar Choudhury

Book

1. Choudhury, Soumitra Kumar, Anjana N. Dev et.al. (Deptt. Of English, University of Delhi), Business English, New Delhi: Pearson Longman, 2008.

Book Reviews

1. Choudhury, Soumitra Kumar. “The Lady Hippopotamus and Other Stories by Rajiva Wijesinha, Colombo: English Writers Cooperative of Sri Lanka, 1991”. “Giriya by Punyakante Wijenaik, Colombo: State Printing Corporation, [1970; rep.]1990”. “Yukthi and Other Stories by Punyakante Wijinaik, Himbutuwelgoda, Kalaniya, Sri Lanka: New Kelani Printers, 1991”. In-Between: Essays and Studies in Literary Criticism. I, II, September 1992, pp.181-185.
2. “Fire Beneath the Cauldron: A Canadian Fiction Anthologyed by Geoff Hancock, Saskatoon: Thistle down Press,1991.” In-Between: Essays and Studies in Literary Criticism.II, I, March1993, pp.103-105.
3. “Western Ice landic Short Stories ed. And trans. By Kirsten Wolf and Army Hjaltadottir, Winnipeg: University of Manitoba Press, 1992.” In-Between: Essays and Studies in Literary Criticism. II, I, March1993, pp.111-114.
4. “The Book of Heroes: A Collection of Light Verse and Much Worse by Tabish Khair, Delhi: Rupa, 1994.” The Weekend Observer (Observer of Business and Politics) New Delhi ed n. Decembers,1994.
5. “The Narrator: A Novel by Makarand Paranjape, Delhi: Rupa, 1995”. The Weekend Observer (Observer of Business and Politics). New Delhi edn. March25, 1995.
6. “British Life in India: An Anthology of Humourous and Other Writings ed. by R.V. Vernede, Delhi: OUP, 1995”. The Weekend Observer (Observer of Business and Politics) New Delhi ed. May 6,1995.

7. "Looking Through Glass by Mukul Kesavan, New Delhi: Ravi Dayal, 1995". The Weekend Observer (Observer of Business and Politics) New Delhi ed. June10, 1995.
8. "Science and the Raj by Deepak Kumar, Delhi: OUP, 1995." The Weekend Observer (Observer of Business and Politics) New Delhi edn. June 24,1995.
9. "Patrons and Philistines: Art sand the State in British India by Pushpa Sundar, Delhi: OUP, 1995." The Weekend Observer (Observer of Business and Politics). New Delhi ed. November 11,1995.
10. "Raj Constructs of Women', Women and Empire: Representations in the Writings of British India by Indrani Sen, Delhi: Orient Longman, 2002." Frontline, March 26,2004.
11. Travels to Europe: Self and Other in Bengali Travel Narratives, 1870-1910 Simonti Sen (New Perspectives in South Asian History; New Delhi: Orient Longman,2005) in Social Scientist, Vol.34, Nos.7-8, July-August2006.
12. Memsahib's Writing: Colonial Narratives on Indian Women edited by Indrani Sen, Delhi: Orient Longman, 2008 in Social Scientist 438-439, November-December,2009.

Articles

1. "For Truth's Defence: On Literary Satires." The Weekend Observer (Observer of Business and Politics) New Delhi ed. Decembers, 31994.
2. "Appropriating Academia: On Campus Novels." The Weekend Observer (Observer of Business and Politics) New Delhi ed. December17,1994.

Interviews

1. "Indian Poetry Lacks Humour: An Interview with Tabish Khair". The Weekend Observer (Observer of Business and Politics) New Delhi edn. Decembers,1994.
2. "A Pseudo-Historical Novel: An Interview with Mukul Kesavan". The Weekend Observer (Observer of Business and Politics) New Delhi edn. July 22, 1995.

Shailesh Kumar Chawla

Book

1. Chawla, Shailesh K. Essential Business Communication. New Delhi: Mayoer Publications, 2005.

Sunita Sharma

Book Chapter

1. Co-authored book chapter titled "A Survey of Portfolio Optimization with Emphasis on Investments Made by Housewives in Popular Portfolios", published in P.K. Kapur, O. Singh, S.K. Khatri, A.K. Verma (Eds.) Strategic System Assurance and Business Analytics, Springer Nature Singapore Pte Ltd. 2020, Asset Analytics, pp. 325-333, ISSN 2522-5162,

ISSN 2522-5170 (electronic), ISBN 978-981-15-3646-5, ISBN 978-981-15-3647-2 (eBook).

Research Publications

1. Paper titled “Optimal Control Policy to Production and Inventory System with Promotion Effort Dependent Demand in Segmented Market”, published in Scopus Indexed Yugoslav Journal of Operations Research, 2021, pp. 207-219, Volume 3, Issue 2, ISSN 03540243.
2. Paper titled “Optimal Promotional Effort Policy for Innovation Diffusion Model in a Fuzzy Environment”, published in Scopus Indexed Journal of Information Technology Management, 2021, pp. 142-161, Volume 13, Issue 1, Print ISSN:2008-5893, Online ISSN: 2423-5059.
3. Paper titled “Optimal Promotional Effort Policy in Innovation Diffusion Model Incorporating Dynamic Market Size in Segment Specific Market”, published in Scopus Indexed International Journal of Mathematical, Engineering and Management Sciences, 2020, pp. 682-696, Volume 5, Issue 4, ISSN: 2455-7749.
4. Paper titled “Pareto Optimal Solutions of the Fuzzy Bicriteria Sheet Metal Problem”, published in Web of Science indexed Indian Journal of Science and Technology, 2017, Vol 10(24), pp. 1-10, June 2017, ISSN (Print) : 0974-6846, ISSN (Online) : 0974-5645.
5. Paper titled “Efficient solutions of the interval valued bicriteria shortest path problem”, published in International Journal of Mathematical Archive, 2015, 6(5), pp.1-9, Available online through www.ijma.info, ISSN 2229 – 5046.
6. Paper titled “A fuzzy membership approach to obtain efficient solutions of the interval valued bicriteria shortest path problem”, published in Turkish Journal of Fuzzy Systems, 2015, An Official Journal of Turkish Fuzzy Systems Association, Vol.6, No.1, pp. 001-016, eISSN: 1309–1190.

Paper Presentations

1. Presented paper titled “Optimal Promotional Effort and Pricing Policies for a Multiple Item Innovation Diffusion Model involving Fuzzy Parameters”, published in Proceedings of the International Conference on Industrial Engineering and Operations Management; Singapore, March 7-11, 2021, pp. 6186-6197, ISSN 2169-8767.
2. Presented paper titled “Feasible Solution of the Time Table Assignment Problem to Faculty”, at the 4th International Conference on “Recent Advances in Mathematical Sciences and its Applications(RAMSA-2020)” during January 09-11, 2020, at Jaypee Institute of Information Technology, Noida, Uttar Pradesh, India, published in AIP Conference Proceedings 2214, 020031, March 2020, ISBN: 978-0-7354-1967-4.

3. Presented paper titled “Incorporating Dynamic Potential market in Innovation Diffusion Model Using Stochastic Differential Equation”, published in Proceedings of the International Conference on Industrial Engineering and Operations Management; Bangkok, Thailand, March 5-7, 2019, pp. 2054-2058, ISBN: 978-1-5323-5948-4, ISSN: 2169-8767.
4. Attended and presented paper entitled “Employing Mathematical Methods and Techniques for Solutions of Problems in Physics”, during the National Conference on Emerging Trends in Information Technology, Kalindi College, University of Delhi, Aug 1-2, 2019.
5. Presented paper titled “Incorporating repeat purchasing in Innovation Diffusion Model Using Stochastic Differential Equations, published in Proceedings of the International Conference on Industrial Engineering and Operations Management; Bandung, Indonesia, March 6-8, 2018, pp. 931-937, ISSN: 2169-8767 (U.S. Library of Congress), ISBN: 978-1-5323-5944-6.
6. Presented paper titled “Optimal solutions of the fuzzy bicriteria sheet metal problem”, at National Seminar on Recent Developments in Mathematics, Kalindi College, University of Delhi (January 12-13, 2017).

Refresher Program and Faculty Development Programs

1. Participated in the Refresher Course in Mathematics organized by Department of Mathematics, Ramanujan College in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi, New Delhi, during March 16 – March 30, 2021.
2. Participated in One week Faculty Development Programme on “Mathematica - A System For Modern Technical Computing” organised by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delh, 21st– 26th August, 2020.
3. Participated in the Faculty Development Program on "MOOCs and e-content development" organized by Internal Quality Assurance Cell (IQAC), Deen Dayal Upadhyaya College (University of Delhi) in association with SWAYAM (An initiative of MHRD) and Consortium for Educational Communication (CEC), July 13-17, 2019.
4. Completed NPTEL 12 week online AICTE Approved FDP course on “Financial Mathematics”, conducted by Prof. Pradeep K. Jha, Department of Mechanical & Industrial Engineering, Indian Institute of Technology, Roorkee during Jan-April 2019.
5. Participated in Faculty Development Program cum Workshop on Climate Across the Curriculum: Resources for Integrating Climate Topics in Discipline-Specific Teaching, Organized by Sri Venkateswara College, University of Delhi In Collaboration with IISER Pune on October 13th - 14th, 2018.

