



# SRCC HANDBOOK



2016-2017



Founder of the College  
**SIR SHRI RAM**  
1884-1963

The Founder of Shri Ram College of Commerce was born on April 27, 1884. First son of Madan Mohan Lal and Chando Devi, Shri Ram completed his school and college education in Delhi and joined the family business DCM in 1900. In 1920 he established the Commercial Education Trust to promote business education and in 1926 the Commercial College came into being. On its silver jubilee in 1951, this college was renamed after the founder as Shri Ram College of Commerce. SRCC remains an institution founded with a vision of fostering good education in the fields of business and economics.

SRCC  
HAND BOOK  
2016-2017



SHRI RAM COLLEGE OF COMMERCE

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## DEPARTMENTS & FACULTY

### DEPARTMENT OF COMMERCE

#### Principal (Officiating)

Dr. R. P. Rustagi

#### Associate Professors

Mr. S. K. Aggarwal

Mr. B. K. Goyal

Dr. Ashok Sehgal

Dr. C. S. Sharma

Dr. Ravi Gupta

Ms. Smita Sharma

Dr. Anil Kumar

Dr. (Ms.) Deepashree

Mr. S. K. Bohidar

Dr. (Ms.) Suman Bhakri

Ms. Reena Chadha

Ms. Renu Agarwal

Dr. (Ms.) Sneh Lata Gupta

Mr. Amit Sachdeva

Dr. (Ms.) Rachna Jawa

Ms. Alka Goyale

Ms. Aruna Jha

Ms. Santosh Sabharwal (**Teacher-in-charge**)

Dr. Mallika Kumar

#### Assistant Professors

Dr. Santosh Kumar

Dr. Abhay Jain

Dr. Pankaj Chaudhary

Dr. Santosh Kumari

Mr. Padmeswar Doley

Mr. Harendra Nath Tiwari

Mr. Nawang Gialchhen

Mr. Tarun Manjhi

Dr. Surya Prakash

Mr. Raj Kumar Sah

Ms. Monika Bansal

Dr. Alok Kumar

Ms. Amanpreet Kaur

Ms. Anisha

Ms. Karuna

Ms. Kinneri Jain

Ms. Neha Matlani

Dr. Vandana Jain

Dr. Naveen Mittal

Ms. Amrita Singh

Ms. Astha Dewan

### DEPARTMENT OF ECONOMICS

#### Associate Professors

Ms. Anita Mathur

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Mr. Rajiv Jha (**Teacher-in-charge**)

Dr. A.J.C. Bose

Dr. Rituranjan

Ms. Priyanka Bhatia

**Assistant Professors**

Dr. Esther N. Ngaihte

Ms. Renu Bansal

Mr. Avinash Kumar Jha

Mr. Rajeev Kumar

Mr. Rakesh Ranjan

**DEPARTMENT OF ENGLISH**

**Associate Professors**

Mr. Soumitra Kumar Choudhury (**Teacher-in-charge**)

Mr. Shailesh K. Chawla

Ms. Ruchi Kaushik

**DEPARTMENT OF HINDI**

**Associate Professors**

Dr. Ravi Sharma (**Teacher-in-charge**)

**DEPARTMENT OF MATHEMATICS**

**Associate Professors**

Dr. J.K. Thukral (**Teacher-in-charge**)

Dr. (Ms.) Misha G. Govil

Dr. (Ms.) Pushp Lata Jain

**DEPARTMENT OF HISTORY AND POLITICAL SCIENCE**

**Assistant Professor**

Mr. V.V. Linesh (**Teacher-in-charge**)

**DEPARTMENT OF COMPUTER SCIENCE**

**Assistant Professor**

Mr. Vikas Madan (**Teacher-in-charge**)

**DEPARTMENT OF SPORTS / PHYSICAL EDUCATION**

**Assistant Professor**

Dr. Kuljeet Kaur (**In-charge**)

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### Administration

#### Library

Mr. Sandeep Nawani

Librarian

#### Administration

Mr. Jatin Lamba

Administrative Officer

Ms. Juleta Khan

Section Officer (Officiating)

#### Accounts

Mr. Praveen Kumar Jain

Administrative Officer

Mr. Sanjay Dobhal

Section Officer

## ACADEMIC CALENDAR SEMESTER SCHEME 2016-2017

### SEMESTER I/III/IV/VII

Classes Begin	:	20 <sup>th</sup> July, 2016 (Wednesday)
Mid-Semester break	:	11 <sup>th</sup> October, 2016 (Tuesday) to 16 <sup>th</sup> October, 2016 (Sunday)
Classes begin after Mid-Semester break	:	17 <sup>th</sup> October, 2016 (Monday)
Dispersal of Classes, Preparation leaves and Practical Examinations begin	:	12 <sup>th</sup> November, 2016 (Saturday)
Theory Examinations begin	:	24 <sup>th</sup> November, 2016 (Thursday)
Winter Break	:	17 <sup>th</sup> December, 2016 (Saturday) to 1 <sup>st</sup> January, 2017 (Sunday)

### SEMESTER II/IV/VI/VIII

Classes Begin	:	2 <sup>nd</sup> January, 2017 (Monday)
Mid-Semester break	:	13 <sup>th</sup> March, 2017 (Monday) to 19 <sup>th</sup> March, 2017 (Sunday)
Classes begin after Mid-Semester break	:	20 <sup>th</sup> March, 2017 (Monday)
Dispersal of Classes, preparation leave and Practical Examinations begin	:	27 <sup>th</sup> April, 2017 (Thursday)
Theory Examinations begin	:	9 <sup>th</sup> May, 2017 (Tuesday)
Summer Break	:	20 <sup>th</sup> May, 2017 (Saturday) to 19 <sup>th</sup> July, 2017 (Wednesday)

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

<b>Paper No.</b>	<b>Course Structure</b>	
	<b>Semester I</b>	
BCH-1.1	Environmental Studies/Business Communication	Ability Enhancement Compulsory Course (AECC-1)
BCH-1.2	Financial Accounting	Core Course (C-1)
BCH-1.3	Business Laws	Core Course (C-2)
BCH-1.4	Generic Elective (GE-1): Any one of the following: a. Introductory Microeconomics (Dept. of Economics) b. Text and Performance: Theatre studies (Dept. of English) c. Calculus (Dept. of Mathematics) d. हिंदी सिनेमा (Dept. of Hindi) e. Politics of Globalization (Dept. of History and Political Science)	Generic Elective (GE-1)
	<b>Semester II</b>	
BCH-2.1	Environmental Studies/Business Communication (Language-English/Hindi/MIL)	Ability Enhancement Compulsory Course (AECC-2)
BCH-2.2	Corporate Accounting	Core Course (C-3)
BCH-2.3	Corporate Laws	Core Course (C-4)
BCH-2.4	Generic Elective (GE-2): Any one of the following a. Introductory Macroeconomics (Dept. of Economics) b. Media & Communication Skills (Dept. of English) c. Linear Algebra (Dept. of Mathematics) d. Department of Hindi e. Contemporary Political Economy (Dept. of History and Political Science)	Generic Elective (GE-2)
	<b>Semester III</b>	
BCH-3.1	Human Resource Management	Core Course (C-5)
BCH-3.2	Income-tax Law and Practice	Core Course (C-6)



BCH-3.3	Management Principles and Applications	Core Course (C-7)
BCH-3.4	Generic Elective (GE-3): Any one of the following: a. Indian Economy-1 or Money & Banking or Environmental Economics (Dept. of Economics) b. Language, Literature & Culture c. (Dept. of English) d. Differential Equations (Dept. of Mathematics) e. हिंदी कहानी (Dept. of Hindi) f. Nationalism in India (Dept. of History and Political Science)	Generic Elective (GE-3)
BCH-3.5	Skill-Enhancement Course (SEC-1) (Any <i>one</i> of the following) a. E-Commerce b. Training and Development c. E-Marketing d. Personal Tax Planning	Skill-Enhancement Course (SEC-1)
<b>Semester IV</b>		
BCH-4.1	Cost Accounting	Core Course (C-8)
BCH-4.2	Business Mathematics	Core Course (C-9)
BCH-4.3	Computer Applications in Business	Core Course (C- 10)
BCH-4.4	Generic Elective (GE-4): Any one of the following: a. Indian Economy-2 or Public Finance or Economic History of India (Dept. of Economics) b. Contemporary India: Women and Empowerment (Dept. of English) c. Elements of Analysis (Dept. of Mathematics) d. Department of Hindi e. Feminism: Theory and Practice (Dept. of History and Political Science)	Generic Elective (GE-4)

BCH-4.5	Skill-Enhancement Course (SEC-2) (Any <i>one</i> of the following) a. Entrepreneurship b. Collective Bargaining and Negotiation Skills c. E-Filing of Returns d. Cyber Crimes and Laws	Skill-Enhancement Course (SEC-2)
<b>Semester V</b>		
BCH-5.1	Principles of Marketing	Core Course (C-11)
BCH-5.2	Fundamentals of Financial Management	Core Course (C-12)
BCH-5.3	Discipline Specific Elective (DSE-1) (Any <i>one</i> of group A)	Discipline Specific Elective (DSE-1)
BCH-5.4	Discipline Specific Elective (DSE-2) (Any <i>one</i> of group A) a. Management Accounting b. Corporate Tax Planning c. Advertising d. Banking and Insurance e. Computerised Accounting System f. Financial Markets. Institutions and Financial Services g. Industrial Laws h. Organisational Behavior	Discipline Specific Elective (DSE-2)
<b>Semester VI</b>		
BCH-6.1	Auditing and Corporate Governance	Core Course C- 13)
BCH-6.2	Indirect Tax Law	Core Course (C-14)
BCH-6.3	Discipline Specific Elective (DSE-3) (Any <i>one</i> of group B)	Discipline Specific Elective (DSE-3)
BCH-6.4	Discipline Specific Elective (DSE-4) (Any <i>one</i> of group B) a. Fundamentals of Investment b. Consumer Affairs and Customer Care c. Business Tax Procedures and Management d. International Business	Discipline Specific Elective (DSE-4)

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**Notes:**

1. For Practical Lab based
  - a) Core Courses BCH 1.2 (Financial Accounting). BCH 3.2 (Income-tax law and Practice). BCH 3.4 (Business Statistics). BCH 4.2 (Business Mathematics). And BCH 5.2 (fundamentals of Financial Management) 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) Core Courses BCH 4.3 (Computer Applications in Business) and Discipline Specific Elective BCH Group A (e) (Computerised Accounting System), there shall be 4 Credit Hrs. for Lectures + Two Credit hrs. (4 Practical Periods per week per batch) for practical Lab.
  - c) Skill Enhancement Elective Course BCH-3.5 (E-Commerce), there shall be 3 Credit Hrs. for Lectures + One Credit hrs. (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 Structure for B. Com. (Hons.) – Semester System  
[Applicable for Current Semester V and VI]**

<b>Paper No.</b>	<b>Course Structure</b>
	<b>Semester V</b>
CH-5.1	Management Accounting
CH-5.2	Financial Management
CH-5.3	(a) Auditing
	(b) E-Commerce (Part-A) Compulsory (Part-B) OR (Part-C) Practical
CH-5.4	Option I (Any one of the following)
	(a) Financial Markets, Institutions and Financial Services
	(b) Compensation Management
	(c) Corporate Tax Planning
	(d) Advertising & Personal Selling
	(e) Business Data Processing – I

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	<b>Semester VI</b>
CH-6.1	International Business
CH-6.2	Governance, Ethics & Social Responsibility of BusinessCH-6.3
	(a) Business Communication
	(b) Project Work
CH-6.4	Option II (Any one of the following)
	(a) Entrepreneurship and Small Business
	(b) Fundamentals of Investment
	(c) Consumer Relation & Customer Care
	(d) Business Tax Procedure & Management
	(e) Business Data Processing – II

**Note: Syllabus of above mentioned subjects of Semester V and VI (Semester System) can be downloaded from the website of DU.**

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## 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

Ability Enhancement Compulsory Course (AECC)-I

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

- Insurance Risk and Management (Dept. of Commerce)
- Text and Performance: Theatre studies (Dept. of English)
- Calculus (Dept. of Mathematics)
- हिंदी सिनेमा (Dept. of Hindi)
- Politics of Globalization (Dept. of History and Political Science)

### Semester-II

Economics Core Course 3: Introductory Macroeconomics

Economics Core Course 4: Mathematical Methods for Economics-II

Ability Enhancement Compulsory Course (AECC)-II

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

- Investing in Stock Markets (Dept. of Commerce)
- Media & Communication Skills (Dept. of English)
- Linear Algebra (Dept. of Mathematics)
- Department of Hindi
- Contemporary Political Economy (Dept. of History and Political Science)

### 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: Financial Economics

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

- Project Management (Dept. of Commerce)
- Language, Literature & Culture (Dept. of English)
- Differential Equations (Dept. of Mathematics)
- हिंदी कहानी (Dept. of Hindi)
- Nationalism in India (Dept. of History and Political Science)

### Semester-IV

Economics Core Course 8: Intermediate Microeconomics-II

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Economics Core Course 9: Intermediate Macroeconomics-II

Economics Core Course 10: Introductory Econometrics

Skill Enhancement Course (SEC)-II: Data Analysis

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

- a. Economics of Regulations of Domestic and Foreign Exchange Markets  
(Dept. of Commerce)
- b. Contemporary India: Women & Development (Dept. of English)
- c. Elements of Analysis (Dept. of Mathematics)
- d. Department of Hindi
- e. Feminism: Theory and Practice (Dept. of History and Political Science)

### **Semester-V**

Economics Core Course 11: Indian Economy-I

Economics Core Course 12: Development Economics-I

Discipline Specific Elective (DSE) Course-I (From List of Group-I)

Discipline Specific Elective (DSE) Course-II (From List of Group-I)

Group-I (Discipline Specific Elective (DSE) Courses):

- i) Economics of Health and Education
- ii) Applied Econometrics
- iii) Economic History of India (1857-1947)
- iv) Topics in Microeconomics-I
- v) Political Economy-I
- vi) Money and Financial Markets
- vii) Public Economics

### **Semester-VI**

Economics Core Course 13: Indian Economy-II

Economics Core Course 14: Development Economics-II

Discipline Specific Elective (DSE) Course-III (From List of Group-II)

Discipline Specific Elective (DSE) Course-IV (From List of Group-II)

Group-II (Discipline Specific Elective (DSE) Courses):

- viii) Political Economy-II
- ix) Comparative Economic Development (1850-1950)
- x) Financial Economics
- xi) Topics in Microeconomics-II
- xii) Environmental Economics
- xiii) International Economics
- xiv) Dissertation/Project

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## Course Structure for B. A. (Hons.) Economics – Semester System [Applicable for Current Semester V and VI]

### Semester V

Paper 19 – Indian Economic Development since 1947 - II

Paper 20 – Development Theory and Experience-I

Paper 21 – Public Economics

Paper 22 – Option -I (any one from List of Group-I)

*Group-I*

22A - Economics of Health and Education

22B - Political Economy

22C - Topics in Microeconomics-I

22D - Advanced Macroeconomics

22 E - Money and Financial Markets

### Semester VI

Paper 23 – International Economics

Paper 24- Development Theory and Experience-II

Paper 25- Option-II (any one from List of Group-II)

*Group-II*

25A - Comparative Economic Development: 1850- 1950

25B - Applied Econometrics

25C - Topics in Microeconomics-II

25D - Financial Economics

25E - Environmental Economics

Paper 26 - Concurrent – Discipline Centered II

**Note: Syllabus of above mentioned subjects of Semester V and VI (Semester System) can be downloaded from the website of DU.**

## 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.

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## **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](http://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



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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. and B.Sc. 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/l/.htm>).

Duplicate Degree

Transcript

Migration Certificate

Duplicate Marks sheet

Degree Verification

Special Certificate

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## 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.

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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:

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### 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.			
3.			
4.			
5.			

Thanks

**Verified By**

<Name>  
Society President

<Name>  
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;

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- 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

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on admission he/she submits himself/herself to the disciplinary jurisdiction of the Vice-Chancellor and the several authorities of the University of 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. involve 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. Notwithstanding 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

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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 students who have obtained degrees or diplomas of Delhi University are found guilty; under this Ordinance, appropriate action will be taken under Statute 15 for withdrawal of degrees 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 AT WORKPLACE**

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 govern the complaints related to sexual harassment at workplace and a designated committee has been constituted in the college 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>

#### **INFRASTRUCTURE & FACILITIES**

##### **Infrastructure and 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.

##### **Infrastructure**

- **Classrooms and Tutorial Block**

All the classrooms of SRCC are centrally air conditioned and are equipped with modern teaching facilities of Wi-Fi enabled and ceiling mounted LCD projectors and supporting roll down screens. Since the main building of the College has been recognized by the Government of Delhi as a “Heritage Building”, the class-rooms 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

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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. 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 CDROMs, 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 thirty computers to facilitate the members to access internet and online resources. The library has a collection of over 75000 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.

- **Computer Centre**

The College has three computer labs having a total of 90 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, practice 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 Centre 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, SuperNOVA 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.

- **Seminar Room**

A state-of-the-art Seminar Room was constructed on the occasion of the College's



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Platinum Jubilee in 2000–2001. It is fully air-conditioned with LCD projection facilities with seating capacity of about 100 people.

- **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. All important functions are organized in the college auditorium.

- **Sports Complex**

The College is proud to have a gigantic centrally air conditioned sports complex 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 world-class changing rooms, physiotherapy unit and gymnasium. The multipurpose hall comprises of a wooden floor catering to the sports like basketball, badminton, table tennis etc. It has a seating capacity of more than 1200 persons.

- **Playground**

The College has an expansive and lush green outfield that facilitates sports like hockey, football, netball, baseball, softball, handball and athletics.

- **Swimming Pool**

SRCC is the one of 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 both the hostels is 198 (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.

Students desirous of hostel accommodation should refer to the relevant **Girls Hostel or Boys Hostel Prospectuses** 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.

## **Facilities**

- **Canteen**

The College has a fully air-conditioned canteen located in a separate block in the College. 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. The Bookshop provides books, reference

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materials and stationery products to the students.

- **Photostat Shop**

There is a photocopier point in the campus. The students can avail the facility of photocopy, printing as well as compilation of study material from the photocopier point.

- **Bank**

The College houses a campus 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.

- **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 to serve the said purpose. Further, the consultation services of a general physician and an orthopaedist are also available on specific days.

- **Counseling and Mental Wellbeing**

Taking into cognizance the importance of emotional and psychological well-being of its wards in their holistic development, the College has a full-time professional counsellor on the campus. The counsellor is available five days a week to aid students in their personal problems.

- **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 Admin. 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.

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## 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.

#### 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.

#### 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 award 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 percent of weightage of marks obtained in the previous examinations with 75% weightage and performance in the interview with 25 percent of weightage,
- (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 both general category students and reserve category students on the basis of merit.

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## 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/Board examination.
- (ii) The scholarship is funded by the corpus provided by Envision, a heritage foundation.
- (iii) 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) Parental income of the students should not exceed two lacs per annum.
- (iii) Merit and need has equal weightage.
- (iv) The scholarships are funded from the corpus provided by Prof. M.C. Shukla Birthday Celebration Committee.

## 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 has equal weightage.
- (iii) 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).
- (iii) Merit and need has equal weightage.
- (iv) Scholarship is funded from corpus provided by Shri Ram S.Tarreja.

## 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 B.Com (Hons.).

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- (ii) The parental income of the student should not exceed Rs. 2,00,000 per annum.
  - (iii) The scholarship is being provided by Dr. C. B. Gupta's daughter Smt. Sarla Mittal.

**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 scholarship is funded from the corpus provided by Smt. Harshi Handa in the memory of her husband. Shri Prem Handa.

**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 scholarship is funded from the corpus provided by Pt. Kanahya Lal Dayawanti Punj Charitable Society.

**12. Manoj Kumar Memorial Scholarship**

- (i) One need-cum-merit scholarship is awarded to a third year student of B.Com (Hons.).
- (ii) Merit will be determined by qualifying marks of 60% in the subjects Microeconomics I and II in the University examinations.
- (iii) The merit and need has equal weightage.

**13. Need Based College Scholarship**

Need-cum-merit 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.

**14. KPMG Scholarship**

- (i) KPMG Foundation awards scholarships on need-cum-merit basis to eligible students for amount ranging from Rs. 12,000 to Rs. 30,000 per annum based on a laid out criteria.
- (ii) The criteria for academic year 2016-17 is as follows:
  - (a) The scholarship amount for each student should not exceed Rs. 30,000.
  - (b) The scholarship amount can vary per student based on the student's need/expenses.
  - (c) The annual family income is at or below Rs. 4,50,000.
  - (d) First priority is to be given to the students that were selected last year, if they have performed reasonably.
  - (e) A representative from KPMG would meet the shortlisted students

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before the final selection for award of the scholarships.

### **15. 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.

### **16. 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 Scholarship of 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.

### **17. Neeru Singh and Analjit Singh Scholarship**

This scholarship is to benefit an under privileged, needy and deserving student through his/her graduation fee and expenses for books etc.

## **MEDALS & PRIZES**

### **Academic Gold Medals**

1. Punj Lloyd Gold Medal is awarded to the topper of Global Business Operations (GBO) Programme across all years taken together.
2. 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:

(a) Academics	50%
(b) Attendance	20%
(c) Conduct and Participation in extra-curricular activities	20%
(d) Sports	10%
3. Kamla Mehrotra Gold Medals awarded to B.Com (Hons.) overall topper.
4. Tejpal Aggarwal Gold Medals awarded to B.Com (Hons.) first year topper.
5. Arun Chachra Memorial Gold Medals awarded to a student of B.A (Hons.)

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Economics overall topper.

6. Dr. Charat Ram Gold Medal awarded to B.A (Hons.) Economics second year topper.
7. Shri G. L. Bansal Gold Medal awarded to B.A (Hons.) Economics first year topper.
8. M. C. Kuchhal Gold Medal is awarded to a B.Com (Hons.) third year student who secures highest marks in aggregate in Business Laws and Corporate Laws of B.Com (Hons.) first year and second year respectively.
9. Professor V.K. Bhalla Gold Medal is awarded to the topper of the Financial Management Paper.

#### **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 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 a 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%

2. 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 medals 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
Ist Prize	10%	40%
2nd Prize	5%	20%

3rd Prize	20%	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 corporates 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.

### **ACADEMIC PRIZES**

- There are three prizes in I, II and III year classes of B.Com (Hons.) and three prizes in 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 P.G. Diploma in Global Business Operations.
- Skand Gupta Memorial Prize is given to a student of B.A. (H) Eco. 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. (H) Eco. II and III year or B.Com (H) 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. The scholarship 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 nearly seventy five thousand books and subscribing to eighty international and national journals. The reading room can accommodate three hundred students. The Library follows the Dewey Decimal System of classification. There is a computerized catalogue, an Internet facility and an online search service. The Library is fully-automated. The library is open on all working days. 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 lending counter.

Follow instructions and rules so that you get the best out of this Library.

- The arrangement of the books (whether in the stack rooms, reserved sections or the book banks) should never be disturbed. Once a book has been removed from



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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 as good as lost.

2. If you are not able to find/trace what you are looking for, 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** will have to be observed:

**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, etc.
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.

**Do not'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 same on return.
3. You should not use others library cards as these are Non-transferable.
4. Do not insert pencils or notebooks between the pages of a book specially when closing it.
5. Users are not permitted to take any book out of the library without getting it issued.
6. Users should not speak or read loudly. Gossiping, sleeping and chatting are not permitted.
7. Users are not allowed to carry any books or reading materials outside the library without getting it issued.
8. Eatables, drinks are also not allowed in the Library.

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9. 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 books 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 (polythene 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 help the library staff in the checking because the person at the gate is only performing his/her duty.

### **Library Card**

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 of all the library facilities.

1. The card identifies that its bearer is a bonafide member of the library.
2. Please carry the card always with you.
3. Full care for the safety of the Card should be taken. If it is lost, a duplicate card is issued, at the discretion of the college authorities after establishing the complete identification and genuineness of the student.
4. 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.

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## 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 an E-mail facility and an 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 insure the smooth functioning of the library by automation of various procedures.

## Journals & Periodicals Available:

### Periodicals

1. Accountancy
2. American Economic Review
3. Accounting Review
4. Harvard Business Review
5. Journal of Economic Perspective
6. Journal of Economic Literature
7. Journal of Finance
8. Chartered Accountant (M)
9. The Economist
10. Economic and Political Weekly
11. Journal of Accountancy
12. Vikalpa
13. Kurukshetra
14. Organization Dynamics

### Magazines

1. Competition Success Review
2. Business India
3. Business World
4. Business Today
5. Dalal Street
6. Employment News
7. Frontline
8. India Today (English)
9. Kadambani (Hindi)
10. Mainstream
11. Time
12. Reader's Digest
13. Yojana (English)
14. Sport Star
15. The Week
16. Chronicle
17. Aajkal (Hindi)
18. Outlook
19. Digit
20. Sahitya Amrit (Hindi)
21. Gyanodya (Hindi)
22. Panchjanya (Hindi)
23. Organiser
24. Chankya
25. Pratiyogita Darpan
26. Samanya Gyan Darpan (Hindi)
27. P. C. Quest

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## News Papers

1. Business Line
2. Business Standard
3. The Economic Times
4. Financial Express
5. The Hindu
6. The Hindustan Times
7. The Indian Express
8. Nav Bharat Times
9. The Asian Age
11. Hindustan
12. Pioneer
13. The Statesman
14. The Times of India
15. Tribune
16. Mint
17. Deccan Herald
18. Mail Today
10. Danik Jagran

## 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.

## 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 of 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. 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 the time against the Library card. The books from the stack room are issued for 7 days only. The rate of 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 a 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

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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 an umbrella, a stick, a bag and brief case 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, to be paid, and a clearance certificate to be obtained for them before a member discontinues his/her membership or applies for character certificate/marks sheet/Degree or terminates connection with the College.

**Refund of Library Security:** 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. Fresh sets of Dell Computers have been acquired in the recent past. Three computer labs act as computer class rooms. 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.

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## **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 maintaining 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, AC's 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.

### **Use of Printer**

1. Students are required to bring their own paper. College will provide the availability of the printer.

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2. Bulk printing from the lab printers is not allowed,
  3. Do not take printouts for the pages that may need a lot of ink.
  4. Do not insert a crumpled paper in the printer.

### **Virus-Scan**

Please scan your pen drives, CDs or any other memory device to check the presence of any virus before using our computers in the computer centre.

## **Highlights**

- **Students' 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 by the medium of the 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 for themselves the application of theoretical knowledge. In recent past, industrialists visiting the College campus include Sh. Sunil Mittal, Sh. Adi Godrej, Sh. G.M. Rao among others.

- **Centre for Academic Excellence**

The College has setup a Centre for Academic Excellence to provide financial support to staff and students for presenting papers in seminars/conferences of national and international repute as also for attending training programmes.

- **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 the status. The Centre conducts research, workshops and conferences to build and disseminate knowledge in the area of corporate governance.

- **International Programs and Collaborations**

SRCC has built collaborative partnerships with reputed business schools and universities abroad. International exchange programmes provide global exposure to our students. The College has partnerships with IESEG Business School, Paris and Lille, Sciences-Po, Paris; Utrecht Business School, Netherlands; Hong Kong Business

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School; University of Warsaw, Poland; Assumption University, Bangkok; University of Wisconsin, Eau Claire, US; Pennsylvania State University, US; MSU, Malaysia and South Pacific University.

- **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 the students. The classes for various subjects are conducted in the College premises by the faculty from College and outside.

- **International 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) have been established in the College. The IQAC, through its proactive initiatives identifies the key strategies areas of focus for the College through the development and monitoring the parameters for excellence in quality. The IQAC also aims to engage student representatives in its constitution to facilitate direct inclusion of the student community in the broad policy framework of the College.

- **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 a 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.

- **North-East and Himalayan Nations Integration Society (Kutumb)**

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 counselling 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.



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- **Conferences and Workshops**

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 and 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 have been delivering lectures on a 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 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 E&Y Tax Workshop, courses on Supply Chain Management and Advanced Excel to name a few.

- **Center for Innovation, Incubation and Entrepreneurship (CIIE)**

In 2015, the College started a center for startups called 'Center for Innovation, Incubation and Entrepreneurship'. CIIE is a student-led Centre comprising of SRCC faculty, alumni, industry experts and like-minded organizations to foster an ecosystem of synergized efforts towards academic and business initiatives. It aims to create an environment that promotes and stimulates the spirit of entrepreneurship among the students of the College. Ideas initiated by the students backed with sound business acumen and right guidance from professors, researchers and industry experts can pave the way for the successful transition of start-ups to established businesses. It provides mentoring and fundraising support to the ventures virtually and physically in various ways to help them succeed.

- **Centre for Community Engagement (Financial Literacy Cell)**

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

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enhance the knowledge and skills to manage financial resources and services effectively amongst students and other community stakeholders.

- **Shri Ram Memorial Debate**

In the memory of Sir Shri Ram, the founder of the College, the Governing Body has instituted the "Shri Ram Memorial Debate". The Debate is open to all colleges of Delhi University, Besides the running trophy, three cash prizes are awarded-First of Rs. 2000, Second of Rs.1500 and Third of Rs.1000. In addition a cash prize of Rs.1000 is awarded jointly to the two participants of the college that wins the Trophy. The debate is held in Hindi or English every alternate year.

- **Business Analyst**

Business Analyst is a refereed and reviewed journal, published twice a year in the months of March and September and is listed in Ulrich's International Periodicals Directory. The journal endeavours to disseminate knowledge in the area of business, economics and management. It aims at promoting research in these areas and encourages empirical and inductive writing. It is catalogued in the 'Library of Congress', Washington D.C.

- **Magazine: YAMUNA**

The students' magazine Yamuna is brought out annually and provides a powerful medium for expressing creativity in Hindi and English.

- **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.

The scheme is effective from January, 2013. The tabulated details of various programmes under this scheme are detailed below.

Desirous students can apply for the financial assistance in a prescribed form available in the Admin. office along with required attachments.

The applications so received will be placed before a Screening Committee. The financial assistance will be released after approval of the Committee. The Committee will meet after regular intervals for considering the applications for grant of assistance. There will be no advance payment under the scheme.

## STUDENT UNION AND SOCIETIES

### **Constitution of the Students' Union Name and Objects**

There shall be an Association, called 'The Students' Union, Shri Ram College of Commerce', to foster social and intellectual activity among the students of the College; to develop in them power of expression and public speaking and to impart

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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:** She/He will be the Chief Executive of the Union and will function in all matters relating to the Union in accordance with this Constitution.
2. **Secretary:** She/He will assist the President and act as the Chief Executive in the absence of the President, in accordance with this Constitution.
3. **Treasurer:** She/He shall maintain the accounts of the Union and assist the President in managing the finances of the Union.
4. **Secretary for Cultural Affairs:** She/He shall organise cultural festivals, assist the President to select and send teams financed by the Union to outstation festivals;

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and inform the Societies concerned about all cultural events taking place in other colleges/institutions.

- 5. Secretary for General Maintenance:** She/He 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 in respect to the general cleanliness of the College premises.
- 6. Secretary for Academic Affairs:** She/He 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:** She/He shall organise the meetings of the Union Parliament, record minutes there of, look after the publicity of the Union functions and forward the suggestions of the class-representatives to the authorities concerned.

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 offering Commerce courses
2. Students offering 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 so 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

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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 a meeting of the General Assembly shall be 1/10th of the total students- 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 after it is seized of the matter 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-thirds 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

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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 this Constitution can be proposed by a motion in the General Assembly by at least fifty bonafide students-members. The Proposers of the amendments shall circulate the amendments among the students and be allowed to explain it. Then the Amendment shall be deemed to have been passed when at least two-thirds 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 upon 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 on Commerce. For this purpose, it would arrange talks, lectures, group discussions, essay competitions, seminars, symposia, conferences and the like, relating to the two disciplines.
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

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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 of M.A. (Eco.) or M.Com. classes, (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, 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 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 students 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.

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- c. The Teacher-in-Charge should be drawn from 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 same as in the Constitution of Commerce Society. 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), to be the same as 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 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.

### **History and Political Science Society**

**Object:** 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.



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## 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 out-going office-bearers who are still on the rolls of 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.A.(Eco)/ M.Com. classes; 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 at least 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, 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.

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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 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 students' 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 skill 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 to 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 Adviser to the Students' Union and two other members nominated by the Principal. The Adviser to the College Union, for duties in relation to the Elections, shall be known as the Election Officer and shall act as the Convener of the Tribunal.
2. A student shall be disqualified for being elected 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.

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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 tendered along with each form.
  5. A list of the 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) of the 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 I year class—Aggregate marks in Board Examination.
    - ii. For students of II year class—Aggregate marks of main subjects in I year

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Examination.

- iii. For students of III year class—Aggregate marks of main subjects in 1 year and II year Examinations combined.
  - iv. For students of M.Com. (Previous) classes: Aggregate marks of main subjects in I year, II year and III year Examinations combined.
  - v. For students of M.Com. (Final) classes: 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. Eco. I Yr. and II Yr. Examinations combined

#### **Teachers' Representatives**

1. Principal
2. Bursar
3. President of the Staff Association
4. Adviser to the College Students' Union
5. Warden, Boys' Hostel
6. Warden, Girls' Hostel
7. In-charge, Sports
8. Librarian

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9 to 13. Five teachers to be nominated by the Staff Council.

### **Special Invitees**

1. For the purpose of discussion relating to grant of funds to various Societies, representatives of Societies (Staff Adviser and/or student office-bearer), not represented on J.C.C. shall be invited.
2. 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**

1. **Academic:** This includes suggestions regarding (a) Timings of classes (b) Admission (c) Maintenance of discipline (d) Fees levied in the Prospectus.
2. **Financial:** (a) All items of expenditure for which funds have either been collected from students or received for the use of students. (b) Societies Reserve Fund.

Fee concession: It shall be decided by a sub-committee comprising of three teachers elected by Staff Council and Union student- members elected by the J.C.C.

3. **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**

1. The Adviser 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.
2. The J.C.C. shall meet as many times as is necessary, but not less than two times in each academic session.
3. Meetings of the J.C.C. shall be held in the College premises and as far as possible during recess time.
4. 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.
5. Ordinarily three days' notice will be required for a meeting.

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6. 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 a 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-thirds of the total number of the 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-thirds of the total number of the 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 the 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-thirds of the members present and voting.

### **Broad Guidelines for conduct of Events / Activities in the College**

Guidelines approved by the Staff Council, Shri Ram College of Commerce in its meeting held on June 23, 2015 regarding organizing of extra-curricular activities, events and functioning of various societies are as follows:

1. Only Staff Council recognized societies should be allowed to function. An Un-recognised cell or forum shall not function or extra-curricular event will not be organized unless that cell or forum or event is given a 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.

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2. Only a permanent teacher of the college can be in-charge of a society or activity or forum.
  3. The societies or recognized cells will not hold any event without the prior written approval of the teacher-in-charge and Principal with estimated budget.
  4. There should be no event of any society/union /forum before the elections in the college.
  5. The Societies or the Union shall not put any desk or counter except during the lunch break.
  6. The activities of all the societies must adhere to their objectives as specified in their constitution. They should not organize activities outside their domain.
  7. The college societies should not be allowed to organize festivals. There should be only one college annual festival of maximum 3 days preferably on Thursday, Friday and Saturday, to be organized by the College Union.
  8. No food stalls should be allowed in the college campus except during the Crossroads.
  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 should be a coordination committee to organize the College's annual cultural festival.
  11. No tickets/passes should be allowed to be printed and distributed.
  12. During the college annual festival there should not be a performer on all days. Only on the last day of the college annual festival a paid/sponsored artist can perform in the college campus provided his total payment doesn't exceed Rs. 10 lakhs.
  13. For all cultural and entertainment programs prior approval of appropriate authorities such as Entertainment tax, Traffic, Police, Fire, 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.

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### **General Instructions:**

- Please keep the College Identity Card with you at all times. It must be produced each time any member of the faculty or office staff asks for it. In case you lose or damage your identity Card, a duplicate is issued on payment of Rs. 200. In case of loss, the duplicate is issued only on submission of a copy of F.I.R. lodged with the police.
- Please pay your fees by the due date. A fine is charged for non-payment for each day after the due date. If fees are not paid by a month after the due date, your name will be struck off from the College rolls.
- Attend and submit tutorial assignments as per time table.
- If you have any complaints regarding cases of violence, mischief, misconduct or use of offensive language, ragging, eve teasing etc., please lodge your complaints with the Disciplinary Committee in writing. You are also requested to abstain from any of the above activities. Punishment may be in the form of a fine, rustication, or expulsion from the College.
- Play only in the playground. If you play anywhere else, you may be fined heavily.
- Keep the College building and lawns clean and tidy. Do not put up posters or promotional material anywhere in the College, except on the Notice Board with the prior permission of the Principal.
- Do not remove furniture and other equipment from the class rooms.

### **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



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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. A student who has obtained 40% on the aggregate taking together all the papers in theory examination (including internal assessment/ project work) and practical examination separately conducted in Ist and IInd semester shall be promoted to the second academic year/IIIrd semester.
- c. A student who has obtained 40% on the aggregate taking together all the papers in theory examination (internal assessment/ project work) and practical examinations separately, conducted in IIIrd and IVth semester shall be promoted to the third academic year/Vth semester.
- d. Students who do not fulfill the promotion criteria mentioned above shall be declared fail in the promotion examination of the academic year concerned. However, they shall have the option to retain the marks in the papers in which they want to retain.
- e. If a student has secured an aggregate of minimum 40% marks taking together all the papers in theory examination (including internal assessment/project, wherever applicable) and practical exam separately till the end of the third year, i.e., upto the end of the VIth semester, then she/he shall be awarded the degree in which the student has been admitted.
- 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

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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 post-graduate 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.

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### (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
<b>O</b> (Outstanding)	10
<b>A+</b> (Excellent)	9
<b>A</b> (Very Good)	8
<b>B+</b> (Good)	7
<b>B</b> (Above Average)	6
<b>C</b> (Average)	5
<b>P</b> (Pass)	4
<b>F</b> (Fail)	0
<b>Ab</b> (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 Discipline Specific Elective (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

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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/MIL 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.

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## SYLLABUS: B.Com (Hons.)

### Semester - I

#### Paper BCH 1.1: ENVIRONMENTAL STUDIES/ AECC-1 \*

\*Please refer to Page No. 106 see details of Environmental Studies/AECC-1

#### Paper BCH 1.2: FINANCIAL ACCOUNTING

**Duration: 3 hrs.**

**Objective:** To acquire conceptual knowledge of the financial accounting and to provide knowledge about the techniques for preparing accounts in different business organizations.

#### Unit I:

##### (a) Theoretical Framework

Accounting as an information system, the users of financial accounting information and their needs. Qualitative characteristics of accounting information. Functions, advantages and limitations of accounting. Branches of accounting. Basis of accounting; cash basis and accrual basis.

The nature of financial accounting principles—Basic concepts and conventions: entity, money measurement, going concern, cost, realization, accruals, periodicity, consistency, prudence (conservatism), materiality and full disclosures.

Financial accounting standards: Concept, benefits, procedure for issuing accounting standards in India. International financial Reporting Standards (IFRS): - Need and procedures, Convergence to IFRS.

Distinction between Indian accounting standards (IND ASs) and Accounting standards (AS).

##### (b) Accounting Process

From recording of a business transaction to preparation of trial balance including, adjustments: Capital and Revenue expenditures & Receipts. Preparation of Profit and Loss Account and Balance Sheet. (Sole Proprietorship only).

##### (c) Computerised Accounting Systems

##### Practical Lab

Computerised Accounting Systems: 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, Trial Balance, Profit and Loss Account, Balance Sheet, Funds Flow Statement, Cash flow Statement, Selecting and shutting a Company; Backup and Restore data of a Company

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## **Unit II:**

### **(a) Business Income**

Measurement of business income-Net income: the accounting period, the continuity doctrine and matching concept. Objectives of income measurement.

Revenue Concept. Revenue recognition principles. Recognition of expenses.

The nature of depreciation. The accounting, concept of depreciation. Factors in the measurement of depreciation. Methods of computing depreciation: straight line method and diminishing balance method: Disposal of depreciable assets and change of method.

Inventories: Meaning. Significance of inventory valuation. Inventory Record Systems: periodic and perpetual. Methods: FIFO. LIFO and Weighted Average.

### **(b) Preparation of financial statements of not for profit organization**

### **(c) Unit III: Accounting for Hire Purchase and installment System**

Calculation of interest, partial and full repossession. Hire purchase trading (total cash price basis), stock and debtors system. Concepts of operating, and financial lease.