6. Attended “Faculty Development Programme on Statistical Computing Software R”, organized by Department of Mathematics, Keshav Mahavidyalaya, University of Delhi held on 24 March, 2017.
7. Attended Faculty Development Programme on Computer Algebra System and Latex, Shyam Lal College, University of Delhi (February 16-17, 2017).

Saurabh Gupta

Paper Presentations and Publications

1. Paper titled “External Commercial Borrowings” Published in UGC listed journal named as “Journal of Information and Computational Science” in July 2019 Volume-9, Issue-7, ISSN NO -1548-7741.
2. Paper titled “De-marketing Tourism in India and Significance for Sustainability” Published in a reputed and peer-reviewed journal named Primax International Journal of Commerce and Management Research (PIJCMR) in a special issue in the month of August 2020, ISSN NO – Print-2321-3604, online- 2321-3612.
3. Chapter titled “Pursuit of self-reliant India: issues, challenges and opportunities” is published in a book titled " Self-reliant India: Issues & challenges" authored by A. Ibemcha Chanu in the month of march 2021, Print ISBN NO- 978-93-85767-64.
4. Presented a paper titled “New Education Policy: Impact on higher education and challenges” at national seminar (virtual) conducted by Shri Ram College of Commerce on 20th march 2021.
5. Presented a paper titled “De-marketing Tourism in India and Significance for Sustainability” in a three-day international conference on “Innovations for new normal” conducted by Government Degree College- Parkal, Warangal rural, Telangana State on 23rd August 2020.
6. Received best abstract award in a national conference organized by IQAC in collaboration with Post graduate and research department of commerce, Nirmala College Muvattupuzha on 3rd June 2020.
7. Presented paper titled “Development of Hierarchical Model for Branding of Sustainable Indian Cooperative Movement” at two-day 13th International conference “Way Towards Achieving Sustainable Development” organized/co-hosted by YUE(MYANMAR), KOMYRA (SOUTH KOREA), KHU (SOUTH KOREA), SRCC(INDIA) supported by National Research Foundation of Korea at Seoul, South Korea in the month of October 2019 on 18th and 19th.
8. Presented paper titled “Universal Basic Income: A boon for Income Inequality” at two-day 102nd annual conference of “Indian Economic Association (IEA)” hosted by AURO UNIVERSITY, SURAT, GUJRAT, INDIA in the month of December 2019 on 27th, 28th and 29th.
9. Presented paper titled “De-marketing for Injurious Consumption in India With Special Reference To Tobacco’s (*Best Paper Award*)” at two-day International Conference “Road Map To Sustainability: Environment And Health” organized by post-graduate department of Economics, Sri Guru Gobind Singh College, Punjab University, Chandigarh sponsored by Indian Council of Social Science Research and Ministry Of Human Resource Development (Govt. Of India) in the month of March 2020 on 5th and 6th.

10. Presented paper titled “Collaboration of Human Resource demand of industry@4.0 with supply of educational institutions- A step towards talent management” at the 3rd HR seminar held at prestige Institute of Management, Gwalior on November 17, 2018.

Resource Person/Distinguished Speaker

1. I worked as a Resource person for the online MOOC portal SWAYM, course name “ARPIT” for a national level FDP on the topic “Social Stock Exchange” organized/sponsored by Ministry of Human Resource Development in the month of September 2019.
2. I was invited by Sri Ram Group of Institutes, Jabalpur, Madhya Pradesh to deliver special lectures on the topic “Business Communication” on 28th and 29th February 2020 to Under-graduate and Post-graduate commerce and management students respectively and further the same institute again invited me on 13th and 14th march 2020 to give special lecture on “GST AND ITS IMPLICATIONS”, and both the invitations were accepted and lectures were delivered successfully on all 4 days.
3. Recently got associated with TCS as “Subject Matter Expert (SME)” in the year 2020 for commerce subjects.

Saumya Aggarwal

Published Research Articles

1. Authored "Developmental, Relational and Facilitating (DRF) Organizational Culture Scale: An Empirical Study in Select Colleges of University of Delhi" published online in Scopus Indexed Global Business Review Journal, 2020, ISSN 0973-0664
2. Co-Authored "Turnaround Strategy for Air India" published in Indian Citation Index (ICI) PRAGATI: Journal of Indian Economy, 2020, 7(1), 121-138, ISSN 2347-4432

Resource Person

1. Conducted online sessions in the Faculty Development Programme on "Emerging Paradigms in Organisational Behaviour" on July 05, 2021 and July 06, 2021 held under the aegis of ATAL Academy established by the AICTE.

Shefali Kapoor

Research Paper Publications

1. Kapoor Shefali, Singh Ajeet, “Algebraic Coding Theory in The Quest for Efficient Digital India” International Journal of Advance Technology in Engineering and Science (IJATES), ISSN: 2348-7550, Volume No. 4, Issue No. 12, pp. 84- 92, AR Publications. (2016)
2. Kapoor Shefali, Singh Ajeet, “Establishing the role of Rank metric Codes for Error correction in Random network coding”, International Journal of

Mathematics Research (IJMR), ISSN: 0976-5840 Volume 8, Number 3, pp. 193-198, International Research Publication House. (2016)

3. Kapoor Shefali, Singh Ajeet, "Achieving Reliable Digital Data Communication through Mathematical Algebraic Coding Techniques", International Journal of Pure and Applied Mathematical Sciences (IJPAMS), ISSN 0972-9828, Volume 9, Number 2, pp. 183-190, Research India Publications. (2016)
4. Kapoor Shefali, Ramaraju G.V, "Algebraic Coding Techniques to the Aid of Information Security in Achieving Reliable Internet Banking", International Journal of Advance Research in Science and Engineering (IJARSE), ISSN -2319-8354, Volume No.6, Issue No. 10, pp. 971-977, A R Publications. (2017)

Research Paper Presentations

1. Paper titled "Achieving Reliable Digital Data Communication through Mathematical Algebraic Coding Techniques" presented at "The Golden Jubilee National Conference on Recent Advances in Statistics & Applications", November 15 – 17, 2013, organized by the School of Studies in Statistics, Pt. Ravishankar Shukla University, Raipur- 492010, Chattisgarh, India.
2. Paper titled "Establishing Role of Rank - Metric Codes for Error Correction in Random Network Coding" presented at the "Prof. G. V. K. Sinha Memorial Science Colloquium" on 20th March, 2015, organized by the Lingaya's University, Faridabad, Haryana.
3. Paper titled "Algebraic Coding Theory in the Quest for Efficient Digital India" presented at the 6th International conference on Science, Technology and Management (ICSTM-16) 4th December, 2016, India International Centre, Max Mueller Marg, New Delhi.

Participation in FDP's and National/International Conferences

1. Participated & obtained grade A+ in the one-week Online Faculty Development Programme on "ICT Enabled Teaching Learning", September 7th -13th, 2020, organised by the Teaching Learning Centre, Ramanujan College and Janki Devi Memorial College, University of Delhi under the under the PMMMNMTT scheme, MHRD, Govt. of India.
2. Participated in the one-week Faculty Development Programme on "Mathematica- A System for Modern Computing", 21st-26th August, 2020, organised by the Mahatma Hansraj Faculty Development Centre, under PMMMNMTT scheme MHRD, Govt. of India, Hansraj College, University of Delhi.
3. Participated in the two weeks Development Programme on "Getting started with Data Analysis using Microsoft Excel", August 4th -17th 2020, organised by the Ramanujan College, University of Delhi in collaboration with the Mathematical Sciences foundation.

4. Participated in the five days National Webinar Series on “Financial Mathematics: Pedagogy and Career Perspectives”, July 27th-31st 2020, organised by the Department of Mathematics, Lady Shri Ram College for Women, University of Delhi.
5. Participated in the seven days Development Programme, “Mind-Sets, Knowledge-sets and Skill-Sets for 21st Century Youth: Innovations and Adaptations”, from 27th May-3rd June 2020, organised by the Internal Quality Assurance Cell”, Shri Ram college of Commerce, University of Delhi.
6. Participated in the three days “International Conference on Corporate Finance, Governance & Sustainability”, 21st – 23rd, October 2016 at the Delhi School of Business, VIPS Technical Campus, Pitampura, New Delhi-110034, Organized by Delhi School of Business jointly with University of Mauritius, University sans Malaysia, ESCP Europe.