## **Unit IV: Accounting for Inland Branches**

Concept of dependent branches: accounting aspects: debtors system, stock and debtors system, branch final accounts system and whole sale basis system. Independent branches: Concept-accounting treatment: important adjustment entries and preparation of consolidated profit and loss account and balance sheet.

## **Unit V: Accounting for Dissolution of the Partnership Firm**

Accounting of Dissolution of the Partnership firm including insolvency of partners, sale to a limited company and piecemeal distribution.

### **Note:**

1. The relevant Indian Accounting Standards in line with the IFRS for all the above topics should be covered
2. Any revision of relevant Indian Accounting Standard would become applicable immediately.
3. 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)
4. Examination Scheme for Computerized Accounting System-Practical for 20 marks. The practical examination will be for 1 hour.
5. Theory Exam shall carry 80 marks.

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### **Suggested Readings:**

1. Monga, J.R. *Financial Accounting Concepts and Application*, Mayoor Papre Backs, New Delhi.
2. Shukla, M.C., Grewal, T.S. and Gupta, S.C. *Advanced Accounts*, Vol.- I. S. Chand & Co., New Delhi.
3. Maheshwari, S.N., and Maheshwari, S.K. *Financial Accounting*, Vikas Publishing House New Delhi.
4. Lal, Jawahar, and Srivastava Seema *Financial Accounting Text & Problems*. Himalaya Publishing House, New Delhi.
5. Tulsian, P.C. *Financial Accounting*, Tata McGraw Hill, New Delhi.
6. Jain, S.P., and Narang K.L. *Financial Accounting*, Kalyani Publishers, New Dehi.
7. Gupta, Nirmal, *Financial Accounting and Auditing*, Ane Books (P) Ltd. New Delhi.
8. Compendium of Statements and Standards of Accounting, The Institute of Chartered Accountants of India, New Delhi.
9. Elliott, Barry, and Elliott, Jamic *Financial Reporting and Analysis*, Prentice Hall International.
10. Homgren, Charles T. *Introduction to Financial Accounting*, Pearson Education.

**Note: Latest edition of test book may be used.**

### **Paper BCH 1.3: BUSINESS LAWS**

**Duration: 3 hrs.**

**Objective:** To impart basic knowledge of the important business laws along with relevant case law.

#### **Unit I: The Indian Contract Act, 1872**

- a) Contract - meaning, characteristics and kinds
- b) Essentials of valid contract - Offer and acceptance, consideration, contractual capacity, free consent, legality of objects.
- c) Void agreements
- d) Discharge of contract - modes of discharge including breach and its remedies.
- e) Contingent contracts
- f) Quasi - contracts
- g) Contract of Indemnity and Guarantee
- h) Contract of Bailment
- i) Contract of Agency

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## **Unit II: The Sale of Goods Act, 1930**

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

## **Unit III: The Limited Liability Partnership Act, 2008**

- a) Salient Features of LLP
- b) Difference between LLP and Partnership, LLP and Company
- c) LLP Agreement
- d) Nature of LLP
- e) Partners and Designated Partners
- f) Incorporation Document
- g) Incorporation by Registration, Registered office of LLP and change therein
- h) Change of name
- i) Partners and their Relations
- j) Extent and limitation of liability of LLP and partners
- k) Whistle blowing
- l) Taxation of LLP
- m) Conversion of LLP
- n) Winding up and dissolution

## **Unit IV: The Information Technology Act 2000**

- a) Definitions under the Act
- b) Digital signature
- c) Electronic governance
- d) Attribution, acknowledgement and dispatch of electronic records
- e) Regulation of certifying authorities
- f) Digital signatures certificates
- g) Duties of subscribers
- h) Penalties and adjudication
- i) Appellate Tribunal
- j) Offences

### **Suggested Readings:**

1. Lee Reach. *Business Laws*, Oxford University Press, UK.



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2. Singh, Avtar. *The Principles of Mercantile Law*, Eastern Book Company, Lucknow.
  3. Tulsian, P.C. *Business Law*, Tata McGraw Hill, New Delhi.
  4. Sharma, J.P., and Kanojia, Sunaina. *Business Laws*, Ane Books Pvt. Ltd., New Delhi.
  5. Chadha, P.R, *Business Law*, Galgotia Publishing Company, New Delhi
  6. Maheshwari & Maheshwari, *Business Law*, National Publishing House, New Delhi.
  7. *Information Technology Rules 2000 with Information Technology Act 2000*, Taxmann Publications Pvt. Ltd., New Delhi.

**Note: Latest edition of text books may be used.**

**Paper BCH 1.4(A): INTRODUCTORY MICRO ECONOMICS**

\*Please refer to Page No. 110 see details of Introductory Micro Economics

**Paper BCH 1.4(B): TEXT AND PERFORMANCE: THEATRE STUDIES**

\*Please refer to Page No. 112 see details of Text and Performance: Theatre Studies

**Paper BCH 1.4(C): CALCULUS**

\*Please refer to Page No. 113 see details of Calculus

**Paper BCH 1.4(D): हिंदी सिनेमा**

\*Please refer to Page No. 113 see details of हिंदी सिनेमा

**Paper BCH 1.4(E): POLITICAL OF GLOBALIZATION**

\*Please refer to Page No. 114 see details of Political of Globalization

**Semester - II**

**Paper BCH 2.1: ENVIRONMENTAL STUDIES/ AECC-1 \***

\*Please refer to Page No. 106 see details of Environmental Studies/AECC-1

**Paper BCH – 2.2: CORPORATE ACCOUNTING**

**Duration: 3 Hrs.**

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

**Unit I: Accounting for Share Capital & Debentures**

Issue, forfeiture and reissue of forfeited shares-concept & process of book building. Issue of rights and bonus shares. Buy back of shares. Redemption of preference shares. Issue and Redemption of Debentures.

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## **Unit II: Final Accounts**

Preparation of profit and loss account and balance sheet of corporate entities, excluding calculation of managerial remuneration. Disposal of company profits.

## **Unit III: Valuation of Goodwill and Valuation of Shares**

Concepts and calculation - simple problem only.

## **Unit IV: Amalgamation of Companies**

Concepts and accounting treatment as per Accounting Standard: 14 (ICAI) (excluding inter company holdings). Internal reconstruction; concepts and accounting treatment excluding scheme of reconstruction.

## **Unit V: Accounts of Holding Companies/Parent Companies**

Preparation of consolidated balance sheet with one subsidiary company. Relevant provisions of Accounting Standard: 21 (ICAI).

## **Unit VI: Banking Companies**

Difference between balance sheet of banking and non-banking company; prudential norms. Asset structure of a commercial bank. Non-performing assets (NPA).

## **Unit VII: Cash Flow Statement**

Preparation of cash flow statement as per Accounting Standard (AS): 3 (Revised) (ICAI): Indirect method only.

### **Note:**

1. The relevant Indian Accounting Standards in line with the IFRS for all the above topics should be covered.
2. Any revision of relevant Indian Accounting Standard would become applicable immediately.

### **Suggested Readings:**

1. Monga, J.R. *Fundamentals of Corporate Accounting*. Mayur Paper Backs. New Delhi.
2. Maheshwari, S,N. and Maheshwari, S. K. *Corporate Accounting*, Vikas Publishing House, New Delhi,
3. Shukla. M.C., Grewal T.S., and Gupta. S.C. *Advanced Accounts*. Vol.-II. S. Chand & Co., New Delhi,
4. Ahmed, Naseem, *Corporate Accounting*. ANE Books Pvt. Ltd., New Delhi.
5. Gupta, Nirmal, *Coporate Accounting*. Sahitya Bhawan, Agra,
6. Jain, S.P. and Narang, K.L, *Corporate Accounting*. Kalyani Publishers, New Delhi.
7. Compendium of Staternents and Standards of Accounting, The Institute of Chartered Accountants of India, New Delhi.

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**Note: Latest edition of text books may be used.**

## **Paper BCH 2.3: CORPORATE LAWS**

**Duration: 3 hrs.**

**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.

### **Unit I: Introduction**

Administration of Company Law [including National Company Law Tribunal (NCLT), Appellate Tribunal (NCLAT), Special Courts]; characteristics of a company; common seal; lifting of corporate veil; types of companies including private and public company, government company, foreign company, one person company, small company, associate company, dormant company, producer company; association not for profit; illegal association; formation of company, promoters and their legal position, pre incorporation contract and provisional contracts; on-line registration of a company.

### **Unit II: Documents**

Memorandum of association and its alteration, articles of association and its alteration, doctrine of constructive notice and indoor management, prospectus, shelf prospectus and red herring prospectus, misstatement in a prospectus; GDR; book building; issue, allotment and forfeiture of shares, calls on shares; public offer and private placement; issue of sweat capital; employee stock options; issue of bonus shares; transmission of shares, buyback and provisions regarding buyback; share certificate; D-Mat system; membership of a company.

### **Unit III: Management and Meetings**

Classification of directors, additional, alternate and adhoc director; women directors, independent director, small shareholders' director; director identity number (DIN); appointment, who can appoint a director, disqualifications, removal of directors; legal position, powers and duties; key managerial personnel, managing director, manager; meetings of shareholders and board; types of meeting, convening and conduct of meetings, requisites of a valid meeting; postal ballot, meeting through video conferencing, e-voting; committees of board of directors - audit committee, nomination and remuneration committee, stakeholders relationship committee, corporate social responsibility committee; prohibition of insider trading.

### **Unit IV: Dividends, Accounts, Audit**

Provisions relating to payment of dividend, provisions relating to books of account, provisions relating to audit, auditors' appointment, rotation of auditors, auditors' report, secretarial standards and secretarial audit; on-line filing of documents, winding up - concept and modes of winding up.

### **Unit V: The Depositories Act 1996**

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Definitions; rights and obligations of depositories; participants, issuers and beneficial owners; inquiry and inspections, penalties.

**Suggested Readings:**

1. Hicks, Andrew & Goo S.H., *Cases and Material on Company Law*, Oxford University Press
2. Gowar, LCB, *Principles of Modern Company Law*, Stevens & Sons, London.
3. Majumdar, A.K., and Kapoor G.K., *Company Law and Practice*, Taxmann, New Delhi
4. Hanningan, Brenda, *Company Law*, Oxford University Press, U.K.
5. Sharma, J.P., *An Easy Approach to Corporate Laws*, Ane Books Pvt. Ltd., New Delhi
6. Ramaiya, *A Guide to Companies Act*, LexisNexis Buttersworth wadhwa.
7. Kannal, S., & Sowrirajan V.S., *Company Law Procedure*, Taxman's Allied Services (P) Ltd., New Delhi.
8. Singh, Harpal, *Indian Company Law*, Galgotia Publishing, Delhi.
9. *Companies Act and Corporate Laws*, Bharat Law House Pvt Ltd, New Delhi
10. The Depositories Act, 1996

**Note: Latest edition of text books may be used.**

**Paper BCH 2.4 (A): INTRODUCTORY MACROECONOMICS**

\*Please refer to Page No. 116 see details of Introductory Macroeconomics

**Paper BCH 2.4 (B): MEDIA & COMMUNICATION SKILLS**

\*Please refer to Page No. 117 see details of Media & Communication Skills

**Paper BCH 2.4(C): LINEAR ALGEBRA**

\*Please refer to Page No. 118 see details of Linear Algebra

**Paper BCH 2.4(D): पटकथा तथा संवाद लेखन**

\*Please refer to Page No. 119 see details of पटकथा तथा संवाद लेखन

**Paper BCH 2.4(E): CONTEMPORARY POLITICAL ECONOMY**

\*Please refer to Page No. 119 see details of Contemporary Political Economy

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## Semester - III

### Paper BCH 3.1: HUMAN RESOURCE MANAGEMENT

**Duration:** 3 hrs.

**Objective:** To acquaint students with the techniques and principles to manage human resource of an organisation.

#### **Unit I: Human Resource Management**

Concept and functions; Role, status and competencies of HR manager; HR policies; Evolution of HRM; Emerging challenges of human resource management - Workforce diversity, empowerment, downsizing, VRS, work life balance.

#### **Unit II: Acquisition of Human Resource**

Human resource planning- Quantitative and qualitative dimensions; Job analysis – Job description and job specification; Recruitment - concept and sources; Selection - concept and process; Test and interview; Placement, induction and socialization; Retention.

#### **Unit III: Training and Development**

Concept and importance; Role specific and competency based training; Training and development methods - Apprenticeship, understudy, job rotation, vestibule training, case study, role playing, sensitivity training, In -basket, management games, conferences and seminars, coaching and mentoring, management development programs; Training process outsourcing.

#### **Unit IV: Performance Appraisal and Compensation Management**

Performance appraisal - Nature, objectives and process; Performance management; Methods of performance appraisal; Potential appraisal; Employee counselling; Job changes - Transfers and promotions, Human resource audit;

Compensation - Concept and policies, Base and supplementary compensation; Individual, group and organization incentive plans; Fringe benefits; Performance linked compensation; Employee stock option; Pay band compensation system; Job evaluation.

#### **Unit V: Maintenance of employees and Emerging Horizons of HRM**

Employee health and safety; Employee welfare; Social security (excluding legal provisions); Employer-employee relations- An overview; Grievance handling and redressal; Industrial disputes: Causes and settlement machinery; e-HRM; Human Resource Information System and e-HRM; Impact of HRM practices on organisational performance; HR audit, Contemporary issues in human resource management.

#### **Suggested Readings**

1. Mondy, A. W., and Noe, R. M. *Human Resource Management*. Pearson Education.
2. Decenzo, D.A., and Robbins, S. P. *Fundamentals of Human Resource Management*. Wiley, India.

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3. Dessler, G., and Varkkey, B. *Human Resource Management*. Pearson Education, Delhi.
  4. Chhabra, T.N. *Human Resource Management*. Dhanpat Rai & Co., Delhi.
  5. Aswathappa, K. *Human Resource Management*. Tata McGraw-Hill, New Delhi.
  6. French, W. L. *Human Resource Management*. Haughten Mifflin, Boston.
  7. Gupta, C.B. *Human Resource Management*. Sultan Chand & Sons, Delhi.
  8. Rao, V. S. P. *Human Resource Management: Text and Cases*. Excel Books.

**Note: Latest edition of text books may be used.**

### **Paper BCH 3.2: INCOME TAX LAW AND PRACTICE**

**Duration: 3 hrs.**

**Lectures/Practical Lab**

**Objective:** To provide basic knowledge and equip students with application of principles and provisions of Income-Tax Act, 1961.

#### **Unit I: 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 II: Computation of Income under different heads-I**

Income from Salaries; Income from house property

#### **Unit III: Computation of Income under different heads-2**

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

#### **Unit IV: 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**

**Practical Lab**

Filing of returns: Manually, On-line filing of Returns of Income & TDS; Provision & Procedures of Compulsory On-Line filing of returns for specified assesses.

**There shall be a practical examination of 20 Marks on E-filing of Income Tax Returns using a software utility tool. The student is required to fill appropriate Form and generate the XML file.**

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### **Suggested readings:**

1. Singhanian, Vinod K., and Singhanian, Monica. *Students' Guide to Income Tax, University Edition*. Taxmann Publications Pvt. Ltd., New Delhi.
2. Ahuja, Girish., and Gupta, Ravi. *Systematic Approach to Income Tax*. Bharat Law House, Delhi.
3. Pagare, Dinkar. *Law and Practice of income Tax*. Sultan Chand and Sons, New Delhi.
4. Lal, B.B. *Income Tax Law and Practice*. Konark Publications, New Delhi.

### **Journals**

1. *Income Tax Reports*. Company Law Institute of India Pvt. Ltd., Chennai.
2. *Taxman*. Taxman Allied Services Pvt. Ltd., New Delhi.
3. *Current Tax Reporter*. Current Tax Reporter, Jodhpur.

### **Software**

1. Excel Utility available at [incomelaxindiaejiling.gov.in](http://incomelaxindiaejiling.gov.in)

**Note: Latest edition of text books and Software may be used.**

## **Paper BC H 3.3: MANAGEMENT PRINCIPLES AND APPLICATIONS**

**Duration: 3 hrs.**

**Objective:** To provide the student with an understanding of basic management concepts, principles and practices.

### **Unit I: Introduction**

- 1.1 Concept: Need for study; Managerial functions - An overview; Coordination - Essence of Management.
- 1.2 Evolution of Management Thought: Classical approach - Taylor, Fayol, Neo classical and Human relations approach - Hawthorne experiments, Behavioural approach, Systems approach, Contingency approach, MBO, Re-engineering, Five- force analysis, Learning Organisation, Fortune at the Bottom of Pyramid.
- 1.3 Trends and Challenges of Management in Global Scenario, Emerging issues in management.

### **Unit II: Planning**

- 2.1 Types of Plan - An overview.
- 2.2 Strategic planning - Concept, process, Importance and limitations; Growth strategies - internal and external.
- 2.3 Environmental analysis and diagnosis (Internal and external environment) - Definition, Importance and Techniques (SWOT/TOWS/WOTS-UP, BCG Matrix,

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- Competitor Analysis), Business environment - Concept and components.
- 2.4 Decision-making - Concept, importance, group decision making, Individual versus group decision making, Decision making process, perfect rationality and bounded rationality, techniques (qualitative and quantitative, MIS, DSS).

### **Unit III: Organising**

- 3.1 Concept.
- 3.2 Process of organizing - An overview, span of management, different types of authority (line, staff and functional), decentralization, delegation.
- 3.3 Formal and informal organization.
- 3.4 Principles of organizing.
- 3.5 Types of organization structure.

### **Unit IV: Staffing and Directing**

- 4.1 Concept of staffing - Recruitment and Selection; Orientation; Training and Development; Career Development; Performance Appraisal.
- 4.2 Motivation - Concept, importance, intrinsic and extrinsic motivation; Major motivation theories - Maslow's need hierarchy theory, Herzberg's two factor theory, McGregor's Theory X and Theory Y, Ouchi's Theory Z.
- 4.3 Leadership - Concept, importance; Major theories of leadership (Likert's scale theory, Blake and Mouton's Grid theory, House's path goal theory, Fred Fielder's situational leadership), Transactional leadership, Transformational leadership, Transforming leadership.
- 4.4 Communication - Concept, purpose, process; Oral and written communication; Formal and informal communication networks; Barriers to communication, overcoming barriers to communication.

### **Unit V: Control**

- 5.1 Concept, process, limitation, principles of effective control, Major techniques of control - Ratio analysis (ROI), budgetary control, EVA, MVA, PERT, and CPM.

### **Suggested Readings:**

1. Koontz, H. and Weihrich, H. *Essentials of Management*. Pearson Education.
2. Robbins, S. and Coulter. *M. Management*. Pearson Education.
3. Robbins, S. P., Decenzo, D.A., Bhattacharya, S. and Agrawal, M.M. *Fundamentals of Management: Essentials, Concepts and Applications*. Pearson Education.
4. Drucker P. F. *Practice of Management*. Mercury Books, London.
5. Chhabra, T.N. *Essentials of Management*. Sun India.
6. Griffin, R. W. *Management Principles and Application*. Cengage Learning



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7. Luthans, F. *Introduction to Management*. McGraw Hill.

**Note: Latest edition of text books may be used.**

**Paper - BCH 3.4(A): INDIAN ECONOMY -1 OR MONEY & BANKING OR ENVIRONMENTAL ECONOMICS**

\*Please refer to Page No. 122 see details of Indian Economy -1 or Money & Banking or Environmental Economics

**Paper - BCH 3.4(B): LANGUAGE, LITERATURE & CULTURE**

\*Please refer to Page No. 126 see details of Language, Literature & Culture

**Paper - BCH 3.4(C): DIFFERENTIAL EQUATIONS**

\*Please refer to Page No. 126 see details of Differential Equations

**Paper - BCH 3.4(D): हिंदी कहानी**

\*Please refer to Page No. 127 see details of हिंदी कहानी

**Paper - BCH 3.4(E): NATIONALISM IN INDIA**

\*Please refer to Page No. 128 see details of Nationalism in India

**Paper - BCH 3.5(A): E-COMMERCE**

**Duration: 2 hrs.**

**Objective:** To enable the student to become familiar with the mechanism for conducting business transactions through electronic means

**Unit I: Introduction:**

Meaning, nature, concepts, advantages, disadvantages and reasons for transacting online, types of E-Commerce, e-commerce business models (introduction, key elements of a business model and categorizing major E-commerce business models), forces behind e-commerce.