Shalini Rawal

Publications

1. “GST panorama and its impact on various stakeholders” in International Research Journal (2017) (Jyotirmay Research Journal of Education.) – ISSN: 2454-6070. (co-author: SVP Singh)
2. “Competitive behaviour of outward Foreign Direct Investment from India” Business Analyst: Business Analyst, ISSN 0973 - 211X, 41(1), 3-22 (co-author: Dr. Manoj Kumar Sinha)
3. Sinha, M. & Rawal, S. (2020). Competitive Behaviour of Outward Foreign Direct Investment from India. Business Analyst. 41(1). 3-22.
4. Sinha, M. & Rawal, S. (2020). Composition of Outward Foreign Direct Investment from India. Management Insight. 16(1).
5. Sinha, M. & Rawal, S. (2020). Dynamics of India’s Foreign Direct Investment in SAARC Region. Journal of Business Studies. 11

Presentations

1. Received the Best paper award for the paper titled “Composition and Direction of Outward Foreign Direct Investment from India” in the technical session Emerging Economies: A new economic order” held at ICSSR Sponsored National Seminar at Sri Aurobindo College, University of Delhi on January 18-19, 2019.
2. “Competitive Behaviour of Outward Foreign Direct Investment from India”-presented in 6th IIFT International Conference held on 13-14 December, 2018.
3. Presented paper on “Doing Business Report, 2018: India, its Position and Scope for improvement” in “Emerging Dimensions of Indian Business and Economy: Pace and Pattern” held at Sri Aurobindo college on February 23-24, 2018.
4. Presented a paper on “Make in India Campaign and Status of IFDI and OFDI: an analysis from 2014-2017” at the international Conference on Sustainable Development and the World Economy, organized by

Department of Commerce, Janki Devi Memorial College, University of Delhi on February 4-5, 2019.

5. Presented a paper on “Make in India Campaign and status of OFDI: An analysis from 2014-17” at the international Conference on Sustainable Development and the World Economy, organized by Department of Commerce, Janki Devi Memorial College, University of Delhi on February 4-5, 2019.
6. Presented a paper on “FDI and Make in India: An analysis of FDI inflow from April 2014 to March 2017” in the UGC sponsored International Conference on “Indian economic transformation through revival of manufacturing sector and start-up ecosystem” organized by Department of Commerce, Ramanujan College on 21-22 September, 2017.
7. Presented a paper on “Goods and Service Tax” in 5th Annual International conference on Commerce held at Delhi School of Economics, Delhi University.

Shikha Makkar

Chapters Published

1. 2016: Paper titled “Marketing of products sold by spiritual organizations: An Analysis”, in an edited volume of book titled “Marketing in the 21st century: issues and challenges” by Shaheed Bhagat Singh College, University of Delhi, ISBN: 978-93-85000-73-7, (p. 126-137).
2. 2016: Paper titled “Spirituality, ethical behavior and corporate social responsibility- The influence of affinity”, published in an edited volume of a book titled “New horizons for leveraging business” by the Department of Commerce, University of Delhi, ISBN: 978-81-261-6498-1, (p. 1-19).

Research Paper Publications

1. 2020: Paper titled “A conceptual development of Spiritual Leadership Model” in International Journal of Business and Globalisation, Inderscience Publishers. Scopus Indexed, Listed in ABDC List of Journals.
2. 2020: Paper titled “Diversity Management in Higher Education in India” in Our Heritage Journal (Vol. 68 No. 51), Listed in UGC-Care List of Journals, ISSN: 0474-9030, (p. 33-40).
3. 2019: Paper titled “Spirituality Measurement Scale: An Empirical Study” published in Purushartha Journal, School of Management Studies (Vol. 12 No. 1). Scopus Indexed, ISSN:0975-024X, (p. 21-31).
4. 2018: Paper titled “Development of a spirituality measurement scale” published in Current Psychology Journal, Springer Nature (p. 1-8). Scopus Indexed, with Impact factor 2.208. Listed in Thomson Reuters. Online ISSN: 1936-4733 DOI: <https://doi.org/10.1007/s12144-018-0081-7>
5. 2015: Paper titled “Relationship between spirituality and corporate social responsibility-An empirical study” (also awarded for best paper presentation), in Journal Abhinav Prabandhan, Sri Sharada Institute of Indian Management-Research, NewDelhi, ISSN: 2249-5339, (p. 660-689).
6. 2020: Paper titled “A conceptual development of Spiritual Leadership Model” in International Journal of Business and Globalisation, Inderscience Publishers. Vol.26 No.3, pp.239 - 252, DOI:

Paper Presentations

1. 2020: Presented a research paper titled “Diversity Management in Higher Education in India” (Received the Best Paper Award) at the Two-day National Conference on “Exploring Spiritual Foundations of Leadership and Management” at DME Management School, I. P. University, Noida on 14th-15th February.
2. 2019: Presented a research paper titled “Excellence in Higher Education: Measuring the influence of spirituality on Teachers’ Attitude at Work”, at the ICSSR sponsored, XX Annual International Conference on Global Vision 2030: Challenges and opportunities at Deen Dayal Upadhyaya College, Dwarka, under the joint auspices of DSPSR, DDU, et al., on 4th-5th January.
3. 2017: Presented a research paper titled (jointly with Prof. Ajay Kumar Singh) “Entrepreneurship development and its impact on employment”, at the 70th All India Commerce Conference of Indian Commerce Association organized by IIS University, Jaipur, 12th-14th October.
4. 2017: Presented a research paper titled “Development and Validation of a Spirituality Measurement Scale”, (jointly with Prof. Ajay Kumar Singh), at the Third International Research Conference organized by International Association of Research and Development Organization, at Indian Federation of United Nations Association, (*Received the Best Paper Award*), New Delhi, on 16th July.
5. 2016: Presented a research paper titled “Spirituality in marketing-a case of products sold by spiritual organizations”, at the UGC sponsored national seminar on “Marketing in the 21st century: Issues and Challenges” on 5th and 6th February, organized by Shaheed Bhagat Singh College, University of Delhi.
6. 2015: Presented a research paper titled (jointly with Prof. Ajay Kumar Singh) “Measurement of spirituality: Development and validation of a questionnaire” presented in the technical session V of ICSSR sponsored XVI Annual International Conference on “Governance: changing paradigms” at India habitat centre, New Delhi, organized under the joint auspices of DSPSR, Sri Aurobindo College (eve.) [University of Delhi], et al., on 3-4 January.
7. 2014: Presented a research paper titled “Relationship between spirituality and corporate social responsibility –An empirical study” (Awarded for best paper presentation) at the national seminar on “Corporate governance & Business integrity” held at Sri Sharada Institute of Indian Management-research, New Delhi, 25th-26th April.
8. 2014: Presented a research paper on the topic “Spirituality, ethical behavior and corporate social responsibility – The influence of affinity” at the third Annual Commerce convention on leveraging business: Discovering New horizons”, held at the Department of Commerce, University of Delhi, 12th-13th April.
9. 2014: Presented a Research paper titled “Impact of Technology on work life balance” at the UGC sponsored National Seminar “Linking Human Resources with Business Strategies” held at Jesus and Mary College,

University of Delhi, 26th-27th March.

Other Academic Achievements

1. 2020: Invited as a Resource Person, for conducting a Faculty Development Program on the topic “Diversity in the classroom” by Dr. M. G. R. University, Chennai, on 8th September.
2. 2020: Invited as a Resource Person, for a National Webinar on “Business Analytics- Tools for decision making” by P. K. R. Arts College for Women, Bharathiar University, Tamil Nadu on 8th August.
3. 2020: Invited as a Resource Person, for a National Webinar on “How analytics is useful for business decision making” by Vivek college of management and technology, Bijnor, Uttar Pradesh on 25th July.
4. 4.2020: Invited as a Resource Person, for a National Webinar on “Analytics for Beginners” by Sanskriti University, Mathura, Uttar Pradesh on 29th June.
5. 2020: Invited as a Resource Person, for a National Webinar on “HR Analytics” by AKS University, Satna, Madhya Pradesh on 26th June.
6. 2020: Invited as a Resource Person, for a National Webinar on “Research and Plagiarism” by AKS University, Satna, Madhya Pradesh on 23rd June.
7. 2020: Invited as a Moderator, for a National Webinar on “Work-life Balance & Happiness” jointly organized by RD & DJ College, Munger University, Munger and Sri Sri University, Cuttack, Odisha, India on 16th June.
8. 2020: Invited as a Moderator, for a Panel Discussion on “Creating Spiritually enabled Leaders for tomorrow” at the Two-Day National Conference on “Exploring Spiritual Foundations of Leadership and Management” at DME Management School, I. P. University, Noida on 15th February.
9. 2020: Received the “Award for best Paper”, for a research paper titled “Diversity Management in Higher Education In India” presented in the National Conference on “Exploring Spiritual Foundations of Leadership and Management” at DME Management School, I. P. University, Noida on 15th February.
10. 2017: Received the “Award for best Paper”, for a research paper titled “Development and Validation of a Spirituality Measurement Scale”, jointly with Prof. (Dr.) Ajay Kumar Singh, at the Third International Research Conference organized by International Association of Research and Development Organization, at Indian Federation of United Nations Association, New Delhi, on 16th July.
11. 2015: Contributed in the e-PG Pathshala Project by UGC under the NMEICT mission of MHRD, Govt. of India, as Co-Author in Commerce subject. For the following modules:
Paper 1: Management Concept and Organizational Behavior
 - Module 17: Emotions
 - Module 26: Leadership: An introductionPaper 9: Human Resource Management
 - Module 14: Recruitment-Factors Affecting Recruitment.
12. Received the “Award for best Paper”, first prize in recognition of the paper for its subject content, analysis, composition and presentation in the

national seminar on “Corporate governance & business integrity” held at Sri Sharada Institute of Indian management-research, New Delhi, 25-26 April.

Smita Sharma

Book

1. Sharma, Smita. Business Law. New Delhi: Mayur Paperbacks, 2007. Business Law for B.Com.

Suman Bhakri

Books

2. Bharat ka Arthik Vikas, 2001, Books India International Human Development in India, New Delhi, Ane Books.
3. Indian Economic Development, 2001, Books India International
4. Bhartiya Arth Vyavastha ka Vikas, 2002, Kalyani Publishers, ISBN 8127201138
5. Indian Economic Development, 2002, Kalyani Publishers, ISBN 8176638242
6. Human Development in India, 2005, Ane Books ISBN 9788180520600
7. Statistical Data on Indian Economy, 2005, Taxman Publishers, ISBN 8174966145
8. Indian Economy Performance and Policies, McMillan ISBN 140392631 X
9. Indian Economy Performance and Policies, 2012, Pearson ISBN 9789325986671
10. Indian Economy Performance and Policies, 2014, Vikas Publishing House ISBN 9789325980631

Book Review

1. Review UNDP, Human Development Report, International Journal ‘Development 2002’, Vol 45, Issue 3
2. Reviewed an article “Measuring Antecedents of Children’s Attitude towards television advertising” for Amity Journal of Commerce and Financial Review. Issue 3

Paper Presentations

1. Top Managements’ Perspective of Human Resource Development of India at ‘Conference on Changing Perspectives of Management, Revisiting the Existing & Explore the Novel Ideas’ at Nepal Academy of Management & KFA Business School, Kathmandu
2. Pragmatism in a Research and Design at ‘10th European Conference on Research Methodology for Business and Management Studies’ at Normandy Business School, Cean, France
3. Macro Policies – Micro Strategies of MSME at ‘National Conference on Strategies for Business Excellence’ at Delhi Technical Campus School of Management, GGSIPU, Delhi
4. Business Excellence- Bull Trends in Exports at ‘National Conference on Strategies for Business Excellence’ at Delhi Technical Campus School of Management, GGSIPU, Delhi

5. FDI: Real Boost to GDP of Emerging Economies at 'International Conference on Economics, Finance and Statistics 2018' at International Engineering and Technology Institute, Hongkong.
6. Trade War: War of Dominance. International Conference on Business, Accounting, Finance and Economics (BAFE) 2019, Malaysia, October 4, 2019
7. Kart to Mart --Game Changer for Indian E-Commerce industry? International Conference on Business, Accounting, Finance and Economics (BAFE) 2019, Malaysia, October 4, 2019
8. Economics and E-commerce in Post Covid Era- Main Speaker in National Webinar on Prospects of E-commerce in Emerging economies in Post Covid Era organized by Department of Commerce, PG College University of Allahabad, 6-7 July,2020

Research Papers and Articles

1. "India \$ 5 Trillion Economy: Vision & Mission", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.7, Issue 3, page no.696-704, March-2020, Available: <http://www.jetir.org/papers/JETIR2003408.pdf>
2. Bhakri, S., & Verma, A. (2020). Foreign Exchange Reserves in India- A Policy Period Analysis. International Journal of Research-GRANTHAALAYAH, 8(11), 204-210.
3. Verma, A., & Bhakri, S. (2021). Determinants Of Foreign Exchange Reserves in India. International Journal of Research-GRANTHAALAYAH, 9(2), 229-240.
4. Verma, a., & Bhakri, S. (2021). Macroeconomic indicators of foreign exchange reserves in India. International education and research journal. 7(3).
5. "Artificial Intelligence (AI): Applications and Implications for Indian Economy", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.8, Issue 5, page no. 354-g365, May-2021, Available: <http://www.jetir.org/papers/JETIR2105846.pdf>
6. "Trade War: War of Dominance", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and ISSN Approved), ISSN:2349-5162, Vol.8, Issue 4, page no. Pp9-17, April-2021, Available at: <http://www.jetir.org/papers/JETIR2104102.pdf>

Memberships

1. Editorial Board Member of 'myecommercejournal' of VOLKSON PRESS
2. Senior member of International Engineering and Technology Institute (IETI)
3. Member, Technical Committee International Symposium on Big Data and Artificial Intelligence (ISBDAI 2019)
4. Member of International Research Institute for Economics and Management (IRIEM)
5. Member, Institute of Data Science and Artificial Intelligence (IDSAI)
6. Member of Global Association for Humanities and Social Science Research (GAHSSR)

Ph.D. Supervisor

1. Appointed Supervisor for Ph.D. Research Scholars for **Department of Commerce, University of Delhi.**
2. Appointed Co Guide for a Research Scholar for Ph.D. Programme ACCF, **Amity University**

Surya Prakash

Books

1. Fundamental of Marketing ISBN 978-93-272-5641-3, 2015 Kalyani Publishers, 4863/2B, Bharat Ram Road, 24, Daryaganj, New Delhi-110002.
2. Advertising Management ISBN 978-93-272-4778-7, 2014 Kalyani Publishers, 4863/2B, Bharat Ram Road, 24, Daryaganj, New Delhi-110002.
3. Fundamental of International Business, ISBN: 978-93-83283-05-7, 2014 International Book House P.Ltd.,2/42, Ansari Road, Daryaganj, New Delhi, India.
4. Marketing Management, ISBN 978-93-272-3254-7,2013 Kalyani Publishers, 4863/ 2B, Bharat Ram Road, 24, Daryaganj, NewDelhi-110002.
5. Strategic Marketing (Hindi Edition) ISBN 978-93-272-3407-7, 2013 Kalyani Publishers, 4863/2B, Bharat RamRoad, 24, Daryaganj.NewDelhi-110002.
6. Principles of Marketing, ISBN978-93-272-2372-9, 2012, Kalyani Publishers, 4863/ 2B, Bharat RamRoad, 24, Daryaganj, NewDelhi-110002.
7. Principles of Marketing (for Gulbargah and Karnataka University) ISBN: 978-93- 272-2444-32012, Kalyani Publishers, 4863/2B, Bharat Ram Road, 24, Daryaganj, New Delhi-110002.
8. Marketing Management Text and Cases, ISBN: 978-93-272-2843-4, 2013 Kalyani Publishers, 4863/2B, Bharat RamRoad, 24, Daryaganj, NewDelhi-110002.
9. Marketing and Services Management, ISBN: 978-93-272-2914-1, 2013, Kalyani Publishers, 4863/2B, Bharat Ram Road, 24, Daryaganj, NewDelhi-110002.
10. Strategic Marketing, ISBN: 978-93-2722921-9, 2013, Kalyani Publishers, 4863/2B, Bharat Ram Road, 24, Daryaganj, New Delhi-110002.
11. E-Marketing, 2011, Swati Prakashan, 358- A Shivaji Road Govind Lok, Near N.A.S. College, Meerut.

Research Papers and Articles

1. “Globalization and Its Impact on Indian Consumer Markets: Emerging Issues and Challenges” VSRD International Journal of Technical & Non-Technical Research, Vol. IX Special Issue, ISSN 2319-2216, February 2018.
2. “Impact of GST on Indian Consumer Market: A study of FMCG Sector” Research Journal (Multidisciplinary International E-research Journal, ISSN-2348-7142, Special Issue-XXVII (A) January 2018.
3. “FDI and Its Impact on Indian Retail Sector: An Emerging Issues and Challenges” Hermeneutics (A Biannual Refereed International Journal of Business and Social Studies) ISSN: 2231-6353, RNI-UP/ENG/2011/36701, Volume 07 Number 01 March 2017.