Technology used in E-commerce: The dynamics of world wide web and internet (meaning, evolution and features) ; Designing, building and launching e-commerce website (A systematic approach involving decisions regarding selection of hardware, software, outsourcing vs. in house development of a website)

**Unit II: Security and Encryption:**

Need and concepts, the e-commerce security environment: (dimension, definition and scope of security), 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 and protecting servers and clients).

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**Unit III: Website designing****Practical Lab**

Introduction to HTML; tags and attributes: Text Formatting, Fonts, Hypertext Links, Tables, Images, Lists, Forms, Frames, Cascading Style Sheets.

**Unit IV: E-payment System:****Lectures/Practical Lab**

Models and methods of e-payments (Debit Card, Credit Card, Smart Cards, e-money), digital signatures (procedure, working and legal position), payment gateways, online banking (meaning, concepts, importance, electronic fund transfer, automated clearing house, automated ledger posting), risks involved in e-payments.

**Unit V: On-line Business Transactions:****Lectures/Practical Lab**

Meaning, purpose, advantages and disadvantages of transacting online, E-commerce applications in various industries like {banking, insurance, payment of utility bills, online marketing, e-tailing (popularity, benefits, problems and features), online services (financial, travel and career), auctions, online portal, online learning, publishing and entertainment}. Online shopping (amazon, snapdeal, alibaba, flipkart, etc.)

**Unit VI: Security and Legal Aspects of E-Commerce**

Threats in E-Commerce, Security of Clients and Service-Provider; Cyber Laws – Relevant provisions of Information Technology Act 2000, offences, secure electronic records and digital signatures penalties and adjudication.

**Note:**

- i) There shall be 3 Credit Hrs. for lectures + One Credit hr. (2 Practical periods per week per batch) for Practical Lab

**Suggested Readings**

1. Agarwala, Kamlesh N., Lal, Amit, and Agarwala, Deeksha. *Business on the Net: An Introduction to the Whals and HoIVS of E-Commerce*. Macmillan India Ltd.
2. Bajaj, Deobyani Nag. *E-Commerce*. Tata McGraw Hill Company, New Delhi.
3. Turban, E., et. a l. *Electronic commerce: A Managerial Perspective*. Pearson Education Asia.
4. Diwan, Prag., and Sharma, Sunil. *Electronic Commerce -A Manager's Guide to E-Business*. Vanity Books International, Delhi.
5. Dietel , Harvey M., Dietel, Paul J., and Kate Steinbuhler. *E-business and E-commerce for managers*. Pearson Education.
6. Greenstein, M. and T.M. Feinman. *Electronic Commerce: Security, Risk Management and Control*. Tata McGraw hill.
7. Kosiur, David, *Understanding Electronic Commerce*. Prentice Hall of India Private

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Ltd., New Delhi.

8. Whiteley, David. *E-commerce*. McGraw Hill, New York.

**Note: Latest edition of text book may be used.**

### **Paper BCH 3.5(B): TRAINING AND DEVELOPMENT**

**Duration: 2 hrs.**

**Objective:** To train the students to understand the learning environment of a firm. The knowledge so obtained will make them capable of providing training to Human Resource of a business firm.

#### **Unit I: Introduction**

Concept and functions of Human resource management; Essence of training and development in human resource management.

Training and learning: Concept of training and learn in g, the learning process, learning curve, principles of learning, training guidelines, experience versus training, kinds of training, system approach to training, programmed instruction, transfer of training.

#### **Unit II: Training Needs Assessment and Curriculum Development**

Identification of Training and Development needs, training needs assessment-various approaches (the job and the Individual), Advantages and disadvantages of basic needs assessment techniques, Assessing curriculum needs, curriculum standards, matching organisational training needs, Developing training materials.

#### **Unit III: Training Methods**

Three Stages of training (Preparatory, implementation and follow up stage), On the job, and off the job methods, experiential versus non-experiential methods.

#### **Unit IV: Evaluation of Training and Development, and Emerging Pattern**

Reasons of evaluating training, Criteria for evaluation, problems of evaluation, steps involved in evaluation, methods for training evaluation, analysis and costing of training. Emerging Pattern of Training and development in India. Two Indian case studies to be discussed in the class.

#### **Suggested Readings:**

1. Prior, John. *Handbook of Training and Development*, Jaico Publishing House, Bombay.
2. Donald, F. Michalak and Edwin, G. Yager. *Making the Training Process Work*. Harper and Row, New York.
3. Phillips, Jack J. *Handbook of Training Evaluation and Measurement Methods*, Houston, Gulf Publishing Co.
4. Lynton, R. and Pareek, U. *Training for Development*. Vistaar, New Delhi

**Note: Latest edition of text book may be used.**

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## Paper BCH 3.5(C): E-MARKETING

**Duration: 2 hrs.**

**Objective:** This course aims at providing the knowledge of concept, tools and techniques of E-marketing.

### **Unit I: Introduction**

Concept, nature and importance of marketing; Basics of market segmentation and targeting. An overview of marketing decisions.

Concept and nature of e marketing, E-marketing versus traditional marketing; Issues, challenges and opportunities for e-marketing; Reasons for growth of e-marketing; Tools and techniques of e-marketing-advantages and disadvantages; e-marketing situations.

### **Unit II: E-Marketing Management**

Segmentation, targeting and positioning; E-marketing mix; E-marketing and customer relationship management - concept and scope; E-customers and their buying process; E-marketing and customer loyalty and satisfaction; Communities and social networks.

### **Unit III: Internet Marketing**

Concept and role of internet marketing; Website design and domain name branding; Search engine optimization - functions, type of traffic, keywords and steps in search engine optimization ; Internet advertising - types and tracking ROI; Online PR, News and reputation Management; Direct marketing -scope and growth; E-mail marketing; Social media marketing: Concept and tools; Blogging - benefits, types; Video-marketing for business purpose - tools and techniques; Pay per click marketing; Issues and challenges.

### **Suggested Readings:**

1. Strauss, Judy., and Raymond Frost. *E-Marketing*. Prentice Hall.
2. Hanson, Ward A., *Principles of Internet Marketing*. South Western College Pub. Division of Thomson Learning.
3. Chaffey, D. F., Chadwick, Ell is., Mayer, R., and K. Johnston. *Internet marketing: Strategy, implementation and Practice*. Prentice Hall.
4. Hanson, W.A., and K. Kalyanam. *Internet marketing & e-commerce*. South-Western College Pub.
5. Fill, Chris. *Marketing Communication: Interactivity, Communities and Content*. Financial Times Prentice Hall.
6. Scott, David Meennan. *New Rules of Marketing and PR*. John Wiley & Sons.
7. Ryan, Damian., and Jones, Calvin. *Understanding Digital Marketing: Marketing Strategies for Engaging the Digital Generation*. Koganpage Publishers.

**Note: Latest edition of text book may be used.**

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## Paper BCH 3.5(D): PERSONAL TAX PLANNING

**Duration: 2 hrs.**

**Objective:** To provide basic knowledge of income tax and wealth tax laws to non-commerce students in easily comprehensible manner with a view to equip them to use the legitimate tool of tax planning in their economic life.

### **Unit I: Concept of tax planning**

Meaning of tax planning, tax avoidance and tax evasion; objective of tax planning. Basic framework of Income tax law; meaning of a few frequently used terms like assessee, previous year, assessment year, Gross total income, Total taxable income, deduction, exemption.

### **Unit II: Tax planning relating to residential status and to agricultural income**

Tax Planning with reference to Residential status - Relevance of residential status in computing taxable income, Determination of Residential status of an individual, Relationship between residential status and incidence of tax, Area of Tax Planning - Case Study

Provisions in brief relating to concept of agricultural income and tax treatment of agricultural income.

### **Unit III: Tax Planning with Reference to Salary Income**

Summarized provisions relating to computation of income under the head salary. Taxation of present benefits: Bonus, Pees and Commission, Meaning, Types and tax Implications of allowances, Meaning, types, Valuation and tax Implication of perquisites, Allowances vs. Perquisites, Terminal benefits like gratuity, leave encashment, commuted pension, tax relief u/s 89(1)

Case studies based on designing pay package.

### **Unit IV: Planning with Reference to Wealth Tax**

Wealth tax provisions in brief; Incidence of Tax liability; Valuation of Immovable Property; Computation of Tax Liability; Area of tax planning - case study.

### **Suggested Readings**

1. Singhanian, Vinod K., S inghanian, Kapil., and Monica Singhanian. *Direct Taxes Planning and Management*. Taxmann Publications Pvt. Ltd., New Delhi.
2. Ahuja, Girish., and Gupta, Ravi. *Corporate Tax Planning and Management*. Bharat Law House, Delhi.
3. Goyal, S.P. *Direct Tax Planning*. Sahitya Bhawan publication, Agra.
4. Acharya, Shuklendra, and Gurha, M.G. *Tax Planning under Direct Taxes*. Modern Law Publication, Allahabad.

**Note: Latest edition of text books may be used. Relevant Finance Act and Finance Rules, and articles by tax consultants in leading newspapers such as Economic Times and Financial Express may also be referred.**

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## Semester - IV

### Paper BCH 4.1: COST ACCOUNTING

**Duration: 3 hrs.**

**Objective:** To acquaint the students with basic concepts used in cost accounting and various methods involved in cost ascertainment systems and use of costing data for planning, control & decision-making.

#### **Unit I: Introduction**

Meaning, objectives and advantages of cost accounting, Difference between financial, cost, and management accounting. Cost concepts and classifications, Elements of cost, Installation of costing system; Role of a cost accountant in an organization.

#### **Unit II: Elements of Cost: Material and Labour**

**a. Materials:** Material/inventory control techniques. Accounting and control of purchases, storage and issue of materials. Methods of pricing of materials issues- FIFO, LIFO, Simple Average, Weighted Average, Replacement, Standard Cost. Treatment of Material Losses

**b. Labour:** Accounting and Control of labour cost. Time keeping and time booking. Concept and treatment of idle time, over time, labour turnover and tinge benefits. Methods of wage payment and the Incentive schemes- Halsey, Rowan, Taylor's Differential piece wage.

#### **Unit III: Elements of Cost: Overheads**

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

#### **Unit IV: Methods of Costing**

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

#### **Unit V: Cost Accounting Systems**

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

#### **Suggested Readings:**

1. Lal, Jawahar., and Srivastava, Seema. *Cost Accounting*. McGraw Hill Publishing Co., New Delhi.
2. Nigam, B.M. Lall., and Jain, I.C. *Cost Accounting: Principles, Methods and Techniques*. PHI Pvt. Ltd, New Delhi.
3. Banerjee, Bhabatos. *Cost Accounting - Theory and Practice*. PHI Pvt. Ltd, New

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Delhi.

4. Jhamb, H. V. *Fundamentals of Cost Accounting*. Ane Books Pvt Ltd, New Delhi.
5. Arora, M. N. *Cost Accounting - Principles and Practice*. Vikas Publishing House, New Delhi.
6. Shukla, M. C., Grewal, T. S., and Gupta, M P. *Cost Accounting, Text and Problems*. S. Chand & Co. Ltd., New Delhi.
7. Jain, S. P., and Narang, K. L. *Cost Accounting, Principles and Methods*. Kalyani Publishers, Jalandhar.
8. Maheshwari, S. N., & Mittal, S. N. *Cost Accounting, Theory and Problems*. Shri Mahabir Book Depot, New Delhi.

**Note: Latest edition of text books may be used.**

### **Paper BCH 4.2: BUSINESS MATHEMATICS**

**Duration: 3 hrs.**

**Objective:** To familiarise the students with the basic mathematical tools with emphasis on applications to business and economic situations.

#### **Unit I: Matrices and Determinants**

- 1.1 Algebra of matrices. Inverse of a matrix, Matrix Operation - Business Application.
- 1.2 Solution of system of linear equations (having unique solution and involving not more than three variables) using matrix in version Method and Cremer's Rule, The Leontief Input Output Model (Open Model Only).

#### **Unit II: Calculus I**

- 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 and rules of differentiation, Maxima and Minima involving second or higher order derivatives.
- 2.3 Concept of Marginal Analysis, Concept of Elasticity, Applied Maximum and Minimum Problems including effect of Tax on Monopolist's Optimum price and quantity, Economic Order Quantity.

#### **Unit III: Calculus II**

- 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 in cases of two variables involving not more than one constraint including the use of the Lagrange multiplier.

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- 3.3 Integration. Standard forms. Methods of integration - by substitution, by PaJts 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**

#### **Lecture/Practical Lab**

- 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.
- 4.3 Types of annuities, like ordinary, due, deferred, continuous, perpetual, and their future and present values using different types of rates of interest. Depreciation of Assets. Valuation of simple loans and debentures. Sinking Fund.

*(General annuities to be excluded)*

#### **Unit V: Linear Programming**

#### **Lectures/ Practical Lab**

- 5.1 Formulation of linear programming problems (LPP). Graphical solution to LPPs. Cases of unique and multiple optimal solution s. Unbounded solutions, infeasibility, and redundant constraints.
- 5.2 Solution to LPPs using 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 of the Dual, Primal- Dual Solutions: (Excluding solution of dual problem when the primal problem involves mixed constraints). Economic interpretation of the dual.

**Note: In addition the students will work on a software package for solving linear programming problems and analyze the results obtained there from. This will be done through internal assessment.**

#### **Suggested Readings:**

1. Anthony, M., and Biggs, N. *Mathematics for Economics and Finance*. Cambridge University Press.
2. Ayres, Frank Jr. *Theory and Problems of Mathematics of Finance*. Schaum's Outlines Series. McGraw Hill Publishing Co.
3. Budnick, P. *Applied Mathematics*. McGraw Hill Publishing Co.
4. Dowling, E.T. *Mathematics for Economics*, Schaum's Outlines Series. McGraw Hill Publishing Co.
5. Mizrahi and Sullivan, John. *Mathematics jar Business and Social Sciences*. Wiley and Sons.
6. Wikes, F.M. *Mathematics for Business, Finance and Economics*. Thomson Learning.



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7. Prasad, Bindra., and Mittal, P.K. *Fundamentals of Business Mathematics*. Har-Anand Publications.
  8. Thukral, J.K. *Business Mathematics*. Mayurpaper backs
  9. Vohra, N.D. *Quantitative Techniques in Management*. Tata McGraw Hill Publishing Company.
  10. Soni, R.S. *Business Mathematics*. Pitambar Publishing House.
  11. Singh J. K. *Business Mathematics*. Himalaya Publishing House.

**Note: Latest edition of text books may be used.**

### **Paper BCH 4.3: COMPUTER APPLICATIONS IN BUSINESS**

**Duration: 3 hrs.**

**Objective:** To provide computer skills and knowledge for commerce students and to enhance the student understands of usefulness of in format ion technology tools for business operations.

#### **Unit I: Introduction**

Introduction to Computer-Characteristics of Computers, the Computer System, Parts of Computers); Computer *H/W* Setup, Configuration, Networking, Mobile *H/W* Device and types wireless Networking; Operating System- Introduction to Operating Systems, An overview of various Computer & Mobile OS & Application (UN IX / Linux, DOS, Windows, Android, windows mobile. iOS Like), Features of latest Windows Operating Systems & its Management & Networking (Installation, backup, security, User control), Usage of payment gateways.

#### **Unit II: Introduction to essential tools**

#### **Lecture/ Practical Lab**

Introduction to facilities & commonly used features of:

- a) **Word:** Working with word document, Inserting, filling and formatting a table, Mail Merge including linking with Access Database, Creating Macros -Sending E-mail from Word Import / Export of files Converting Word Document to Web Document, PDF files Hyperlinks; OLE Security features in MS-Word - Protection of Documents – Password for Documents - Checking for viruses in macros, referencing, creating bibliography, manage sources and citations, review documents.
- b) **PowerPoint:** Preparing Presentation s, Slides, Handouts, Speaker's Notes - Outlines - Media Clips - Charts - Graphs, Adding the Transitions to the Slide Show - Special effects in detail, - Setting Slide timings.
- c) **Spreadsheet:** Creating a work book, Rearranging Worksheet, Organizing Charts and graphs, Ranges and Functions & Formulae: Mathematical, Statistical Financial Functions such as NPV (Net present value), Future value, IRR (Internal Rate of Return), EMI (Equated Monthly Instalments, Compounding Yearly, periodic and monthly) – Auto Calculate Using Names in a Formula, Formula Editing, Consolidation of Data & Data Analysis - Sorting List, Filter & More Filtering Techniques - Consolidate data in multiple worksheets - What- if analysis, Goal

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Seek Scenario Manager, Solver, Lookup Function - Sub Totals, Nested-IF, Statistical Analysis; Data Validation & Protection - Create a drop down list from a range of cells - Apply data validation to cells - Copy data validation setting, remove data validation - Find cell that have data validation, protect cell data, using password to protect sheet and workbook. - Use validation to create dependent list; Pivot table Reports & Pivot Chart Reports.

### **Unit III: Using Spread sheet for Data Analysis & Reporting Features:**

#### **Lectures, Practical Lab**

Using spread sheet for following purposes and making reports: Loan & Lease statement, Ratio Analysis, Payroll statements, Capital Budgeting, Depreciation Accounting, Graphical representation of data, Frequency distribution and its statistical parameters, Correlation and Regression

### **Unit IV: Database Designs for Accounting and Business Applications**

#### **Lectures, Practical Lab**

Reality- Expressing the Application; Creating Initial design in Entity Relationship(ER) Model; Transforming ER Model to Relational data model concepts; Implementing RDM design using an appropriate DBMS.

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.

### **Unit V: CAAT Tools**

#### **Lectures, Practical Lab**

Capabilities & Importing Data from Accounting & other Application Systems - An Introduction; Analytical Reports, Duplicates/ Gaps. Sorting & Charting; Stratification, Summarization, Statistics & Aging - An Introduction ; Sampling, Macros and Audit Trail.

### **Suggested Readings:**

1. Rajaraman, V. *Introduction to Information Technology*. PHI.
2. Eliason, A.L. *On-line Business Computer-Application Science Research Associates* Chicago.
3. Leon, A., and Leon, M. *Fundamentals of Information Technology*. Leon. Vikas (4) Software manuals.
4. Sinha, Pradeep K., and Sinha, Preeti. *Foundation of Computing*. BPB Publication.
5. Basandra, Suresh K., *Management Information System*. Wheeler Publication, New Delhi, Allahabad.
6. Kumar, Muneesh. *Business Information System*. Vikas Publishing House.
7. Eliason, A. L. *On-line Business Computer Applications*, Science Research Associates, Chicago.

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8. Fitzgerald & Dennis. *Business Data Communication and Networking*. Wiley

**Note: Latest edition of text book may be used.**

**Paper - BCH 4.4(A): INDIAN ECONOMY-2 OR PUBLIC FINANCE OR ECONOMIC HISTORY OF INDIA**

\*Please refer to Page No. 130 see details of Indian Economy-2 or Public Finance or Economic History Of India

**Paper - BCH 4.4(B): CONTEMPORARY INDIA: WOMEN AND EMPOWERMENT**

\*Please refer to Page No. 134 see details of Women And Empowerment

**Paper - BCH 4.4(C): ELEMENTS OF ANALYSIS**

\*Please refer to Page No. 135 see details of Elements of Analysis

**Paper - BCH 4.4(D): हिंदी का वैश्विक परिदृश्य**

\*Please refer to Page No. 135 see details of हिंदी का वैश्विक परिदृश्य

**Paper - BCH 4.4(E): FEMINISM: THEORY AND PRACTICES**

\*Please refer to Page No. 136 see details of Feminism: Theory and Practices

**Paper BCH 4.5(a): ENTREPRENEURSHIP**

**Duration: 2 hrs.**

**Objective:** To understanding about entrepreneurship and creative thinking and behaviour for effectiveness at work and in life.

**Unit I: Introduction**

Meaning, elements, determinants and importance of entrepreneurship and creative behaviour. Entrepreneurship and creative response to the society' problems and at work. Dimensions of entrepreneurship: intrapreneurship, technopreneurship, cultural entrepreneurship, international entrepreneurship, netpreneurship, ecopreneurship, and social entrepreneurship.

**Unit II: Types of Business Entities**

Entrepreneurship and Micro, Small and Medium Enterprises. Concept of business groups and role of business houses and family business in India. The contemporary role models in Indian business: their values, business philosophy and behavioural orientations. Connect in family business and its resolution.

**Unit III: Entrepreneurial Sustainability**

Public and private system of stimulation, support and sustainability of entrepreneurship. Requirement, availability and access to finance, marketing assistance, technology, and industrial accommodation, Role of

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industries/entrepreneur's associations and self-help groups. The concept, role and functions of business incubators, angel investors, venture capital and private equity fund.