4. "Rural Marketing Practices in 21st Century: A strategic outline for Sustainable Development of Rural India" Scholarly Research Journal for Interdisciplinary studies (special Issue) Jan- March 2017, ISSN 2319-4766 vol. 6, Issue-23
5. "Brand Management: A Conceptual Framework for Competitive Markets" Aatmbodh, Journal of Rajarshi School of Management & Technology, ISSN: 0972-1398, Vol. XII, No.02, Autumn 2015.
6. "Marketing Practices in 21st Century: An Ethical Perspective" Hermeneutics (A Biannual Refereed International Journal of Business and Social Studies) ISSN: 2231-6353, RNI-UP/ENG/2011/36701, Volume 05 Number 01 March 2015.
7. "Marketing In the Twenty First Century: Issues and Challenges" Commerce Times (International Journal of Commerce) ISSN2320-9461, April2014.
8. "Business Ethics and Green Marketing Initiative: A Global Prospective" Hermeneutics (A Biannual Refereed International Journal of Business and Social Studies) ISSN: 2231-6353, RNI-UP/ENG/2011/36701, Volume 04 Number 01 March2014.
9. "Power Sector Reform in India: An introduction" Aatm bodh, Journal of Rajarshi School of Management &Technology, ISSN0972-1398, Vol. 1, Autumn, 2008.
10. "Uttaranchal Seeds & Tarai Development Corporation Ltd.: An Overview" ANVIKSHIKI (BI-Monthly International Journal of All Research) ISSN:0973-9777, Vol.9, Month November December, 2008
11. "Dimension of FDI in India after Liberalisation" Commerce and Business Studies, issue1, volume2, (BI-Annual Journal of Economic Commerce and Management) ISSN: 0974-1879, published by Avadh Commerce and Management Association, Faizabad, 2008.
12. "Globalization and Indian Banking Sector: Challenges and Opportunities" Fourth issue of ANVIKSHIKI (BI-Monthly International Journal of All Research) ISSN: 0973-9777, Vol. 8, Month September October, 2008
13. "Emerging trend of FDI: A Global outlook" Research Journal of Philosophy and Social Sciences, (Special Issue) ISSN: 0048-7325, Volume xxxiv 2008.
14. "Present Scenario of VAT in India compare with sale tax" Fourth issue of ANVIKSHIKI (BI-Monthly International Journal of All Research) ISSN: 0973-9777, Vol.No.7, July-August, 2008.
15. "Foreign Direct Investment: India Vs China" Research Journal of Philosophy and Social Sciences, ISSN: 0048-7325, No.1, 2 Volume xxxiv (2008).
16. "Retailing in India: Emerging Trends Challenges and Opportunities", ANVIKSHIKI (BI-Monthly International Journal of All Research) ISSN: 0973-9777, Vol.3, No.- 1, Month November December,2008.
17. "E-banking Scenario in India" (Abstract) Souvenir UGC Sponsored National Seminar, 5-6 May, 2007 on Indian Banking Today: Search for better tomorrow. Organized by Department of Commerce, Marwari College, Bhagalpur (T.M. Bhagalpur University, Bhagalpur).
18. "Retail Banking Scenario in India" The Handbook of Seminar Proceedings 2007-08, National Seminar on Financial & Insurance Sector dated December 15-16, 2007 organized by School of Management Sciences, Varanasi.

19. "Infrastructure and Industrial Development of India" (Abstract) The India Journal of Commerce, Quarterly Publication of the Indian Commerce Association, Vol-60, No-3, July-September 2007.
20. "Infrastructure and Economic Development in India" (Abstract) The India Journal of Commerce, Quarterly Publication of the Indian Commerce Association. Vol-60, No-3, July-September 2007.
21. "Working of VAT in India" ISSN: 0972-7779, Access Research Journal, Vol. III (4) October, 2005.
22. "Marketing Practices in 21st Century: An Ethical Perspective" Hermeneutics (A Biannual Refereed International Journal of Business and Social Studies) ISSN: 2231- 6353, RNI-UP/ENG/2011/36701, Volume 05 Number 01 March 2015.
23. "Ethical Issues in Creative Accounting on the Job Performance of Accounting Professionals: An Indian Perspective" International Journal of Multidisciplinary Research (IJMR) Vol. III Issue6(III), September 2014, ISSN:2277-9302

Paper Presentations

1. "Holistic Marketing: An Approach to Business Excellence and Growth" presented in 5th International Conference organized by CMAI and Pegasus International College, Da Nang, Vietnam during 25-27 January 2018 at Da Nang, Vietnam.
2. "Marketing For Services: A Strategic Approach to Tourism and travel Services in India" Three Days International conference cum workshop on Sustainable entrepreneurship development practices in Tourism and Hospitality Sector in the Himalayan States, Organised by Center for Mountain Tourism and Hospitality Studies, HNBG University (A Central University) and Ministry of Tourism, Govt. of India during April 28-30, 2017 at Rishikesh, Uttarakhand.
3. Sustainability of Business: A Marketing Perspective" presented in 4th International Conference organised by CMAI and Lyceum o the Philippines university, Manila, Philippines during 2-4 February 2017 at Manila, Philippines.
4. "Role of Rural Marketing in Development of Rural India" in International Conference during June 3-4, 2016, Organized by Gedu College of Business Studies, Royal University of Bhutan, Bhutan
5. "Marketing In 21st Century: An Ethical Issues" 6th International Conference on Business and Finance October 14-16, 2014, Windhoek, Namibia. Organized by SRCC and University of Namibia
6. "Impact of Globalization on Indian Markets: An Emerging Issues" 69th All India Commerce Conference- 2016, November 11-13, 2016, Organized by Indian Commerce Association and Faculty of Commerce, University of Lucknow, Lucknow.
7. "A Study of Empowerment of Rural Women Through Self-help Group" 69th All India Commerce Conference- 2016, November 11-13, 2016, Organized by Indian Commerce Association and Faculty of Commerce, University of Lucknow, Lucknow.
8. E- Commerce in India: Prospects and Challenges in National seminar on Vision 2030, Strategies for Industries & Academia dated November 27-28,

- 2016, Organised by HPCMA and Government College Bilaspur, Himanchal Pradesh.
9. "Role of Tourism Industry in the Growth of Economy in the state of Himanchal Pradesh" National seminar on Potential & Prospects of Tourism Industry in India with special reference to state of Himanchal Pradesh dated September 16-17, 2016, Organised by G.G.D.S.D. College Rajpur (Palampur), Kangra (H.P.) and ICSI, New Delhi.
 10. "Accounting as Strengths in Business Prospects" in 38th All India Accounting Conference & International Seminar on accounting and Research, dated December 5-6, 2015, organized by University Business School, Punjab University, Chandigarh & IAA, Chandigarh Branch.
 11. "Role of Accounting in Development of Business Paradigm in India" in 38th All India Accounting Conference & International Seminar on accounting and Research, dated December 5-6, 2015, organized by University Business School, Punjab University, Chandigarh & IAA, Chandigarh Branch.
 12. "Tourism Marketing in India: An Opportunity Ahead" In international Conference dated May 2-3, 2015 organised by Department and Economics and Tourism, B.H.U., Varansi
 13. "Brand Management: A Conceptual framework for Competitive Markets" in International Seminar on Vision for Varansi- Approach to City Management, in association with Municipal Corporation of Varansi and Washington State University (USA) dated February 7-8, 2015, Organised by Rajarshi school of Management and Technology, Varanasi.
 14. "Ethical Issues and Green Marketing Initiative" in Asian Conference on Corporate Governance and Business Sustainability, Bangkok, Thailand. On October 7-9, 2013, organized by SRCC and Assumption University of Thailand, Bangkok.
 15. "Goods and Service Tax: A Paradigm Shift in Indirect Taxation in India." In XXXIII All India Accounting Conference and International Seminar on Accounting Education and Research, held on November 13-14, 2010 at Thiruvananthapuram, Organized by University of Kerala and Indian Accounting Association, Kerala branch.
 16. Retail Banking in India' in National Conference held on 2nd and 3rd February 2008, on National Conference on Management: Beyond Repertoire in School of Management Sciences. Varanasi.
 17. "Foreign Direct Investment: India vis-a-vis China" in Eight International Conference, held on 3-5 January 2007 on India: Investment Destination. Organized by GGS Indraprastha University, New Delhi.
 18. "Retailing in India Challenges and Opportunities" in 60th All India Commerce Conference on 27-29, December 2007. Organized by Department of Commerce, Osmania University, and Hyderabad.
 19. "Contemporary Issues in Indian Retail Sector" in National Seminar on Retailing in India: Emerging Trends held on 27-28 October 2007, Organized by Faculty of Commerce and Management Studies, Mahatma Gandhi Kashi Vidya Pith Varanasi.
 20. "Retail Banking Scenario in India" in National Seminar held on 15th & 16th December, 2007, on Changing Dimension in Financial & Insurance Sectors, Organized by School of Management Sciences. Varanasi.
 21. "Customer Relationship Management in Banking Sector" in National Conference held on 2nd and 3rd February 2008, on National Conference on

Management: Beyond Repertoire in School of Management Sciences. Varanasi.