#### **Unit IV: Business Plan Preparation**

Sources of business ideas and tests of feasibility. Significance of writing the business plan/ project proposal. Contents of business plan/ project proposal. Designing business processes, location, layout, operation, planning & control; preparation of project report (various aspects of the project report such as size of investment, nature of product, market potential may be covered). Project submission/ presentation and appraisal thereof by external agencies, such as financial/nonfinancial institutions.

#### **Unit V: Mobilising Resources**

Mobilising resources for start-up. Accommodation and utilities. Preliminary contracts with the vendors, suppliers, bankers, principal customers; Contract management: Basic start-up problems.

#### **Suggested Readings:**

1. Bhide, Amar V. *The Origin and Evolution of New Businesses*. Oxford University Press, New York.
2. Kuratko and Rao. *Entrepreneurship: A South Asian Perspective*. Cengage Learning.
3. Desai, Vasant. *Dynamics of Entrepreneurial Development and Management*. Mumbai, Himalaya Publishing House.
4. Dollinger, Mare J. *Entrepreneurship: Strategies and Resources*. Illinois, Irwin.
5. Holt, David H. *Entrepreneurship: New Venture Creation*. Prentice-Hall of India, New Delhi.
6. Kao, John J. *The Entrepreneurial Organization*. Englewoods Cliffs, New Jersey: Prentice-Hall.
7. Panda, Shiba Charan. *Entrepreneurship Development*. New Delhi, Anmol Publications.
8. Pisek, Paul E. *Creativity, innovation and Quality*. (Eastern Economic Edition), New Delhi: Prentice-Hall of India.
9. Singh, Nagendra P. *Emerging Trends in Entrepreneurship Development*. New Delhi: ASEED.
10. Taneja, Satish., and Gupta, S.L. *Entrepreneurship Development-New Venture Creation*. Galgotia Publishing House, New Delhi.

**Note: Latest edition of text books may be used.**

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## **Paper BCH 4.5(b): COLLECTIVE BARGAINING AND NEGOTIATION SKILLS**

**Duration: 2 hrs.**

**Objective:** To promote understanding of the concept and theories of collective bargaining, and also to provide exposure to the required skills in negotiating a contract.

### **Unit I: Issues in Collective Bargaining**

Meaning, Definitions and Characteristics of Collective Bargaining; Critical Issues in Collective Bargaining; Theories of Collective Bargaining: I-lick'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.

### **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.

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

### **Suggested readings:**

1. J. Venkataratnam, C. S. *Industrial Relations: Text and Cases*. Oxford University Press, Delhi.
2. Salamon, Michael. *Industrial Relations- Theory & Practice*. London. Prentice Hall.
3. Dwivedi, R.S. *Managing Human Resources: Industrial Relations in Indian Enterprises*. Galgotia Publishing Company, New Delhi.
4. Edwards, P. *Industrial Relations: Theory and Practice in Britain*. Blackwell Publishing, U.K.

**Note: Latest edition of text book may be used.**

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## Paper BCH 4.5(c): E-FILING OF RETURNS

**Duration: 2 hrs.**

**Objective:** To provide the students the conceptual and practical knowledge about electronic filing of returns.

### Unit I: Conceptual Framework

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

### Unit II: 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 III: TDS and E-filing of TDS returns

Introduction to the concept of TDS; provision regarding returns of TDS; types of forms for filling TDS returns; practical workshop on e-filing of TDS returns.

### Unit IV: Service tax and E-filing of Service tax returns

Introduction to service tax; relevant notifications regarding e-filing of service tax returns; steps for preparing service tax returns; practical workshop on e-filing of service tax returns.

### Suggested Readings:

1. Ahuja, Girish., and Gupta, Ravi. *Systematic Approach to Income Tax*. Bharat Law House, Delhi.

### Softwares:

1. Excel Utility available at [incometaxindiaejiling.gov.in](http://incometaxindiaejiling.gov.in)

**Note: Latest edition of text book may be used.**

## Paper BCH 4.5(d): CYBER CRIMES AND LAWS

**Duration: 2 hrs.**

**Objective:** This paper intends to create an understanding towards the cybercrimes and to familiarize the students with the application of cyber laws in general.

### Unit I: Cyber Crimes

Introduction- Computer crime and cybercrimes; Distinction between cybercrime

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and conventional crimes; cyber forensic; Kinds of cybercrimes- cyber stalking, cyber terrorism, forgery and fraud, crimes related to IPRs, computer vandalism; Privacy of online data; Cyber Jurisdiction; Copyright issues; and Domain name dispute etc.

### **Unit II: Definition and Terminology (Information Technology Act, 2000)**

Concept of Internet, Internet Governance, E-Contract, E-Forms, Encryption, Data Security. Access, Addressee, Adjudicating Office r, Affix ing Digital Signatures, Appropriate Government, Certifying Authority, Certification Practice Statement, Computer, Computer Network, Computer Resource, Computer System, Cyber Appellate Tribunal, Data, Digital Signature, Electronic Form , Electron ic Record, Information, Intermediary, Key Pair, Originator, Public Key, Secure System, Verify, Subscriber as defined in the Information Technology Act, 2000.

### **Unit III: Electronic Records**

Authentication of Electronic Records; Legal Recognition of Electronic Records; Legal Recognition of Digital Signatures; Use of Electronic Records and Digital Signatures in Government and its Agencies; Retention of Electronic Records; 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

### **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) I, 107(2003) DLT385, 2003(71) DRJ 178, 2003 (3) JCC 1669'
- 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)- 'Info Ede(India)Ltd and Ors Vs Sanjeev Goyal, 783, 2006,HC', 'Societe Des Products Nestle S.A & others Vs Essar Industries & Ors, 2006 (33) PTC 496(Del)'**
- 4. Time and Place of Dispatch and Receipt of Electronic Record-section 13-**'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. Computer Related Offences:** 'Sanjay Kumar Vs State of Haryana, 20 13, CRR No. 66 of 2013(O&M) 1'

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7. **Punishment for Disclosure of Information in Breach of Lawful Contract See 72 A-** 'Google India Pvt Ltd Vs M/S Vishaka Industries Limited and another, AP High Court.
  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]'

**Suggested Reading:**

1. Efraim, Turban., Jae, Lee., King, David., and Chung, HM. *Electronic Commerce-A managerial Perspective*. Pearson Education
2. Joseph, P.T. *E-Col11111erce-An indian Perspective*. PHI
3. Chaffey, Dave. *E-business and E-commerce Management*. Pearson Education.
4. Painttal, D. *Law of Information Technology*. Taxmann Publications Pvt. Ltd., New Delhi.
5. Dietel, Harvey M., Dietel, Pau I J., and Kate Steinbuhler. *E-business and E-commerce for managers*. Pearson Education.
6. Brian, Craig. *Cyber Law: The Law of the Internet and information Technology*. Pearson Education
7. Sharma J. P., and Kanojia, Sunaina. *Cyber Laws*. Ane Books Pvt Ltd, New Delhi.
8. *Information Technology Rules 2000 & Cyber Regulations Appellate Tribunal Rules 2000 with Information Technology Act 2000*. Taxmann Publications Pvt. Ltd., New Delhi.

**Note: Latest edition of text book may be used.**

**Semester - V**

**Paper BCH 5.1: PRINCIPAL OF MARKETING**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbs-syllabus>



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## **Paper BCH 5.2: FUNDAMENTAL OF FINANCIAL MANAGEMENT**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

### **Paper BCH 5.3: DISCIPLINE SPECIFIC ELECTIVE-1 (anyone out of Group-A)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

### **Paper BCH 5.4: DISCIPLINE SPECIFIC ELECTIVE-2 (anyone out of Group-A)**

GROUP A	
a. Management Accounting	Ref. to DU website, link under below <a href="http://www.du.ac.in/du/index.php?page=cbbc-syllabus">http://www.du.ac.in/du/index.php?page=cbbc-syllabus</a>
b. Corporate Tax Planning	
c. Advertising	
d. Banking and Insurance	
e. Computerized Accounting System	
f. Financial Markets, Institutions and Financial Services	
g. Industrial Laws	
h. Organizational Behaviour	

## **Semester - VI**

### **Paper BCH 6.1: AUDITING AND CORPORATE GOVERNANCE**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

### **Paper BCH 6.2: INDIRECT TAX LAWS**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

### **Paper BCH 6.3: DISCIPLINE SPECIFIC ELECTIVE-3 (anyone out of Group-B)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

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**Paper BCH 6.4: DISCIPLINE SPECIFIC ELECTIVE-4 (anyone out of Group-B)**

GROUP B	
a. Fundamental of Investment	Ref. to DU website, link under below <a href="http://www.du.ac.in/du/index.php?page=cbbc-syllabus">http://www.du.ac.in/du/index.php?page=cbbc-syllabus</a>
b. Consumer Affairs and Customer Care	
c. Business Tax Procedures and Management	
d. International Business	

**SYLLABUS: B.A. (Hons.) Economics****Semester - I****Paper 1.1: ENVIRONMENTAL STUDIES/ AECC-1 \***

\*Please refer to Page No. 106 see details of Environmental Studies/AECC-1

**Paper 1.2: Core Economics Course 1: INTRODUCTORY MICROECONOMICS****Course Description**

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 Outline****1. Exploring the subject matter of Economics**

Why study economics? Scope and method of economics; the economic problem: scarcity and choice; the question of what to produce, how to produce and how to distribute output; science of economics; the basic competitive model; prices, property rights and profits; incentives and information; rationing; opportunity sets; economic systems; reading and working with graphs.

**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.

**3. The Households**

The consumption decision - budget constraint, consumption and income/price

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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.

#### **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.

#### **5. Imperfect Market Structure**

Monopoly and anti-trust policy; government policies towards competition; imperfect competition.

#### **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.

#### **Readings:**

1. Karl E. Case and Ray C. Fair, *Principles of Economics*, Pearson Education Inc., 8th Edition, 2007.
2. N. Gregory Mankiw, *Economics: Principles and Applications*, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.
3. Joseph E. Stiglitz and Carl E. Walsh, *Economics*, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition, 2007.

### **Paper 1.3: Core Economics Course 2: MATHEMATICAL METHODS IN ECONOMICS - I**

#### **Course Description**

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 Outline**

##### **1. Preliminaries**

Logic and proof techniques; sets and set operations; relations; functions and their

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properties; number systems.

## **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: characterizations, properties with respect to various operations and applications; differentiable functions: characterizations, properties with respect to various operations and applications; second and higher order derivatives: properties and applications.

## **3. Single-variable optimization**

Geometric properties of functions: convex functions, their characterizations and applications; local and global optima: geometric characterizations, characterizations using calculus and applications.

## **4. Integration of functions**

## **5. Difference equations**

### **Readings:**

K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002.

### **Paper 1.4(A): INSURANCE RISK AND MANAGEMENT**

\*Please refer to Page No. 112 see details of Insurance Risk and Management

### **Paper 1.4(B): TEXT AND PERFORMANCE: THEATRE STUDIES**

\*Please refer to Page No. 112 see details of Text and Performance: Theatre Studies

### **Paper 1.4(C): CALCULUS**

\*Please refer to Page No. 113 see details of Calculus

### **Paper 1.4(D): हिंदी सिनेमा**

\*Please refer to Page No. 113 see details of हिंदी सिनेमा

### **Paper 1.4(E): POLITICAL OF GLOBALIZATION**

\*Please refer to Page No. 114 see details of Political of Globalization

## **Semester - II**

### **Paper BCH 2.1: ENVIRONMENTAL STUDIES/ AECC-1 \***

\*Please refer to Page No. 106 see details of Environmental Studies/AECC-1

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## **Paper 2.2: Core Economics Course 3: INTRODUCTORY MACROECONOMICS**

### **Course Description**

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 savings, investment, GDP, money, inflation, and the balance of payments.

### **Course Outline**

#### **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.

#### **2. Money**

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.

#### **3. Inflation**

Inflation and its social costs; hyperinflation.

#### **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.

### **Readings:**

1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010,
2. N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition. 2009.
4. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc., 7th edition, 2011.
6. Errol D'Souza, *Macroeconomics*, Pearson Education, 2009.
7. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, *International Economics*, Pearson Education Asia, 9th edition, 2012.

## **Paper 2.3: Core Economics Course 4: MATHEMATICAL METHODS IN ECONOMICS - II**

### **Course Description**

This course is the second part of a compulsory two-course sequence. This part is to be

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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 Outline**

#### **1. Differential equations**

#### **2. 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.

#### **3. Functions of several real variables**

Geometric representations: graphs and level curves; differentiable functions: characterizations, 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: characterizations and applications.

#### **4. Multi-variable optimization**

Convex sets; geometric properties of functions: convex functions, their characterizations, properties and applications; further geometric properties of functions: quasiconvex functions, their characterizations, properties and applications; unconstrained optimization: geometric characterizations, characterizations using calculus and applications; constrained optimization with equality constraints: geometric characterizations, lagrange characterization using calculus and applications; properties of value function: envelope theorem and applications.

### **Readings:**

K. Sydsaeter and P. Hammond, *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi, 2002.

#### **Paper 2.4 (A): INVESTING IN STOCK MARKETS**

\*Please refer to Page No. 117 see details of Investing in Stock Markets

#### **Paper 2.4 (B): MEDIA & COMMUNICATION SKILLS**

\*Please refer to Page No. 117 see details of Media & Communication Skills

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### **Paper 2.4(C): LINEAR ALGEBRA**

\*Please refer to Page No. 118 see details of Linear Algebra

### **Paper 2.4(D): पटकथा तथा संवाद लेखन**

\*Please refer to Page No. 119 see details of पटकथा तथा संवाद लेखन

### **Paper 2.4(E): CONTEMPORARY POLITICAL ECONOMY**

\*Please refer to Page No. 119 see details of Contemporary Political Economy

## **Semester - III**

### **Paper 3.1: Core Economics Course 5: INTERMEDIATE MICROECONOMICS - I**

#### **Course Description**

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 Outline**

##### **1. Consumer Theory**

Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and intertemporal choice; revealed preference.

##### **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.

#### **Readings:**

1. Hal R. Varian, *Intermediate Microeconomics, a Modern Approach*, W.W. Norton and Company/Affiliated East-West Press (India), 8<sup>th</sup> edition, 2010. The workbook by Varian and Bergstrom may be used for problems.
2. C. Snyder and W. Nicholson, *Fundamentals of Microeconomics*, Cengage Learning (India), 2010.
3. B. Douglas Bernheim and Michael D. Whinston, *Microeconomics*, Tata McGrawHill (India), 2009.

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## **Paper 3.2: Core Economics Course 6: INTERMEDIATE MACROECONOMICS - I**

### **Course Description**

This course introduces the students to formal modeling of a macro-economy 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 the students to various theoretical issues related to an open economy.

### **Course Outline**

#### **1. Aggregate Demand and Aggregate Supply Curves**

Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply.

#### **2. Inflation, Unemployment and Expectations**

Phillips curve; adaptive and rational expectations; policy ineffectiveness debate.

#### **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.

### **Readings:**

1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
4. Steven M. Sheffrin, *Rational Expectations*, Cambridge University Press, 2nd edition, 1996.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc., 7th edition, 2011.
6. Errol D'Souza, *Macroeconomics*, Pearson Education, 2009
7. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, *International Economics*, Pearson Education Asia, 9th edition, 2012.

## **Paper 3.3: Core Economics Course 7: STATISTICAL METHODS FOR ECONOMICS**

### **Course Description**

This is a course on statistical methods for economics. It begins with some basic concepts and terminology that are fundamental to statistical analysis and inference. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables and of joint distributions. This is followed by a discussion on sampling techniques used to collect survey data. The course introduces the notion of sampling distributions that act as a bridge between



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probability theory and statistical inference. The semester concludes with some topics in statistical inference that include point and interval estimation.

## **Course Outline**

### **1. Introduction and Overview**

The distinction between populations and samples and between population parameters and sample statistics; the use of measures of location and variation to describe and summarize data; population moments and their sample counterparts.

### **2. Elementary Probability Theory**

Sample spaces and events; probability axioms and properties; counting techniques; conditional probability and Bayes' rule; independence.

### **3. Random Variables and Probability Distributions**

Defining random variables; probability distributions; expected values of random variables and of functions of random variables; properties of commonly used discrete and continuous distributions (uniform, binomial, normal, poisson and exponential random variables).

### **4. Random Sampling and Jointly Distributed Random Variables**

Density and distribution functions for jointly distributed random variables; computing expected values; covariance and correlation coefficients.

### **5. Sampling**

Principal steps in a sample survey; methods of sampling; the role of sampling theory; properties of random samples.

### **6. Point and Interval Estimation**

Estimation of population parameters using methods of moments and maximum likelihood procedures; properties of estimators; confidence intervals for population parameters.

## **Readings:**

1. Jay L. Devore, *Probability and Statistics for Engineers*, Cengage Learning, 2010.
2. John E. Freund, *Mathematical Statistics*, Prentice Hall, 1992.
3. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics 11 and its Applications*, Prentice Hall, 2011.
4. William G. Cochran, *Sampling Techniques*, John Wiley, 2007.

## **Paper - 3.4(A): PROJECT MANAGEMENT**

\*Please refer to Page No. 126 see details of Project Management

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### **Paper - 3.4(B): LANGUAGE, LITERATURE & CULTURE**

\*Please refer to Page No. 126 see details of Language, Literature & Culture

### **Paper - 3.4(C): DIFFERENTIAL EQUATIONS**

\*Please refer to Page No. 126 see details of Differential Equations

### **Paper - 3.4(D): हिंदी कहानी**

\*Please refer to Page No. 127 see details of हिंदी कहानी

### **Paper - 3.4(E): NATIONALISM IN INDIA**

\*Please refer to Page No. 128 see details of Nationalism in India

## **Paper - 3.5: Skill Enhancement Course (SEC) I: FINANCIAL ECONOMICS**

### **Course Description**

This course introduces students to the economics of finance. The course does not require any prior knowledge of economics. This course should be accessible to anyone with an exposure to elementary mathematics. The course is designed to impart the essential aspects of financial asset valuation. The students will be introduced to numerical techniques in finance using spreadsheet programmes such as Microsoft Excel. The course will impart skills that will be useful in a variety of business settings including investment banks, asset management companies and in the field of financial and business journalism.

### **Course Outline**

#### **1. 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.

#### **2. Single-period random cash flows**

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.

#### **3. Capital Asset Pricing Model (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.

### **Readings:**

1. David G. Luenberger, *Investment Science*, Oxford University Press, USA, 1997.

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2. Richard A. Brealey and Stewart C. Myers, *Principles of Corporate Finance*, McGraw-Hill, 7th edition, 2002.
  3. Burton G. Malkiel, *A Random Walk Down Wall Street*, W.W. Norton & Company, 2003.
  4. Simon Benninga, *Financial Modeling*, MIT Press, USA, 1997.

## Semester - IV

### Paper - 4.1: Core Economics Course 8: INTERMEDIATE MICROECONOMICS - II

#### Course Description

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 Outline

##### 1. General Equilibrium, Efficiency and Welfare

Equilibrium and efficiency under pure exchange and production; overall efficiency and welfare economics.

##### 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.

##### 3. Market Failure

Externalities; public goods and markets with asymmetric information.

#### Readings:

1. Hal R. Varian, *Intermediate Microeconomics*, a Modern Approach, 8th edition, W.W. Norton and Company/Affiliated East-West Press (India), 2010. The workbook by Varian and Bergstrom could be used for problems.
2. C. Snyder and W. Nicholson, *Fundamentals of Microeconomics*, Cengage Learning (India), 2010.

### Paper - 4.2: Core Economics Course 9: INTERMEDIATE MACROECONOMICS - II

#### Course Description

This course is a sequel to Intermediate Macroeconomics I. In this course, the students are introduced to the long run dynamic issues like growth and technical progress. It also provides the micro-foundations to the various aggregative concepts used in the previous course.

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## Course Outline

### 1. Economic Growth

Harrod-Domar model; Solow model; golden rule; technological progress and elements of endogenous growth.

### 2. Microeconomic Foundations

- a. Consumption: Keynesian consumption function; Fisher's theory of optimal intertemporal choice; life-cycle and permanent income hypotheses; rational expectations and random-walk of consumption expenditure.
- b. Investment: determinants of business fixed investment; residential investment and inventory investment.
- c. Demand for money.

### 3. 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.

### 4. Schools of Macroeconomic Thoughts

Classicals; Keynesians; New-Classicals and New-Keynesians.

### Readings:

1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
4. Charles I. Jones, *Introduction to Economic Growth*, W.W. Norton & Company, 2nd edition, 2002.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc., 7th edition, 2011.
6. Errol D'Souza, *Macroeconomics*, Pearson Education, 2009.
7. Robert J. Gordon, *Macroeconomics*, Prentice-Hall India Limited, 2011.

### Paper - 4.3: Core Economics Course 10: INTRODUCTORY ECONOMETRICS

#### Course Description

This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of and tests for misspecification of regression models.

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## Course Outline

### 1. Nature and Scope of Econometrics

### 2. Statistical Concepts

Normal distribution; chi-sq, t- and F-distributions; estimation of parameters; properties of estimators; testing of hypotheses: 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.

### 3. Simple Linear Regression Model: Two Variable Case

Estimation of model by method of ordinary least squares; properties of estimators; goodness of fit; tests of hypotheses; scaling and units of measurement; confidence intervals; Gauss-Markov theorem; forecasting.

### 4. Multiple Linear Regression Model

Estimation of parameters; properties of OLS estimators; goodness of fit -  $R^2$  and adjusted  $R^2$ ; partial regression coefficients; testing hypotheses – individual and joint; functional forms of regression models; qualitative (dummy) independent variables.

### 5. Violations of Classical Assumptions: Consequences, Detection and Remedies

Multicollinearity; heteroscedasticity; serial correlation.

### 6. Specification Analysis

Omission of a relevant variable; inclusion of irrelevant variable; tests of specification errors.

### Readings:

1. Jay L. Devore, *Probability and Statistics for Engineers*, Cengage Learning, 2010.
2. John E. Freund, *Mathematical Statistics*, Prentice Hall, 1992.
3. Richard J. Larsen and Morris L. Marx, *An Introduction to Mathematical Statistics and its Applications*, Prentice Hall, 2011.
4. D. N. Gujarati and D.C. Porter, *Essentials of Econometrics*, McGraw Hill, 4th edition, International Edition, 2009.
5. Christopher Dougherty, *Introduction to Econometrics*, Oxford University Press, 3rd edition, Indian edition, 2007.
6. Jan Kmenta, *Elements of Econometrics*, Indian Reprint, Khosla Publishing House, 2nd edition, 2008.

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**Paper - 4.4 (A): ECONOMICS OF REGULATIONS OF DOMESTIC AND FOREIGN EXCHANGE MARKETS**

\*Please refer to Page No. 134 see details of Economics of Regulations of Domestic and Foreign Exchange Markets

**Paper - 4.4(B): CONTEMPORARY INDIA: WOMEN AND EMPOWERMENT**

\*Please refer to Page No. 134 see details of Women and Empowerment

**Paper - 4.4(C): ELEMENTS OF ANALYSIS**

\*Please refer to Page No. 135 see details of Elements of Analysis

**Paper - 4.4(D): हिंदी का वैश्विक परिदृश्य**

\*Please refer to Page No. 135 see details of हिंदी का वैश्विक परिदृश्य

**Paper - 4.4(E): FEMINISM: THEORY AND PRACTICES**

\*Please refer to Page No. 136 see details of Feminism: Theory and Practics

**Paper - 4.5: Skill Enhancement Course (SEC) II: DATA ANALYSIS**

**Course Description:**

This course introduces the student to collection and presentation of data. It also discusses how data can be summarized and analysed for drawing statistical inferences. The students will be introduced to important data sources that are available and will also be trained in the use of free statistical software to analyse data.

**Course Outline:**

1. Sources of data. Population census versus sample surveys. Random sampling.
2. Univariate frequency distributions. Measures of central tendency: mean, median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion, skewness and kurtosis.
3. Bivariate frequency distribution. Correlation and regression. Rank correlation.
4. Introduction to probability theory. Notions of random experiment, sample space, event, probability of an event. Conditional probability. Independence of events. Random variables and probability distributions. Binomial and normal distributions.
5. Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.
6. Basics of index numbers: price and quantity index numbers.

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**Readings:**

1. P.H. Karmel and M. Polasek (1978), *Applied Statistics for Economists*, 4th edition, Pitman.
2. M.R. Spiegel (2003), *Theory and Problems of Probability and Statistics* (Schaum Series).

**Semester - V****Paper – 5.1: ECONOMICS CORE COURSE 11: INDIAN ECONOMY-I****Course Description**

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. Given the rapid changes taking place in India, the reading list will have to be updated annually.

**Course Outline****1. Economic Development since Independence**

Major features of the economy at independence; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance—sustainability and regional contrasts; structural change, savings and investment.

**2. Population and Human Development**

Demographic trends and issues; education; health and malnutrition.

**3. Growth and Distribution**

Trends and policies in poverty; inequality and unemployment.

**4. International Comparisons****Readings:**

1. Jean Dreze and Amartya Sen, Jean Dreze and Amartya Sen, 2013. *An Uncertain Glory: India and its Contradictions*, Princeton University Press.
2. Pulapre Balakrishnan, 2007, The Recovery of India: Economic Growth in the Nehru Era, *Economic and Political Weekly*, November.
3. Rakesh Mohan, 2008, —Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, *Economic and Political Weekly*, May.
4. S.L. Shetty, 2007, —India's Savings Performance since the Advent of Planning, in K.L. Krishna and A. Vaidyanathan, editors, *Institutions and Markets in India's Development*.
5. Himanshu, 2010, Towards New Poverty Lines for India, *Economic and Political Weekly*, January.

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6. Jean Dreze and Angus Deaton, 2009, Food and Nutrition in India: Facts and Interpretations, *Economic and Political Weekly*, February.
  7. Himanshu. 2011, —Employment Trends in India: A Re-examination, *Economic and Political Weekly*, September.
  8. Rama Baru et al, 2010, —Inequities in Access to Health Services in India: Caste, Class and Region, *Economic and Political Weekly*, September.
  9. Geeta G. Kingdon, 2007, —The Progress of School Education in India, *Oxford Review of Economic Policy*.
  10. J.B.G. Tilak, 2007, —Post Elementary Education, Poverty and Development in India, *International Journal of Educational Development*.
  11. T. Dyson, 2008, —India's Demographic Transition and its Consequences for Development in Uma Kapila, editor, *Indian Economy Since Independence*, 19th edition, Academic Foundation.
  12. Kaushik Basu, 2009, —China and India: Idiosyncratic Paths to High Growth, *Economic and Political Weekly*, September.
  13. K. James, 2008, —Glorifying Malthus: Current Debate on Demographic Dividend in India *Economic and Political Weekly*, June.
  14. Reetika Khera, 2011, —India's Public Distribution System: Utilisation and Impact *Journal of Development Studies*.
  15. Aniruddha Krishna and Devendra Bajpai, 2011, —Lineal Spread and Radial Dissipation: Experiencing Growth in Rural India, 1992-2005, *Economic and Political Weekly*, September.
  16. Kaushik Basu and A. Maertens, eds, 2013, *The New Oxford Companion to Economics*, Oxford University Press.

## **Semester - V**

### **Paper – 5.2: ECONOMICS CORE COURSE 12: DEVELOPMENT ECONOMICS -I**

#### **Course Description**

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.



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## Course Outline

### 1. Conceptions of Development

Alternative measures of development, documenting the international variation in these measures, comparing development trajectories across nations and within them.

### 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.

### 3. Poverty and Inequality: Definitions, Measures and Mechanisms

Inequality axioms; a 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.

### 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.

## Readings

1. Debraj Ray, *Development Economics*, Oxford University Press, 2009.
2. Partha Dasgupta, *Economics, A Very Short Introduction*, Oxford University Press, 2007.
3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, *Understanding Poverty*, Oxford University Press, 2006.
4. Kaushik Basu, *The Oxford Companion to Economics in India*, OUP, 2007.
5. Amartya Sen, *Development as Freedom*, OUP, 2000.
6. Daron Acemoglu and James Robinson, *Economic Origins of Dictatorship and Democracy*, Cambridge University Press, 2006.
7. Robert Putnam, *Making Democracy Work: Civic Traditions in Modern Italy*, Princeton University Press, 1994

### **Paper – 5.3: DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE-1 (From List of Group-I)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbcs-syllabus>

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**Paper –5.4: DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE--2 (From List of Group-I)**

GROUP I	
a. Economics of Health and Education	
b. Applied Econometrics	
c. Economics History of India (1857-1947)	Ref. to DU website, link under below <a href="http://www.du.ac.in/du/index.php?page=cbs-syllabus">http://www.du.ac.in/du/index.php?page=cbs-syllabus</a>
d. Topics in Microeconomics-I	
e. Political Economy-1	
f. Money and Financial Markets	
g. Public Economic	

**Semester - VI**

**Paper –6.1: ECONOMICS CORE COURSE 13: INDIAN ECONOMY-II**

**Course Description**

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. Given the rapid changes taking place in the country, the reading list will have to be updated annually.

**Course Outline**

**1. Macroeconomic Policies and Their Impact**

Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.

**2. Policies and Performance in Agriculture**

Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and procurement.

**3. Policies and Performance in Industry**

Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.

**5. Trends and Performance in Services**

**Readings:**

1. Shankar Acharya, 2010, —Macroeconomic Performance and Policies 2000-8, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances*

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- and Challenges: Development and Participation*, Oxford University Press.
2. Rakesh Mohan, 2010, —India's Financial Sector and Monetary Policy Reforms, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances and Challenges: Development and Participation*, Oxford University Press.
  3. Pulapre Balakrishnan, Ramesh Golait and Pankaj Kumar, 2008, —Agricultural Growth in India Since 1991, *RBI DEAP Study no. 27*.
  4. B.N. Goldar and S.C. Aggarwal, 2005, —Trade Liberalisation and Price-Cost Margin in Indian Industries, *The Developing Economics*, September.
  5. P. Goldberg, A. Khandelwal, N. Pavcnik and P. Topalova, 2009, —Trade Liberalisation and New Imported Inputs, *American Economic Review, Papers and Proceedings*, May.
  6. Kunal Sen, 2010, —Trade, Foreign Direct Investment and Industrial Transformation in India, in Premachandra Athukorala, editor, *The Rise of Asia*, Routledge.
  7. A. Ahsan, C. Pages and T. Roy, 2008, —Legislation, Enforcement and Adjudication in Indian Labour Markets: Origins, Consequences and the Way Forward, in D. Mazumdar and S. Sarkar, editors, *Globalization, Labour Markets and Inequality in India*, Routledge.
  8. Dipak Mazumdar and Sandeep Sarkar, 2009, —The Employment Problem in India and the Phenomenon of the Missing Middle, *Indian Journal of Labour Economics*.
  9. J. Dennis Rajakumar, 2011, —Size and Growth of Private Corporate Sector in Indian Manufacturing, *Economic and Political Weekly*, April.
  10. Ramesh Chand, 2010, —Understanding the Nature and Causes of Food Inflation, *Economic and Political Weekly*, February.
  11. Bishwanath Goldar, 2011, —Organised Manufacturing Employment: Continuing the Debate, *Economic and Political Weekly*, April.
  12. Kaushik Basu and A. Maertens, eds, 2013, *The New Oxford Companion to Economics in India*, Oxford University Press.

## **Paper –6.2: ECONOMICS CORE COURSE 14: DEVELOPMENT ECONOMICS-II**

### **Course Description**

This is the second module 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.

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## Course Outline

### 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.

### 2. Land, Labor 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.

### 3. Individuals, Communities and Collective Outcomes

Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.

### 4. 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.

### 5. Globalization

Globalization in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalized world.

## Readings

1. Debraj Ray, *Development Economics*, Oxford University Press, 2009.
2. Partha Dasgupta, *Economics, A Very Short Introduction*, Oxford University Press, 2007.
3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, *Understanding Poverty*, Oxford University Press, 2006.
4. Thomas Schelling, *Micromotives and Macrobehavior*, W. W. Norton, 1978.
5. Albert O. Hirschman, *Exit, Voice and Loyalty: Responses to Decline in Firms, Organizations and States*, Harvard University Press, 1970.
6. Raghuram Rajan, *Fault Lines: How Hidden Fractures Still Threaten the World Economy*, 2010.
7. Elinor Ostrom, *Governing the Commons: The Evolution of Institutions for Collective Action*, Cambridge University Press, 1990.
8. Dani Rodrik, *The Globalization Paradox: Why Global Markets, States and*

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*Democracy Can't Coexist*, Oxford University Press, 2011.

9. Michael D. Bordo, Alan M. Taylor and Jeffrey G. Williamson (ed.), *Globalization in Historical Perspective*, University of Chicago Press, 2003.

**Paper –6.3: DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE--3 (From List of Group-II)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

**Paper –6.4: DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSE--4 (From List of Group-II)**

GROUP II	
a. Political Economy-II	Ref. to DU website, link under below <a href="http://www.du.ac.in/du/index.php?page=cbbc-syllabus">http://www.du.ac.in/du/index.php?page=cbbc-syllabus</a>
b. Comparative Economic Development (1850-1950)	
c. Financial Economics	
d. Topics in Microeconomics-II	
e. Environmental Economics	
f. International Economics	
g. Dissertation Project	

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**SYLLABUS**  
**ENVIRONMENTAL STUDIES**

**Unit 1 : Multidisciplinary nature of environmental studies**

Definition, scope and importance, need for public awareness. (2 lectures)

**Unit 2 : Natural Resources :**

Renewable and non-renewable resources :

Natural resources and associated problems.

- a) Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
- b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
- c) Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- e) Energy resources : Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Case studies.
- f) Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
  - Role of an individual in conservation of natural resources.
  - Equitable use of resources for sustainable lifestyles. (8 lectures)

**Unit 3 : Ecosystems**

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystems :-
  - a. Forest ecosystem
  - b. Grassland ecosystem
  - c. Desert ecosystem
  - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) (6 lectures)

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**Unit 4: Biodiversity and its conservation**

(8 lectures)

- Introduction - Definition : genetic, species and ecosystem diversity.
- Biogeographical classification of India
- Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation
- Hot-spots of biodiversity.
- Threats to bio diversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India
- Conservation of bio diversity : In-situ and Ex-situ conservation of biodiversity.

**Unit 5 : Environmental Pollution**

(8 lectures)

Definition

- Cause, effects and control measures of:-
  - a. Air pollution
  - b. Water pollution
  - c. Soil pollution
  - d. Marine pollution
  - e. Noise pollution
  - f. Thermal pollution
  - g. Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

**Unit 6: Social Issues and the Environment**

(7 lectures)

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case Studies
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies.
- Wasteland reclamation.

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- Consumerism and waste products.
  - Environment Protection Act.
  - Air (Prevention and Control of Pollution) Act.
  - Water (Prevention and control of Pollution) Act
  - Wildlife Protection Act
  - Forest Conservation Act
  - Issues involved in enforcement of environmental legislation.
  - Public awareness.

### **Unit 7 : Human Population and the Environment**

(6 lectures)

- Population growth, variation among nations.
- Population explosion - Family Welfare Programme.
- Environment and human health.
- Human Rights.
- Value Education.
- HIV/AIDS.
- Women and Child Welfare.
- Role of Information Technology in Environment and human health.
- Case Studies.

### **Unit 8 : Field work**

- Visit to a local area to document environmental assets river/ forest/grassland hill/ mountain
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc. (Field work Equal to 5 lecture hours)

### **References**

- a) Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner.
- b) Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad -380 013, India, Email:mapin@icenet.net (R)
- c) Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
- d) Clark R.S., Marine Pollution, Clanderson Press Oxford (TB)
- e) Cunningham, W.P. Cooper, T.H. Gorhani, E& Hepworth, M.T. 2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p
- f) DeA.K., Environmental Chemistry, Wiley Eastern Ltd.
- g) Down to Earth, Centre for Science and Environment (R)
- h) Gleick, H.P. 1993. Water in Crisis, Pacific Institute for Studies in Dev.,



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- Environment & Security. Stockholm Env. Institute Oxford Univ. Press. 473p
- i) Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)
  - j) Heywood, V.H & Weston, R.T. 1995. Global Biodiversity Assessment. Cambridge Univ. Press 1140p.
  - k) Jadhav, H & Bhosale, V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284 p.
  - l) Mckinney, M.L. & School, R.M. 1996. Environmental Science Systems & Solutions, Web enhanced edition. 639p.
  - m) Mhaskar A.K., Matter Hazardous, Techno-Science Publication (TB)
  - n) Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB)
  - o) Odum, E.P. 1971. Fundamentals of Ecology. W.B. Saunders Co. USA, 574p
  - p) Rao M N. & Datta, A.K. 1987. Waste Water treatment. Oxford & IBH Publ. Co. Pvt. Ltd. 345p.
  - q) Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut
  - r) Survey of the Environment, The Hindu (M)
  - s) Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science
  - t) Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (R)
  - u) Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (TB)
  - v) Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p

(M) Magazine  
(R) Reference  
(TB) Textbook

### **BUSINESS COMMUNICATION (In English)**

**Duration: 2 hrs.**

**Objective:** To acquire skills in reading, writing, comprehension and communication, and also to use electronic media for business communication.

#### **Unit I: Introduction**

Nature, Process and Importance of Communication, Types of Communication (verbal & Non Verbal), Different forms of Communication. Barriers to Communication: Linguistic Barriers, Psychological Barriers, Interpersonal Barriers, Cultural Barriers, Physical Barriers, Organizational Barriers.

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## **Unit II: Business Correspondence**

Letter Writing, presentation, Inviting quotations, Sending quotations, Placing orders, Inviting tenders, Sales letters, claim & adjustment letters and social correspondence, Memorandum, Inter-office Memo, Notices, Agenda, Minutes, Job application letter, preparing the resume.

## **Unit III: Report Writing**

Identify the types of reports, define the basic format of a report, identify the steps of report writing, write a report meeting the format requirements, determine the process of writing a report, importance of including visuals such as tables, diagrams and charts in writing report, apply citation rules (APA style documentation) in reports.

## **Unit IV: Business language and presentation**

Importance of Business language, Vocabulary Words often confused, Words often misspelt, Common errors in English. Oral Presentation Importance, Characteristics, Presentation Plan, Power point presentation, Visual aids.

## **Unit V: Technology and Business Communication**

Role, effects and advantages of technology in Business Communication like email, text messaging, instant messaging and modern techniques like video conferencing, social networking. Strategic importance of e-communication.

### **Suggested Readings:**

1. Lesikar, R.V. & Flatley, M.E. *Basic Business Communication Skills for Empowering the Internet Generation*, Tata McGraw Hill Publishing Company Ltd. New Delhi.
2. Bovee, and Thill, *Business Communication Today*, Pearson Education.
3. Taylor, Shirley. *Communication for Business*, Pearson Education.
4. Locker and Kaczmarek, *Business Communication: Building Critical Skills*, TMH.

**Note: Latest edition of text books may be used.**

## **SYLLABUS**

### **GENERIC ELECTIVE**

#### **GE-1. (A) Introductory Microeconomics (Dept. of Economics) (Only for B.Com. (H) Students)**

**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.

#### **Unit I: Exploring the subject matter of Economics**

Why study economics? Scope and method of economics; the economic problem:

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scarcity and choice; the question of what to produce, how to produce and how to distribute output; science of economics; the basic competitive model; prices, property rights and profits; incentives and information; rationing; opportunity sets; economic systems; reading and working with graphs.

### **Unit II: 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.

### **Unit III: 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 IV: 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 V: Imperfect Market Structure**

Monopoly and anti-trust policy; government policies towards competition; imperfect competition.

### **Unit VI: 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.

### **Readings**

1. Karl E. Case and Ray C. Fair, *Principles of Economics*, Pearson Education Inc., 8<sup>th</sup> Edition, 2007.
2. N. Gregory Mankiw, *Economics: Principles and Applications*, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4<sup>th</sup> edition, 2007.
3. Joseph E. Stiglitz and Carl E. Walsh, *Economics*, W.W. Norton & Company, Inc., New York, International Student Edition, 4<sup>th</sup> Edition, 2007.