22. "Infrastructure and Economic Development in India" in 59th All India Commerce Conference, held on 28-30 December 2006 Organized by Faculty of Commerce and Management Studies, Andhra University, Visakhapatnam (A.P.)
23. "E-Banking in India" in National Seminar on Financial Sector Reforms in India held on 24 to 25 Feb. 2006 Organized by Faculty of Commerce, B.H.U. Varanasi.
24. "Infrastructural and Industrial Development of India" in 59th All India Commerce Conference held on 28-30 December 2006 Organized by Faculty of Commerce and Management Studies, Andhra University, Visakhapatnam (A.P.)
25. "Introduction of VAT in India Compared with Sales Tax" in National Seminar on Financial Sector Reforms in India held on 24 to 25 February 2006, Organized by Faculty of Commerce, B.H.U. Varanasi.
26. "Working of VAT in India" in National Seminar on Financial Sector Reforms in India held on 24 to 25 Feb. 2006, Organized by Faculty of Commerce, B.H.U. Varanasi.
27. "Impact of Globalisation on Indian Entrepreneurship" in 58 All India Commerce Conference held on 27-29 December 2005, organized by Faculty of Commerce and Management Studies, Mahatma Gandhi Kashi Vidyapith, Varanasi.

Participation in Conferences and Seminars

1. National Conference on Transformational Leadership 2013, on April 6, 2013. Organised by Shri Ram College of Commerce, University of Delhi, Delhi.
2. National Conference on FDI in India: Response and Challenges, on November 5- 6, 2012. Organized by Shaheed Bhagat Singh College, University of Delhi, Delhi.
3. National Conference on Merger and Acquisitions - Issues, Opportunity and Challenges on January 20-21, 2012. Organized by Shaheed Bhagat Singh College, University of Delhi, Delhi.
4. International Conference on Corporate Governance: The Road Ahead on March 27-28, 2012. Organized by Shri Ram College of Commerce, Delhi.
5. XXIV Annual Convocation 2011 on "Indian Financial Sector - Agenda for Reforms" on September 17, 2011, organized by Department of Financial Studies, University of Delhi, Delhi

Santosh Kumar

Book Reviews

1. "Crises as conquest: Learning from East Africa" by Prof. Jayati Ghosh & C.P. Chandra Sekhar in Business Analyst, (Jan-June, 2003).
2. "Financial markets in India" by Rakesh Sahani in Business Analyst, (April-September, 2007).
3. "Globalization and Development " by Sunanda Sen, National Book Trust, New Delhi, in Business Analyst, October-March, 2008.

4. "Poor Economics: Rethinking Poverty and the Ways to End it", By Abhijit V. Banerjee and Esther Dufelo, Random House India, in Business Analyst, April-September, 2011. Vol.32, Issue-1.
5. 'Heterodoxy over the Failed Main stream' titled book a review of "Wealth and welfare: An Expedition into Real Life Economics", by C.T. Kurian, Books for Change and International Publishing Housing, Bangalore, in Economic and Political Weekly, Vol. XLIX, No.35, August 30, 2014.

Research Article

1. Kumar, Santosh. The effectiveness of capital controls in the prevention of financial crises: A developing country's perspective" Business Analyst, (July-December, 2004).

Santosh Kumari

Research Articles

1. Kumari, S. (2014). Corporate Governance is not a Significant Predictor of Financial Performance. Business Analyst, 35 (1), 179-215. (ISSN 0973-211X)
2. Kumari, S. & Anand, S. (2014). Corporate Governance and Financial Performance: An Investigation of Relationship, International Journal of Social Science and Interdisciplinary Research (IJSSIR), 3 (3), 56-88. (ISSN 2277-3630)
3. Access at:
<http://www.indianresearchjournals.com/pdf/IJSSIR/2014/March/6.pdf>
6. Kumari, S. (2013). Corporate Governance and Financial Performance: A Review of Literature. Business Analyst 34 (1), 199-218. (ISSN 0973-211X)
7. Access at:
http://www.srcc.edu/sites/default/files/2013_April_September_Vol_34_Issue_1.pdf
8. Kumari, S. & Chhabra, S. (2013) Understanding Leadership through Leader Competency Profiling. Business Analyst 33 (2), 37-54. (ISSN 0973-211X). Access at:
http://www.srcc.edu/sites/default/files/2012_October_March_13_Vol_33_Issue_2.pdf
9. Kumari, S. and Chhabra, S. (2013, April), A Study of Competencies Possessed by Leaders of Global Brands. In Sharma, C. S. & Singh, R. K. (Eds.). Transformational Leadership and Beyond. Paper presented and published at the Proceedings of the National Conference on Transformational Leadership, Shri Ram College of Commerce, University of Delhi (pp. 28-40), Delhi, Excel India Publishers (ISBN 9789382880264).
10. Kumari, S & Lalwani, N. (2021). Market Research on E-Cigarettes. International Journal of Academic Research & Development, 7(1), January-June 2021, 13-21 (ISSN 2395-1737).

Edited Book

1. Goel, S.K. & Kumari, S (2021). Emerging India and its Best Practices. Edited Book. Bharti Publications, New Delhi, India (ISBN 978-93-90818-

Reviewer

1. Reviewed papers as a Referee during the year 2015-2016 for an International Journal titled 'Educational Management Administration & Leadership, SAGE Publication (Los Angeles, London, New Delhi, Singapore, Washington DC and Melbourne)' ISSN: 1741-1432 [print]; 1741-1440 [online]. Pp.872 874 Access at: <http://journals.sagepub.com/doi/pdf/10.1177/1741143216663993>

Shashank Vikram Pratap Singh**Research Articles**

1. Deepika & Singh, S.V.P. (Forthcoming). Does Relationship Marketing have a dark side? A theoretical perspective. *Int. J. of Business Innovation and Research.* (SCOPUS, UGC Care etc.) (Inderscience Publication Ltd.)
2. Deepika, Singh, S.V.P. (Forthcoming). Study of E-Services Quality and Customer Loyalty: A moderated Mediation Model of Perceived Switching Cost and E Satisfaction. *Int. J. of Business Information Systems.* (SCOPUS, ESCI & ABDC-C). (Inderscience Publication Ltd.)
3. Deepika, & Singh, S.V.P. (Forthcoming). Relationship Marketing in online relating: A Theoretical and empirical analysis from an Indian Perspective. *Int. J. of Business Information Systems.* (SCOPUS, ESCI & ABDC-C). (Inderscience Publication Ltd.)
4. Singh, S.V.P (April 17, 2021). Human Development Challenge: Need to address new forms of Inequalities created by Covid-19. Policy Circle.
5. Singh, S.V.P., & Deepika (March 8, 2021). Celebration of Women's Day Via Gender Parity- Still Miles to Cover. India Chapter.
6. Singh, S.V.P (March 6, 2021). In the VUCA World, India needs additional sources of equity investment in the education sector. India Chapter.
7. Singh, S.V.P (Feb. 3, 2021). Development through Six pillars: Budget 2021. India Chapter. In
8. Singh, S.V.P (2021). International Day of Happiness: GDP Vs Happiness. *The Blue Planet-A Magazine on Sustainability*, V. 1 Issue, 3, p. 46-49.
9. Shrotryia, V.K. & Singh, S.V.P. (2021). Measuring progress beyond GDP: A theoretical perspective. *Emerging Economy Studies.* (EconLit, RePEc) (Sage Publication).
10. Shrotryia, V.K., & Singh, S.V.P. (2020). A short history of India's economy: Pre- and Post-independence period. *Economic and Regional Studies*, 13(4), 388-406. De Gruyter Publication. (EBSCO, PMSHE, Google Scholar etc.)
11. Singh, S.V.P. (2020). Exploring the linkage between income inequality, GDP and Human Wellbeing. *Business and Economics Research Journal*, 11(3), 621-634. (Bursa Uludag University Turkey) (ABDC-C, EBSCO, EconLit, RePEc).
12. Singh, S.V.P. (July, 2020). COVID-19; Prospect of India Amid Demand Vs Supply. *The Market Express.*
13. Singh, S.V.P. (Jun, 2020). We are the new generation of inequality: How Corona widen global injustice. *Scoop.me.*

14. Singh, S.V.P. & Deepika. (Jun, 2020). Power and prospect of higher education with the prism of budget 2020. The Market Express.
15. Singh, S.V.P. & Deepika. (May 2020). Covid-19 Stimulus package to credit-starved MSMEs. The Market Express.
16. Singh, S.V.P. & Deepika. (April, 2020). Income Sharing Agreement in higher education system of India. The Market Express.
17. Singh, S.V.P. (March, 2020). International Happiness Day: Happiness Vs GDP. The Market Express.
18. Singh, S.V.P. (March, 2020). Gender Parity: Analysis of Gender gap report 2020. The Market Express.
19. Singh, S.V.P. (March, 2020). Covid-19 lead disruption in the economy. The Market Express.
20. Singh, S.V.P. (Feb. 2020). Boosting India's Vibrant Startup Ecosystem; Budget 2020. The Market Express.
21. Singh, S.V.P. (Feb, 2020). Riding on Income and Purchasing Power: Budget 2020. The Market Express.
22. Singh, S.V.P. (Feb. 2020). Analyzing Human Development Report 2019 with a special focus on India. Development Discourse.
23. Singh, S.V.P. (Jan. 2020). Sense vs Nonsense of GDP in context of happiness of people. Development Discourse.
24. Singh, S.V.P. (Jan. 2020). Translating words to deeds: Achieving gender parity in access to financial resources. Development Discourse.