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**GE-1. (A) Insurance Risk and Management (Dep. of Commerce)  
(Only for B.A. (H) Economics Students)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

**GE-1. (B) Text and Performance: Theatre studies (Dept. of English)**

**1. Introduction**

1. Introduction to theories of Performance
2. Historical overview of Western and Indian theatre
3. Forms and Periods: Classical, Contemporary, Stylized, Naturalist

Topics for Student Presentations:

- a. Perspectives on theatre and performance
- b. Historical development of theatrical forms
- c. Folk traditions

**2. Theatrical Forms and Practices**

1. Types of theatre, semiotics of performative spaces, e.g. proscenium 'in the round', amphitheatre, open-air, etc.
2. Voice, speech: body movement, gestures and techniques (traditional and contemporary), floor exercises: improvisation/characterization

Topics for Student Presentations:

- a. On the different types of performative space in practice
- b. Poetry reading, elocution, expressive gestures, and choreographed movement

**3. Theories of Drama**

1. Theories and demonstrations of acting: Stanislavsky, Brecht
2. Bharata

Topics for Student Presentations:

- a. Acting short solo/ group performances followed by discussion and analysis with application of theoretical perspectives

**4. Theatrical Production**

1. Direction, production, stage props, costume, lighting, backstage support.
2. Recording/archiving performance/case study of production/performance/impact of media on performance processes.

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Topics for Student Presentations:

- a. All aspects of production and performance; recording, archiving, interviewing performers and data collection.

### **GE-1. (C) Calculus (Dept. of Mathematics)**

Examination 3 hrs.

Five Lectures per week + Tutorial as per University rules

Max. Marks 100 (including internal assessment)

#### **UNIT-I**

$\epsilon$ - $\delta$  Definition of limit of a function, One sided limit, Limits at infinity, Horizontal asymptotes, Infinite limits, Vertical asymptotes, Linearization, Differential of a function, Concavity, Points of inflection, Curve sketching, Indeterminate forms, L'Hopital's rule, Volumes by slicing, Volumes of solids of revolution by the disk method.

#### **UNIT-II**

Volumes of solids of revolution by the washer method, Volume by cylindrical shells, Length of plane curves, Area of surface of revolution, Improper integration: Type I and II, Tests of convergence and divergence, Polar coordinates, Graphing in polar coordinates, Vector valued functions: Limit, Continuity, Derivatives, Integrals, Arc length, Unit tangent vector.

#### **UNIT-III**

Curvature, Unit normal vector, Torsion, Unit binormal vector, Functions of several Variables, Graph, Level curves, Limit, Continuity, Partial derivatives, Differentiability Chain Rule, Directional derivatives, Gradient, Tangent plane and normal line, Extreme values, Saddle points

#### **REFERENCES:**

- [1] G. B. Thomas and R. L. Finney, Calculus, Pearson Education, 11/e (2012)
- [2] H. Anton, I. Bivens and S. Davis, Calculus, John Wiley and Sons Inc., 7/e (2011)

### **GE-1. (D) हिंदी सिनेमा (Dept. of Hindi)**

**इकाई-1** : कला विधा के रूप में सिनेमा और उसकी सैद्धांतिकी

**इकाई-2** : हिन्दी सिनेमा : उद्भव और विकास

**इकाई-3** : सिनेमा में कैमरे की भूमिका

**इकाई-4** : नयी तकनीक और सिनेमा – सम्भावनाएँ और चुनौतियाँ  
(संदर्भ : मुगले आजम, मदर इंडिया, दीवार, पीके)

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**सहायक ग्रंथ :**

- फिल्म निर्देशन : कुलदीप सिन्हा
- हिंदी सिनेमा का इतिहास – मनमोहन चड्ढा
- नया सिनेमा – ब्रजेश्वर मदान
- भारतीय सिने सिद्धांत – अनुपम ओझा
- सिनेमा : कल, आज, कल – विनोद भारद्वाज
- हिंदी सिनेमा के सौ वर्ष – प्रकाशन विभाग
- हिंदी सिनेमा के सौ वर्ष – प्रह्लाद अग्रवाल
- राजकपूर : आधी हकीकत, आधा फसाना – प्रह्लाद अग्रवाल
- सिनेमा का जादुई सपफर – प्रताप सिंह
- मोहम्मद रफी : पैगम्बर-ए-मौसिकी – ज़िया इमाम
- नौशाद : ज़र्ज़ा जो आफताब बना – ज़िया इमाम
- सिनेमा के बारे में जावेद अख्तर से बातचीत – नसरीन मुन्नी कबीर
- गुरुदत्त – विमल मित्र
- सत्यजीत रे – महेंद्र मिश्र
- कैमरा मेरी तीसरी आँख – राधू कर्माकर
- धुनों की यात्रा – पंकज राग

**GE-1. (E) Politics of Globalization (Dept. of History and 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.

1. Concept of Globalisation: Globalisation debate; for and against.
2. Approaches to understanding globalisation:
  - a. Liberal approach
  - b. Radical approach
3. International Institutions/Regimes
  - a. World Bank
  - b. International Monetary Fund
  - c. The World Trade Organisation

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4. Issues in Globalisation: Alternative Perspectives on its nature and character, critical dimensions: economic, political and cultural
  5. Globalisation and democracy: State, sovereignty and the civil society.
  6. Globalisation and Politics in developing countries
    - a. Globalisation and social movements
    - b. Globalisation and the demise of Nation State
    - c. Globalisation and human migration
  7. The inevitability of globalisation: Domestic and Global responses

Suggested Reading:

1. Anthony Giddens, *The Globalizing of Modernity*.
2. Arjun Appadurai, *Modernity at Large: Cultural Dimensions of Globalisation*, University of Minnesota Press, 1996.
3. David E. Korten, Niconor Perlas and Vandana Shiva (ed.), *International Forum of Globalisation*.
4. Deepak Nayyar (ed.) *Governing Globalisation: Issues and Institutions*, Oxford University Press, 2002.
5. Held, David and Anthony McGrew (ed.), *The Global Transformation Reader: An introduction to the Globalisation Debate*, 2nd Cambridge, Polity Press, Blackwell Publishing.
6. Jagdish Bhagwati, *In defense of Globalisation*, Oxford University Press, 2004.
7. John Stopford, *Multinational Corporations*, Foreign Policy, Fall, 1998
8. Joseph E Stiglitz, *Globalisation and its discontents*.
9. Keohane Robert and Joseph S. Nye Jr., *Globalisation: What is new, what is not*.
10. Kofi Annan, *The politics of Globalisation*,
11. Marc Lindenberg and Coralie Bryant, *Going Global: Transforming Relief and Development NGOs*, Bloomfield, Kumarian Press.
12. Noreena Hertz, *The silent take over: Global Capitalism and the death of Democracy*, Praeger, 2000.
13. Nye Joseph S and John D. Donanu (ed.) *Governance in a Globalizing World*, Washington dc, Brookings.
14. Nye Jr. Joseph S, *Globalisation and American Power*.
15. Pilpin Robert, *The National State in the Global Economy*.
16. Samuel Huntington, *the clash of Civilizations and the Remaking of world order*.
17. Stanley Hoffman, *Clash of civilizations*,
18. Tyler Cowen, *Creative Destruction: How Globalisation is changing the world's culture*, New Jersey, Princeton University Press, 2000.

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### Additional Reading

1. Brahis John and Steeve Smith (ed.) *The Globalisation of World Politics: An Introduction to International Relations*, Oxford University Press, 2001.
2. John Clark (ed.), *Globalising Civic Engagement: Civil Society and Transnational Action*, London, Earthscan, 2003.
3. Sanjeev Khagram, James Riker and Korthrxu Sikkink (ed.) *Restructuring World Politics: Transnational Social Movements*, MN, University of Minnesota Press, 2002.
4. Bernard Hoelkman and Michel Kostecki, *the Political Economy of the World Trading System: From GATT to WTO*, New York, OUP,

### **GE-2. (A) Introductory Macroeconomics (Dept. of Economics) (Only for B.Com. (H) Students)**

**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 savings, investment, GDP, money, inflation, and the balance of payments.

#### **Unit I: 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 II: Money**

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.

#### **Unit III: Inflation**

Inflation and its social costs; hyperinflation.

#### **Unit IV: The Closed Economy in the Short Run**

Classical and Keynesian systems; simple Keynesian model of income determination; ISLM model; fiscal and monetary multipliers.

#### **Readings:**

1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
4. Richard T. Froyen, *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
5. Andrew B. Abel and Ben S. Bernanke, *Macroeconomics*, Pearson Education, Inc.,



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7th edition, 2011.

6. Errol D'Souza, *Macroeconomics*, Pearson Education, 2009.
7. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, *International Economics*, Pearson Education Asia, 9th edition, 2012.

**GE-2. (A) Investment in Stock Markets (Dept. of Commerce)  
(Only for B.A. (H) Economics Students)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbsc-syllabus>

**GE-2. (B) Media & Communication Skills (Dept. of English)**

**1. Introduction to Mass Communication**

1. Mass Communication and Globalization
2. 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.

**2. Advertisement**

1. Types of advertisements
2. Advertising ethics
3. 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

**3. Media Writing**

1. Scriptwriting for TV and Radio
2. Writing News Reports and Editorials
3. 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

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- c. Editing articles
  - d. Writing an editorial on a topical subject

#### **4. Introduction to Cyber Media and Social Media**

1. Types of Social Media
2. The Impact of Social Media
3. Introduction to Cyber Media

### **GE-2. (C) Linear Algebra (Dept. of Mathematics)**

Examination 3 hrs.

Five Lectures per week + Tutorial as per University rules

Max. Marks 100 (including internal assessment)

#### **UNIT-I**

Fundamental operation with vectors in Euclidean space  $\mathbf{R}^n$ , Linear combination of vectors, Dot product and their properties, Cauchy Schwarz inequality, Triangle inequality, Projection vectors, Some elementary results on vector in  $\mathbf{R}^n$ , 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 space, Some elementary properties of vector spaces, Subspace.

#### **UNIT-II**

Span of a set, A 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 nonhomogenous systems of equations, Coordinates of a vector in ordered basis, Transition matrix, Linear transformations: Definition and examples, Elementary properties, The matrix of a linear transformation, Linear operator and Similarity.

#### **UNIT-III**

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  $\mathbf{R}^n$ ), Orthogonal and orthonormal vectors, Orthogonal and orthonormal bases, Orthogonal complement, Projection theorem (Statement only), Orthogonal projection onto a subspace, Application: Least square solutions for inconsistent systems.

#### **REFERENCES:**

- [1] S. Andrilli and D. Hecker, Elementary Linear Algebra, Academic Press, 4/e (2012)
- [2] B. Kolman and D.R. Hill, Introductory Linear Algebra with Applications, Pearson Education, 7/e (2003)

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## GE-2. (D) पटकथा तथा संवाद लेखन (Dept. of Hindi)

इकाई-1 : पटकथा अवधारणा और स्वरूप

इकाई-2 : फीचर फिल्म, टी.वी. धारावाहिक, कहानी, एवं डॉक्यूमेंट्री की पटकथा

इकाई-3 : संवाद सैद्धान्तिकी और संरचना

इकाई-4 : फीचर फिल्म, टी.वी. धारावाहिक, कहानी, एवं डॉक्यूमेंट्री का संवाद-लेखन

सहायक ग्रंथ :

- पटकथा लेखन – मनोहर श्याम जोशी
- टेलीविज़न लेखन – असगर वज़ाहत, प्रभात रंजन
- कथा-पटकथा – मन्नू भंडारी
- रेडियो लेखन – मधुकर गंगाधर
- फीचर लेखन – मनोहर प्रभाकर

## GE-2. (E) Contemporary Political Economy (Dept. of History and Political Science)

**Course Objective:** Given the growing recognition worldwide of the importance of the political economy approach to the study of global order, this course has the following objectives: 1. To familiarize the students with the different theoretical approaches; 2. To give a brief overview of the history of the evolution of the modern capitalist world; 3. To highlight the important contemporary problems, issues and debates on how these should be addressed.

### I. Approaches to Political Economy (15 Lectures)

Classical Liberalism, Marxism, Welfarism, Neo-liberalism and Gandhian approach

### II. Capitalist Transformation (14 Lectures)

- a. European Feudalism and Transition to Capitalism
- b. Globalization: Transnational Corporations, World Trade Organization, Non-governmental Organizations (their role in development)

### III. Issues in Development (15 Lectures)

- (i) Culture: Media and Television
- (ii) Big Dams and Environmental Concerns
- (iii) Military: Global Arms Industry and Arms Trade
- (iv) Knowledge Systems

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## **IV. Globalization and Development Dilemmas (16 Lectures)**

- (i) IT revolution and Debates on Sovereignty
- (ii) Gender
- (iii) Racial and Ethnic Problems
- (iv) Migration

Essential Readings

### **I. Approaches to Political Economy:**

#### **a. Classical Liberalism**

Arblaster, A. (2006) 'The Rise and Decline of Western Liberalism' in Lal, D. *Reviving the Invisible Hand: The Case for Classical Liberalism in the Twentyfirst Century*. Princeton: Princeton University Press, pp. 1-8, 17-30, and 48-51.

#### **b. Marxism**

Mandel, E. (1979) *An Introduction to Marxist Economic Theory*. New York: Pathfinder Press, 3rd print, pp. 3-73.

#### **c. Welfarism**

Kersbergen, K.V. and Manow, P. (2009) *Religion, Class Coalition and Welfare State*. Cambridge: Cambridge University Press, chapters 1 and 10, pp. 1-38; 266-295

Andersen, J. G. (ed.) (2008) 'The Impact of Public Policies' in Caramani, D. *Comparative Politics*. Oxford: Oxford University Press, ch 22, pp. 547-563.

#### **d. Neo-liberalism**

Harvey, D. (2005) *A Brief History of Neo-liberalism*. Oxford: Oxford University Press, pp. 1-206.

#### **e. Gandhism**

Ghosh, B.N. (2007) *Gandhian Political Economy: Principles, Practice and Policy*. Ashgate Publishing Limited, pp. 21-88.

### **II. Capitalist Transformation**

a. European Feudalism and transition to Capitalism

Phukan, M. (1998) *The Rise of the Modern West: Social and Economic History of Early Modern Europe*. Delhi: Macmillan India, (ch.14: Transition from Feudalism to Capitalism), pp. 420-440.

#### **b. Globalization: Transnational Corporations**

Gilpin, R. (2003) *Global Political Economy: Understanding the International Economic Order*. Hyderabad: Orient Longman, pp. 278-304.

Kennedy, P. (1993) *Preparing for the Twentieth Century*. UK: Vintage, Ch. 3

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Gelinas, J. B. (2003) Juggernaut Politics- Understanding Predatory Globalization. Halifax, Fernwood, Ch.3. Available from: [www.globalpolicy.org](http://www.globalpolicy.org)

### **World Trade Organization**

Gilpin, R. (2003) Global Political Economy: Understanding the International Economic Order.

Hyderabad: Orient Longman, Ch. 8, pp. 196- 233.

### **Non-governmental Organizations (Their role in development)**

Prasad, K. (2000) NGOs and Social-economic Development Opportunities. New Delhi: Deep & Deep, ch. 1, 2, 3, 5.

Fisher, J. (2003) Non-governments – NGOs and the Political Development in the Third World.

Jaipur: Rawat, ch. 1, 4, 6, 81

### **III. Issues in Development:**

#### **(i) Culture:**

Media and Television Mackay, H. (2004) 'The Globalization of Culture' in Held, D. (ed.) A Globalizing World? Culture, Economics and Politics. London: Routledge, pp. 47- 84

Tomlinson, J. (2004) 'Cultural Imperialism' in Lechner, F. J and Boli, J. (eds.) The Globalization Reader. Oxford: Blackwell, pp. 303- 311.

#### **(ii) Big dams and Environmental Concerns**

Lechner, F. J and Boli, J. (eds.) (2004) The Globalization Reader. Oxford: Blackwell, pp. 361- 376 and 398- 404.

Held, D. and Mcrew, A. (eds.) (2000) The Global Transformations Reader. Cambridge: Polity Press, pp. 374- 386.

Singh, S. (1997) Taming the Waters: The Political Economy of Large Dams in India. New Delhi: Oxford University Press, pp. 133- 163, 182- 203, 204- 240.

#### **(iii) Military: Global Arms Industry and Arms Trade**

Kesselman, M. (2007) The Politics of Globalization. Boston: Houghton Mifflin Company, pp. 330- 339.

#### **(iv) Knowledge Systems:**

Marglin, S. (1990) 'Towards the Decolonisation of the Mind' in Marglin, S. and Marglin, F. A. (eds.) Dominating Knowledge: Development, Culture and Resistance. Oxford: Oxford University Press, pp. 1- 28.

### **IV. Globalization and Development Dilemmas:**

#### **(i) IT revolution and Debates on Sovereignty**

L. Lechner, F. J and Boli, J. (eds.) (2004) The Globalization Reader. Oxford: Blackwell,

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pp. 211- 244.

Held, D. and Mcrew, A. (eds.) (2000) *The Global Transformations Reader*. Cambridge: Polity Press, pp. 105-155.

Omahe, K. (2004) 'The End of the Nation State', L. Lechner, F. J and Boli, J. (eds.) *The Globalization Reader*. Oxford: Blackwell, ch. 29.

Glen, J. (2007) *Globalization: North-South Perspectives*. London: Routledge, ch.6.

Sen, A. (2006) *Identity and Violence: Illusion and Destiny*. London: Penguin/Allen Lane, ch.7, pp. 130-148.

### **(ii) Gender**

Berkovitch, N. (2004) 'The Emergence and Transformation of the International Women's Movements' in L. Lechner, F. J and Boli, J. (eds.) *The Globalization Reader*. Oxford: Blackwell, ch.31, pp. 251- 257.

Stears, J. (2000) 'The Gender Dimension' in Held, D. and Mcrew, A. (eds.), *The Global Transformations Reader*. Cambridge: Polity Press, ch.35, pp. 366- 373.

Tickner, J. A. (2008) 'Gender in World Politics' in Baylis, J., Smith, S. & Owens, P. (eds.) *Globalization of World Politics*, 4th edn., New Delhi: Oxford University Press, ch.15.

### **(iii) Racial and Ethnic Problems**

Kesselman, M. and Krieger, J. (2006) *Readings in Comparative Politics: Political Challenges and Changing Agendas*. Boston: Houghton Mifflin Company, pp. 243- 254 and 266- 276.

### **(iv) Migration**

Arya, S. and Roy, A. (eds.) *Poverty Gender and Migration*. New Delhi: Sage, Ch. 1

Kesselman, M. (2007) *The Politics of Globalization*. Boston: Houghton Mifflin Company, pp. 450- 462.

Nayyar, D. (ed.) (2002) *Governing Globalization*. Delhi: OUP, pp. 144- 176

## **GE-3. (A) Indian Economy – 1 or Money & Banking or Environmental Economics (Dept. of Economics) (Only for B.Com. (H) Students)**

### **Indian Economy -1**

**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.

### **Unit I: Economic Development since Independence**

Major features of the economy at independence; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance—sustainability and regional contrasts; structural change, savings and investment.

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## Unit II: Population and Human Development

Demographic trends and issues; education; health and malnutrition.

## Unit III: Growth and Distribution

Trends and policies in poverty; inequality and unemployment.

## Unit IV: International Comparisons

### Readings:

1. Jean Dreze and Amartya Sen, 2013. *An Uncertain Glory: India and its Contradictions*, Princeton University Press.
2. Pulapre Balakrishnan, 2007, The Recovery of India: Economic Growth in the Nehru Era, *Economic and Political Weekly*, November.
3. Rakesh Mohan, 2008, —Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, *Economic and Political Weekly*, May.
4. S.L. Shetty, 2007, —India's Savings Performance since the Advent of Planning, in K.L. Krishna and A. Vaidyanathan, editors, *Institutions and Markets in India's Development*.
5. Himanshu, 2010, —Towards New Poverty Lines for India, *Economic and Political Weekly*, January.
6. Jean Dreze and Angus Deaton, 2009, —Food and Nutrition in India: Facts and Interpretations, *Economic and Political Weekly*, February.
7. Himanshu. 2011, —Employment Trends in India: A Re-examination, *Economic and Political Weekly*, September.
8. Rama Baru et al, 2010, —Inequities in Access to Health Services in India: Caste, Class and Region, *Economic and Political Weekly*, September.
9. Geeta G. Kingdon, 2007, —The Progress of School Education in India, *Oxford Review of Economic Policy*.
10. J.B.G. Tilak, 2007, —Post Elementary Education, Poverty and Development in India, *International Journal of Educational Development*.
11. T. Dyson, 2008, —India's Demographic Transition and its Consequences for Development in Uma Kapila, editor, *Indian Economy Since Independence*, 19<sup>th</sup> edition, Academic Foundation.
12. Kaushik Basu, 2009, —China and India: Idiosyncratic Paths to High Growth, *Economic and Political Weekly*, September.
13. K. James, 2008, —Glorifying Malthus: Current Debate on Demographic Dividend in India, *Economic and Political Weekly*, June.
14. Reetika Khera, 2011, —India's Public Distribution System: Utilisation and Impact *Journal of Development Studies*.