Resource Person/ Key Note Speaker/ Public Lecture/Invited Lecture

1. As a Key Note Speaker, Pratyaksha Organized by Hansraj College University of Delhi on 12th September, 2020. Delivered lecture on "Human Development and New Generation of Inequalities".
2. Delivered Public Lecture on "GDP Vs Human Wellbeing Is Economic Growth Leads to Enhancing People's Wellbeing? A Global Evidence" at CENTRAL QUEENSLAND UNIVERSITY CoPs (Communities of Practice - Sustainability) Melbourne Campus on June 2, 2021.
3. As a resource person on Two Days Workshop on Research Journey, Organised by Indian Accounting Association, Patna Branch on 26-27 June 2021.
4. Delivered Invited lecture on "Dimensions of Happiness" at School of Happiness, Ramanujan College, University of Delhi on April 8, 2021.
5. Delivered Invited lecture on "Happiness in Public Policy- Is it even possible to be happier" at School of Happiness, Ramanujan College, University of Delhi on July 8, 2021.

Other Academic Achievements

1. Joined Australian Centre for Sustainable Development Research & Innovation (ACSDRI)- A Research Institute, as Associate Researcher.
2. Guest Reviewer Ramanujan International Journal of Business & Research (RIJBR), a UGC Indexed Journal during year 2020-2021.

Tarun Manjhi

Paper Presentations

1. “Land, Labour and Livelihood: A story about Landlessness and Migration of Labour from the State of Bihar” at Sam Moyo Memorial Conference-Land and Labour question in the Global South, organised by the Centre for Informal Sector and Labour Studies, School of Social Science, Jawaharlal Nehru University (JNU), new Delhi from February 21-23, 2018.
2. “A Brief History of Labour Migration from Bihar: The Story of Underdevelopment and Inequality in the State” in Technical Session I.6 of 59th Annual Conference of the Indian Society of Labour Economics (ISLE), held in Thiruvananthapuram, Kerala from 16-18 December, 2017.

Articles

1. “Trends and Pattern of Remittances from Abroad to India” in UGC listed journal *Business Analyst* ((ISSN 0973-211X), Volume 38, Issue-2.
2. “Uneven Economic Development in the Era of Globalisation and Migration of Labour in India” in UGC listed journal *Hermeneutics* (ISSN: 2231-6353), Volume 07, Number-02, Special Issue 2017.

Vartika Khandelwal

Papers Published in Journals

1. Sahoo, B. P. and V. Khandelwal (2009), “Relationship between Stock Prices and Exchange Rates in India”, *Journal of Business Studies*, Vol. II, pp. 1-11. ISSN No. 0975-0150.
2. Bhasin, N. and V. Khandelwal (2013), “Foreign Institutional Investment in India: Determinants and Impact of Crises”, *The Indian Journal of Commerce*, Vol. 66, No. 2, pp. 1-15. ISSN No. 0019-512X
3. Khandelwal, V. (2014), “Investigating causal relationships between Foreign institutional investment with respect to stock market returns and exchange rate in India”, *Asian Journal of Research in Business Economics and Management*, Vol. 4, No. 3, pp. 74-83. ISSN No: 2250-1673
4. Khandelwal, V. (2014), “Trends in Foreign Institutional Investment in India”, *Hermeneutics: A Biannual Refereed International Journal of Business and Social Studies*, Vol. 04, No.01, March 2014, pp. 1-6. RNI-UP/ENG/2011/36701, ISSN No: 2231-6365
5. Bhasin, N. and V. Khandelwal (2014), “Relationship between Foreign Institutional Investment, Exchange Rate and Foreign Exchange Reserves: The Case of India using ARDL Bounds Testing Approach”, *International Journal of Financial Management*, Vol. 4, Issue. 2, pp. 33-39. ISSN No. 2229-5682

Papers Presented at Conferences

1. Presented a paper titled (along with Dr. Niti Bhasin) “Foreign Institutional Investment in India: Examining causal relationships, determinants and impact of crises” at the Seventh National Conference on Indian Capital Market: Emerging Issues organized by IBS Gurgaon during February 11-12, 2013.
2. (Received the Best Paper Award for the same)

3. Presented a paper titled (along with Dr. Niti Bhasin) “Relationship between FII, exchange rate and foreign exchange reserves: case of India using ARDL bounds testing approach” at the Eighth National Conference on Indian Capital Market: Emerging Issues organized by IBS Gurgaon during February 7-8, 2014.
4. Presented a paper titled (along with Dr. Niti Bhasin) “Relationship between FII, exchange rate and foreign exchange reserves: case of India using ARDL bounds testing approach” at the International Conference on India 2020: Vision for the Financial Sector held on 10th-11th March, 2014 at Sri Guru Gobind Singh College of Commerce, University of Delhi.

Book

1. Co-authored a Book titled “E-business and Cyber Laws” published by Singhal law Publications with ISBN: 938325689-3. Edition:2015-16

Refresher Course

1. Successfully completed the ARPIT Course for Career Advancement Scheme (CAS) promotion Refresher Course in Commerce with a “B” Grade in the proctored examination held on 16.02.2020 by Shri Ram College of Commerce, University of Delhi.
2. Successfully completed Excel Skills for Business: Essentials an online non-credit course authorized by Macquarie University and offered through Coursera.

Resource Person

1. Worked as a resource person for the Module titled “Insolvency and Bankruptcy Code” under ARPIT Course for Career Advancement Scheme (CAS) promotion Refresher Course in Commerce by Shri Ram College of Commerce, University of Delhi.
2. Contributed as a resource person for the HRD Ministry Sponsored Refresher Course in Commerce conducted by National Resource Centre – Commerce Discipline at Shri Ram College of Commerce under ARPIT 2019.

Vandana Jain

Book

1. Authored Book titled, “**Essentials of Entrepreneurship**”, 2020, Singhal Publications, Delhi, ISBN- 978-81-94465-02-7 for Generic Electives, CBCS Curriculum.

Research Publications

1. “Push Factors Causing Outward FDI from Select Asian Economies: Is Sustainability a Concern”, Niti Bhasin, K. V Bhanu murthy and Vandana Jain in Emerging Dynamics of Sustainability in Multinational enterprises,

edited by John R. McIntyre, Vera Ivanaj, Rabi N. Kar, published by Edward Elgar, London, 2016.

2. "Emergence of Multinationals from India", Business Analysts, 2010, Vol. 31 (1), pp-99-114.

Paper Presentations

1. Presented research paper titled, "Firm Level Determinants of Outward FDI from India", at the International conference jointly organized by SRCC and University of Kigali, Rwanda held on 28th feb- 1st march' 2017 in University of Kigali, Rwanda.
2. Presented a paper entitled "Push Factors Causing Outward FDI from Select Asian Economies: Is Sustainability a Concern?" at the Third International Conference on Multinational Enterprises and Sustainable Development held in New Delhi, on December 13, 2012 (co-authored with Dr. Niti Bhasin).
3. Presented Paper entitled, "Home country determinants of Outward FDI: a study of Select Asian economies" at the third World Finance conference held in Rio-de Janerio on 2-4 July, 2012 (co-authored with Dr. Niti Bhasin).
4. Presented paper entitled, "Multinationals from India" at the National conference organized by SRCC on 5-6 Nov, 2010.
5. Presented paper on "**Women Entrepreneurship, Innovation and Sustainability: A Comparative Study between India and South Korea**" at the two-day International Conference on, "Globalization, Trade and Economic Policy: Way Towards Achieving Sustainable Development", organized jointly by SRCC- and Kyung Hee University, held at Kyung Hee University, Seoul, South Korea, October 18-19, 2019.

Vikas Madan

Research Article

1. Madan, Vikas and Kush, Ashwani. "Review of Hashing as Security Tools in Wireless Adhoc-Networks". (Conference Proceedings) International Conference on Advanced Computing and Communication Technology, 2008.

Vineet Mehta

Induction/Orientation Programme/FDP

1. Four-week Induction/Orientation Programme for Faculty in Universities/ Colleges/ Institutes of Higher Education from 04.06.2020 to 01.7.2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.
2. One week Faculty Development Program (FDP) on Transforming Lifestyle through Yoga Darshan & its Functional Modes from 20.11.20 to 26.11.20 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.

Research Publications

1. Parmod Kumar Sethi and Vineet Mehta, Topography of Personality Traits Among University Students Pursuing Different Interest, Journal of Sports Science and Nutrition E-ISSN: 2707-7020 & P-ISSN: 2707-7012, 2020; 1(2): 29-31 <https://www.allsportsjournal.com/archives/2020.v1.i2.A.16>
2. Rakesh Kumar & Vineet Mehta, A Survey on Awareness of Existing Technologies In Modern Football, Ayan- An International Multidisciplinary Peer Reviewed and Refereed Research Journal, ISSN. 2347-4491; 8 (4) (October-December); UGC No. 49095; Year- 2020: 243-249
3. Parmod Kumar Sethi & Vineet Mehta, Analysis of the relationship between triceps, biceps, pectorals and scapular muscles strength with Olympic weightlifting skills. ISSN: 2456-0057, International Journal of Physiology, Nutrition and Physical Education 2021; 6(1): 342-345 <https://www.journalofsports.com/pdf/2021/vol6issue1/PartF/6-1-136-542.pdf>
4. Authored chapter titled “Planning in Sports” book titled “Physical Education Class XII” published by Central Board of Secondary Education (CBSE), E publication, 2020
5. Authored chapter titled “Physical Fitness, Wellness & Lifestyle” book titled “Physical Education Class XI” published by Central Board of Secondary Education (CBSE), E publication, 2020

Resource Person

1. Guest Speaker on topic “Planning and Executing a Play session” in “Physical Education and Community Coaching Program” on 05.06.2020 organized by SAI LNCPE Trivandrum from 01.06.20 to 30.06.20 under the Khelo India Community Coaching vertical of Ministry of Youth Affairs and Sports, Government of India.
2. Guest Speaker --on topic “Posture and Corrective Exercise” in online Short-Term certificate course on Holistic Fitness and Wellness Learning on 07.04.2021 organized by IQAC and Department of Physical Education, Mata Sundari Devi College for Women and Shri Guru Nanak Dev Khalsa College.

Member

1. Member, Physical Education Curriculum Committee, Central Board of Secondary Education (CBSE).
2. External Examiner, NTCC BPES-V Sem. Students Examination Online on 22nd October, 2020 of Amity School of Physical Education & Sports Sciences (ASPES) Amity University.

Varda Sardana

Research Publication

1. Paper titled “Deposit Insurance Coverage Limit: How Much is Enough? Evidence from India” published in ABDC ranked Indian Journal of Finance and Banking, 2020, 66-83, Volume 4, No. 4, ISSN 2574-6081

Resource Person

1. Resource Person for 5-Day FDP on "Emerging Paradigms in Organisational Behaviour", organised by SRCC and sponsored by AICTE, dated 5th July to 9th July 2021.

Vikki Sharma

Book Chapter

1. Mr. Vikki Sharma, "Guerrilla Marketing: A Brand Building Tool for Sustainable Business" Emerging Trends in Modern Business, June 2020: pp – 8-22, ISBN: 9879386754721.

Research Papers Presented

1. Presented Paper Titled "E-Learning Platform Framework: Education System Institutional Transformation in India" At the Two-Day national Conference "Changing Dynamics Around the Globe" Organized by Sunbeam Women's College Varuna Varanasi (U.P), May 10-11,2020.
2. Presented Paper Titled "Demarketing for Injurious Consumption in India: With Special Reference to Tobacco's (**Best Paper Award**)" at the Two-Day International Conference "Road Map To Sustainability: Environment And Health" Organized By Post Graduate Department Of Economics, Sri Guru Gobind Singh College, Punjab University, Chandigarh Sponsored By Indian Council Of Social Science Research Ministry Of Human Resource Development (Govt. Of India) March 05-06,2020.
3. Presented Paper Titled "A Framework for Renewal for MSMEs during COVID- 19" at The Two- Day National Conference "Financial Management for Effective Control of COVID Pandemic" Organized by Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur (C.G.), 15-16 May 2021.
4. Presented Paper Titled "New Education Policy: Impact on higher education and challenges" at the One-Day National Conference "Emerging Scenario of Higher Education in India in Context of New Education Policy and Experimentation of Technology during Pandemic: A Road Ahead" Organized by Shri Ram College of Commerce, University of Delhi, 20th March,2021.

Research Paper Publications

1. Mr. Vikki Sharma, "An Analysis of Guerrilla Marketing Impact in New Delhi", NIU International Journal of Human Rights, ISSN: 2394 – 0298 Volume 8(VII), 2021
2. Mr. Vikki Sharma, "Issues, Threats, and Prospects with the Atmanirbhar Bharat Abhiyan in India", Journal of the Maharaja Sayajirao University of Baroda ISSN: 0025-0422, Volume-55, No.1 (III) 2021.

Some Important Telephone Numbers

CAMPUS COLLEGES

Shri Ram College of Commerce
Daulat Ram College

27667905
27667863, 27667650

Hans Raj College	27667458, 27667747
Hindu College	27667184, 27666718
Indra Prastha College	23954085, 23962009
Kirori Mal College	27667861, 27667939
Miranda House	27667367, 27666983
Ramjas College	27667706, 27667447
SGTB Khalsa College	27667469, 27666220
St. Stephen's College	27667271, 27662329

HOSPITALS & MEDICAL SERVICE

W.U.S. Health Centre (DU North Campus)	27667908
Ambulance	102
Accident & Trauma Service	1099, 23860524, 23860531
Trauma Centre (Near DRDO)	78300 00623, 23906000, 23906001
Nu life Hospital (GTB Nagar)	43715105, 47005555-57,
Sant Parmanand Hospital (Civil Lines)	23961970, 23994401
St. Stephen's Hospital (Tiz Hazari)	23958005, 23977930, 23957977
Hindu Rao Hospital (Malka Ganj)	23919476
Apollo Pharmacy (Kingsway Camp)	47476975
National Chemist (Kingsway Camp)	27119160
Goel Medical Store (Roop Nagar)	84477 28289

CIVIC SERVICES

M.C.D. Control Room (Civil Lines)	23230700, 23911708, 23923392
N.D.P.L. (Fault Complaints)	66404040, 66112222
Delhi Jal Board (Fault Complaints)	1916, 23538495, 9650291021

POLICE

PCR	100
Police Station (Maurice Nagar)	27667178, 27666332, 27662638
Control Room, North District	27466781
Deputy Commissioner (Civil Lines)	23817012, 23811770

TAXI SERVICES

Reids Lines	9818462143, 9811457628
Roop Nagar (Azad Taxi Service)	9213168679, 9810204960

RAILWAY & BUS ENQUIRY

General Information	139
English	1330
Hindi	1335
Indian Railway Helpline No.	39340000, 1800-111-139
I.S.B.T. (Kashmere Gate) Enquiry	23860290, 65160290
I.S.B.T (Anand Vihar) Enquiry	22149089
I.S.B.T (Sarai Kale Khan) Enquiry	24353731, 18002000103

BANK & POST OFFICE

State Bank of India (S.R.C.C.)	27662422
State Bank of India (D.U.)	27667142, 27662309
Delhi University Post Office	27667690
G.P.O., Delhi	23869771

G.P.O., New Delhi

23743602

FOOD OUTLETS

McDonalds (Modal Town II)

9899795809, 66000666

Pizza Hut (Ashok Vihar)

43081756, 43081757, 39883988

Dominos (Malka Ganj)

49980000

Dominos (Modal Town-II)

49585000

Sagar Ratna, (G.T.B. Nagar)

27605496

Apni Rasoi, Vijay Nagar

9953304900, 9953305900

List of Holidays 2021
Gazetted Holidays 2021

S.No.	Holiday	Date	Day
1	Id-ul-Zuha (Bakrid)	July 21	Wednesday
2	Independence Day	August 15	Sunday
3	Muharram	August 19	Thursday
4	Janmashtami	August 30	Monday
5	Mahatma Gandhi's Birthday	October 02	Saturday
6	Dussehra	October 15	Friday
7	Milad-Un-Nabi or Id-e-Milad (Birthday of Prophet Mohammad)	October 19	Tuesday
8	Diwali (Deepavali)	November 04	Thursday
9	Guru Nanak's Birthday	November 19	Friday
10	Christmas Day	December 25	Saturday

Restricted Holidays 2021

S. No.	Holiday	Date	Day
1	Parsi New Year's day/Nauraj	August 16	Monday
2	Onam or Thiru Onam Day	August 21	Saturday
3	Raksha Bandhan	August 22	Sunday
4	Janmashtami (Smarta)	August 30	Monday
5	Vinayaka Chaturthi/ Ganesh Chaturthi	September 10	Friday
6	Dussehra (Saptami)	October 12	Tuesday
7	Dussehra (Mahashtami)	October 13	Wednesday
8	Dussehra (Mahanavmi)	October 14	Thursday

9	Maharishi Valmiki's Birthday	October	20	Wednesday
10	Karaka Chaturthi (Karva Chouth)	October	24	Sunday
11	Naraka Chaturdasi	November	04	Thursday
12	Govardhan Puja	November	05	Friday
13	Bhai Duj	November	06	Saturday
14	Pratihara Sashthi or Surya Sashthi (Chhat Puja)	November	10	Wednesday
15	Guru Teg Bahadur's Martyrdom Day	November	24	Wednesday
16	Christmas Eve	December	24	Friday