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15. Aniruddha Krishna and Devendra Bajpai, 2011, —Lineal Spread and Radial Dissipation: Experiencing Growth in Rural India, 1992-2005, *Economic and Political Weekly*, September.
  16. Kaushik Basu and A. Maertens, eds, 2013, *Oxford Companion to Economics*, Oxford University Press.

### **Money and Banking**

**Objective:** This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It 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.

#### **Unit I: Money**

Concept, functions, measurement; theories of money supply determination.

#### **Unit II: Financial Institutions, Markets, Instruments and Financial Innovations**

- a. Role of financial markets and institutions; problem of asymmetric information – adverse selection and moral hazard; financial crises.
- b. Money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.

#### **Unit III: Interest Rates**

Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.

#### **Unit IV: Banking System.**

- a. Balance sheet and portfolio management.
- b. Indian banking system: Changing role and structure; banking sector reforms.

#### **Unit V: 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.

#### **Readings**

1. F. S. Mishkin and S. G. Eakins, *Financial Markets and Institutions*, Pearson Education, 6<sup>th</sup> edition, 2009.
2. F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, *Foundations of Financial Markets and Institutions*, Pearson Education, 3rd edition, 2009.
3. L. M. Bhole and J. Mahukud, *Financial Institutions and Markets*, Tata McGraw Hill, 5<sup>th</sup> edition, 2011.



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4. M. Y. Khan, *Indian Financial System*, Tata McGraw Hill, 7th edition, 2011.
  5. Various latest issues of R.B.I. Bulletins, Annual Reports, Reports on Currency and Finance and Reports of the Working Group, IMF Staff Papers.

### **Environmental Economics**

**Objective:** This course introduces students to concepts, methods and policy options in managing the environment using tools of economic analysis. This course should be accessible to anyone with an analytical mind and familiarity with basic concepts of economics. Since several environmental problems are caused by economic activity (for instance, carbon emissions, over-harvesting of renewable resources and air and water pollution as a by-product of industrial activity), this course examines different approaches to adjusting behaviour through economic institutions such as markets and incentives as well as through regulation, etc. It also addresses the economic implications of environmental policies through practical applications of methods for valuation of environmental goods and services and quantification of environmental damages. Conversely, the impact of economic growth on the environment is also addressed under the rubric of sustainable development. Environmental problems and issues from the Indian and international context (especially global warming) are used to illustrate the concepts and methods presented in the course. The course will be useful for students aiming towards careers in the government sector, policy analysis, business, journalism and international organisations.

#### **Unit I: Introduction**

Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; property rights and other approaches.

#### **Unit II: The Design and Implementation of Environmental Policy**

Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; transboundary environmental problems; economics of climate change.

#### **Unit III: Environmental Valuation Methods and Applications**

Valuation of non-market goods and services--theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations.

#### **Unit IV: Sustainable Development**

Concepts; measurement; perspectives from Indian experience

#### **Readings**

1. Roger Perman, Yue Ma, Michael Common, David Maddison and James McGilvray, *Natural Resource and Environmental Economics*, Pearson Education/Addison Wesley, 4th edition, 2011.
2. Charles Kolstad, *Intermediate Environmental Economics*, Oxford University

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Press, 2nd edition, 2010.

3. Robert N. Stavins (ed.), “*Economics of the Environment: Selected Readings*”, W.W. Norton, 6th edition, 2012.
4. Robert Solow , “An Almost Practical Step toward Sustainability,” Resources for the Future 40th anniversary lecture, 1992.
5. Kenneth Arrow et al. , “Are We Consuming Too Much?” *Journal of Economic Perspectives*, 18(3): 147-172, 2004.
6. IPCC (Intergovernmental Panel on Climate Change), Fifth Assessment Report (forthcoming 2014).

**GE-3. (A) Project Management (Dept. of Commerce)  
(Only for B.A. (H) Economics Students)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

**GE-3. (B) Language, Literature & Culture (Dept. of English)**

1. An anthology of writings on diversities in India

**GE-3. (C) Differential Equations (Dept. of Mathematics)**

Examination 3 hrs.

Five Lectures per week + Tutorial as per University rules  
Max. Marks 100 (including internal assessment)

**UNIT-I**

First order ordinary differential equations: Basic concepts and ideas, Exact differential equations, Integrating factors, Bernoulli equations, Orthogonal trajectories of curves, Existence and uniqueness of solutions, Second order differential equations: Homogenous linear equations of second order, Second order homogenous equations with constant coefficients, Differential operator, Euler-Cauchy equation.

**UNIT-II**

Existence and uniqueness theory, Wronskian, Nonhomogenous ordinary differential equations, Solution by undetermined coefficients, Solution by variation of parameters, Higher order homogenous equations with constant coefficients, System of differential equations, System of differential equations, Conversion of  $n$ th order ODEs to a system, Basic concepts and ideas, Homogenous system with constant coefficients.

**UNIT-III**

Power series method: Theory of power series methods, Legendre's equation,

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Legendre polynomial, Partial differential equations: Basic Concepts and definitions, Mathematical problems, First order equations: Classification, Construction, Geometrical interpretation, Method of characteristics, General solutions of first order partial differential equations, Canonical forms and method of separation of variables for first order partial differential equations, Classification of second order partial differential equations, Reduction to canonical forms, Second order partial differential equations with constant coefficients, General solutions.

#### REFERENCES:

- [1] Erwin Kreyszig, Advanced Engineering Mathematics, John Wiley & Sons, Inc., 9/e, (2006)
- [2] TynMyint-U and LokenathDebnath; Linear Partial Differential Equations for Scientists and Engineers, Springer, Indian Reprint (2009)

#### 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 – प्रसाद

##### इकाई-2

4. पाजेब – जैनेन्द्र कुमार
5. तीसरी कसम – फणी वरनाथ रेणु
6. चीफ की दावत – भीष्म साहनी

##### इकाई-3

7. परिन्दे – निर्मल वर्मा
8. दोपहर का भोजन – अमरकांत
9. सिक्का बदल गया – कृष्णा सोबती

##### इकाई-4

10. जंगल जातकम् – काशीनाथ सिंह
11. वापसी – उषा प्रियंवदा
12. घुसपैठिये – ओमप्रकाश बाल्मीकि

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## सहायक ग्रंथ

- संकलित निबंध – नलिन विलोचन शर्मा
- 'एक दुनिया समानान्तर' – राजेन्द्र यादव
- 'कहानी : नई कहानी' नामवर सिंह
- नई कहानी की भूमिका – कमलेश्वर
- हिंदी कहानी का इतिहास – गोपाल राय
- हिंदी कहानी : अंतरंग पहचान – रामदरश मिश्र
- हिंदी कहानी की रचना-प्रक्रिया – परमानंद श्रीवास्तव
- अपनी बात – भीष्म साहनी
- नई कहानी : संदर्भ और प्रकृति – देवीशंकर अवस्थी
- प्रेमचंद और उनका युग – रामविलास शर्मा
- साहित्य से संवाद – गोपेश्वर सिंह
- कुछ कहानियाँ : कुछ विचार – विश्वनाथ त्रिपाठी
- कथावीथी – हरिमोहन भार्मा और राजेन्द्र गौतम
- हिंदी कहानी का पहला दशक – संपा. भवदेव पाण्डेय
- हिंदी कहानी का विकास – मधुरेश
- हमसफरनामा – स्वयं प्रकाश
- समय और साहित्य – विजय मोहन सिंह
- हिंदी कहानी : प्रक्रिया और पाठ – सुरेंद्र चौधरी

### GE-3. (E) Nationalism in India (Dept. of History and Political Science)

**Course objective:** The purpose of this course is to help students understand the struggle of Indian people against colonialism. It seeks to achieve this understanding by looking at this struggle from different theoretical perspectives that highlight its different dimensions. The course begins with the nineteenth century Indian responses to colonial dominance in the form of reformism and its criticism and continues through various phases up to the events leading to the Partition and Independence. In the process, the course tries to highlight its various conflicts and contradictions by focusing on its different dimensions: communalism, class struggle, caste and gender questions.

#### I. Approaches to the Study of Nationalism in India (8 lectures)

Nationalist, Imperialist, Marxist, and Subaltern Interpretations

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## **II. Reformism and Anti-Reformism in the Nineteenth Century (8 lectures)**

Major Social and Religious Movements in 19th century

### **III. 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

### **IV. Social Movements (8 lectures)**

- a. The Women's Question: Participation in the National Movement and its Impact
- b. The Caste Question: Anti-Brahminical Politics
- c. Peasant, Tribals and Workers Movements

### **V. Partition and Independence (6 lectures)**

- a. Communalism in Indian Politics
- b. The Two-Nation Theory, Negotiations over Partition

## **Reading List**

### **I. Approaches to the Study of Nationalism in India**

Essential Readings:

S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*, New Delhi: Orient Longman, pp. 184-191.

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**

Essential Readings:

S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*, New Delhi: Orient Longman, pp. 139-158, 234-276.

A. 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**

Essential Readings:

S. Bandopadhyay, (2004) *From Plassey to Partition: A History of Modern India*. New

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Delhi: Orient Longman, pp. 279-311.

S. Sarkar, (1983) *Modern India (1885-1947)*, New Delhi: Macmillan,

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**

Essential Readings:

S. Bandopadhyay, (2004) *From Plassey to Partition: A history of Modern India*. New Delhi: Orient Longman, pp. 342-357, 369-381.

G. Shah, (2002) *Social Movements and the State*, New Delhi: Sage, pp. 13-31

#### **V. Partition and Independence**

A. 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 Readings:**

B. Chakrabarty and R. Pandey, (2010) *Modern Indian Political Thought*, New Delhi: Sage Publications.

P. Chatterjee, (1993) *The Nation and its Fragments: Colonial and Postcolonial Histories*, New Delhi: Oxford University Press.

R. Pradhan, (2008) *Raj to Swaraj*, New Delhi: Macmillan (Available in Hindi).

S. Islam, (2006) *Bharat Mein Algaovaad aur Dharm*, New Delhi: Vani Prakashan.

### **GE-4. (A) Indian Economy-2 or Public Finance or Economic History of India (Dept. of Economics) (Only for B.Com. (H) Students)**

#### **Indian Economy-II**

**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.

#### **Unit I: Macroeconomic Policies and Their Impact**

Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.

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## **Unit II: Policies and Performance in Agriculture**

Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and procurement.

## **Unit III: Policies and Performance in Industry**

Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.

## **Unit IV: Trends and Performance in Services**

### **Readings:**

1. Shankar Acharya, 2010, —Macroeconomic Performance and Policies 2000-8, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances and Challenges: Development and Participation*, Oxford University Press.
2. Rakesh Mohan, 2010, —India's Financial Sector and Monetary Policy Reforms, in Shankar Acharya and Rakesh Mohan, editors, *India's Economy: Performances and Challenges: Development and Participation*, Oxford University Press.
3. Pulapre Balakrishnan, Ramesh Golait and Pankaj Kumar, 2008, —Agricultural Growth in India Since 1991, *RBIDEAP Study no. 27*.
6. Kunal Sen, 2010, —Trade, Foreign Direct Investment and Industrial Transformation in India, in Premachandra Athukorala, editor, *The Rise of Asia*, Routledge.
7. A. Ahsan, C. Pages and T. Roy, 2008, —Legislation, Enforcement and Adjudication in Indian Labour Markets: Origins, Consequences and the Way Forward, in D. Mazumdar and S. Sarkar, editors, *Globalization, Labour Markets and Inequality in India*, Routledge.
8. Dipak Mazumdar and Sandeep Sarkar, 2009, —The Employment Problem in India and the Phenomenon of the Missing Middle, *Indian Journal of Labour Economics*.
9. J. Dennis Rajakumar, 2011, —Size and Growth of Private Corporate Sector in Indian Manufacturing, *Economic and Political Weekly*, April.
10. Ramesh Chand, 2010, Understanding the Nature and Causes of Food Inflation, *Economic and Political Weekly*, February.
11. Bishwanath Goldar, 2011, Organised Manufacturing Employment: Continuing the Debate, *Economic and Political Weekly*, April.
12. Kaushik Basu and A. Maertens, eds, 2013. *The New Oxford Companion to Economics in India*, Oxford University Press.

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## Public Finance

**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.

### Unit I: Theory

1. Overview of Fiscal Functions, Tools of Normative Analysis, Pareto Efficiency, Equity and the Social Welfare.
2. Market Failure, Public Good and Externalities.
3. Elementary Theories of Product and Factor Taxation (Excess Burden and Incidence).

### Unit II: Issues from Indian Public Finance

4. Working of Monetary and Fiscal Policies.
5. Current Issues of India's Tax System.
6. Analysis of Budget and Deficits
7. Fiscal Federalism in India
8. State and Local Finances

### Readings

1. Musgrave, R.A. and P.B. Musgrave, *Public Finance in Theory and Practice*, Mc-Graw Hill, 1989.
2. Mahesh Purohit , “*Value Added Tax: Experience of India and Other Countries*”, Gayatri Publications, 2007.
3. Kaushik Basu, and A. Maertens (ed.), *The Oxford Companion to Economics in India*, Oxford University Press, 2007.
4. M.M.Sury, *Government Budgeting in India*, Commonwealth Publishers, 1990.
5. Shankar Acharya, “Thirty years of tax reform” in India, *Economic and Political Weekly*, May 2005.
6. Government of India, *Report of the 13th Finance Commission*.
7. *Economic Survey*, Government of India (latest).
8. State Finances: A Study of Budgets, *Reserve Bank of India* (latest).



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## Economic History of India 1857-1947

**Objective:** This course analyses key aspects of Indian economic development during the second half of British colonial rule. In doing so, it investigates the place of the Indian economy in the wider colonial context, and the mechanisms that linked economic development in India to the compulsions of colonial rule. This course links directly to the course on India's economic development after independence in 1947.

### Unit I: Introduction: Colonial India: Background and Introduction

Overview of colonial economy.

### Unit II: Macro Trends

National Income; population; occupational structure.

### Unit III: Agriculture

Agrarian structure and land relations; agricultural markets and institutions – credit, commerce and technology; trends in performance and productivity; famines.

### Unit IV: Railways and Industry

Railways; the de-industrialisation debate; evolution of entrepreneurial and industrial structure; nature of industrialisation in the interwar period; constraints to industrial breakthrough; labor relations.

### Unit V: Economy and State in the Imperial Context

The imperial priorities and the Indian economy; drain of wealth; international trade, capital flows and the colonial economy – changes and continuities; government and fiscal policy.

### Readings:

1. Lakshmi Subramanian, *“History of India 1707-1857”*, Orient Blackswan, 2010, Chapter 4.
2. Sumit Guha, 1991, 'Mortality decline in early 20th century India', *Indian Economic and Social History Review (IESHR)*, pp 371-74 and 385-87.
3. Tirthankar Roy, *The Economic History of India 1857-1947*, Oxford University Press, 3rd edition, 2011.
4. J. Krishnamurty, *Occupational Structure*, Dharma Kumar (editor), *The Cambridge Economic History of India*, Vol. II, (henceforth referred to as CEHI), 2005, Chapter 6.
5. Irfan Habib, *Indian Economy 1858-1914*, *A People's History of India*, Vol.28, Tulika, 2006.
6. Ira Klein, 1984, —When Rains Fail: Famine relief and mortality in British India, *IESHR* 21.

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7. Jean Dreze, *Famine Prevention in India in Dreze and Sen (eds.) Political Economy of Hunger*, WIDER Studies in Development Economics, 1990, pp.13-35.
  8. John Hurd, *Railways*, CEHI, Chapter 8, pp.737-761.
  9. Rajat Ray (ed.), *Entrepreneurship and Industry in India*, 1994.
  10. AK Bagchi, —Deindustrialization in India in the nineteenth century: Some theoretical implications!, *Journal of Development Studies*, 1976.
  11. MD Morris, *Emergence of an Industrial Labour Force in India*, OUP 1965, Chapter 11, Summary and Conclusions.
  12. K.N. Chaudhuri, *Foreign Trade and Balance of Payments*, CEHI, Chapter 10.
  13. B.R. Tomlison, 1975, *India and the British Empire 1880-1935*, IESHR, Vol.XII.
  14. Dharma Kumar, *The Fiscal System*, CEHI, Chapter 12.
  15. Basudev Chatterjee, *Trade, Tariffs and Empire*, OUP 1992, Epilogue. Background reading for students:  
 Irfan Habib, *Indian Economy 1858-1914* (A People's History of India), Vol.28, Tulika 2006.  
 Daniel Thorner, *Agrarian Prospect in India*, 1977.

**GE-4. (A) Economics of Regulations of Domestic and Foreign Exchange Markets (Dept. of Commerce) (Only for B.A. (H) Economics Students)**

Ref. to DU website, link under  
<http://www.du.ac.in/du/index.php?page=cbbc-syllabus>

**GE-4. (B) Contemporary India: Women and Empowerment (Dept. of English)**

1. Social Construction of Gender (Masculinity and Femininity)  
 Patriarchy
2. History of Women's Movements in India (Pre-independence, post independence)  
 Women, Nationalism, Partition  
 Women and Political Participation
3. Women and Law  
 Women and the Indian Constitution  
 Personal Laws(Customary practices on inheritance and Marriage)  
 (Supplemented by workshop on legal awareness)
4. Women and Environment  
 State interventions, Domestic violence, Female foeticide, sexual harassment  
 Female Voices: *Sultana's Dream*  
 Dalit Discourse: \* Details awaited

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### GE-4. (C) Elements of Analysis (Dept. of Mathematics)

Examination 3 hrs.

Five Lectures per week + Tutorial as per University rules

Max. Marks 100 (including internal assessment)

#### Unit I

Finite and infinite sets examples of countable and uncountable sets. Real line; absolute value bounded sets suprema and infima, statement of order Completeness property of  $\mathbb{R}$ , Archimedean property of  $\mathbb{R}$ , intervals. Real sequences, Convergence, sum and product of convergent sequences, proof of convergence of some simple sequences such as  $(-1)^n/n$ ,  $1/n^2$ ,  $(1+1/n)^n$ ,  $x^n$  with  $|x| < 1$ ,  $a/n$ , where  $a$  is a bounded sequence. Concept of cluster points and statement of Bolzano Weierstrass' theorem. Statement and illustration of Cauchy convergence criterion for sequences. Cauchy's theorem on limits, order preservation and squeeze theorem, monotone sequences and their convergence.

#### Unit II

Definition and a necessary condition for convergence of an infinite series. Cauchy convergence criterion for series, positive term series, geometric series, comparison test, limit comparison test, convergence of p-series, Root test, Ratio test, alternating series, Leibnitz's test. Definition and examples of absolute and conditional convergence.

#### Unit III

Definition of power series: radius of convergence, Cauchy-Hadamard theorem, statement and illustration of term-by-term differentiation and integration of power series. Power series expansions for  $\exp(x)$ ,  $\sin(x)$ ,  $\cos(x)$ ,  $\log(1+x)$  and their properties.

#### REFERENCES:

- [1] R.G. Bartle and D.R. Sherbert: Introduction to Real Analysis, John Wiley and Sons (Asia) Pte. Ltd., 2000.
- [2] C. P. Simon and L. Blume: Mathematics for Economists, W W Norton and Company, 1994. [3] K. Sydsaeter and P.J. Hammod, Mathematics for Economics Analysis, Pearson Education, 2002

### 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 : अंतर्राष्ट्रीय हिंदी सम्मलेन : ज़रूरत और भूमिका, 21वीं सदी में हिंदी की वैश्विक चुनौतियाँ

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## सहायक ग्रंथ

- प्रवासी हिंदी साहित्य – कमल किशोर गोयनका
- मॉरीशस का हिंदी साहित्य – वीर सिंह, जागा सिंह
- मॉरीशस का हिंदी साहित्य – मुनीश्वर चिंतामणि
- सूरीनाम हिंदुस्तानी – 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) Feminism: Theory and Practice (Dept. of History and Political Science)**

**Course Objective:** The aim of the course is to explain contemporary debates on feminism and the history of feminist struggles. The course begins with a discussion on construction of gender and an understanding of complexity of patriarchy and goes on to analyze theoretical debates within feminism. Part II of the paper covers history of feminism in the west, socialist societies and in anti-colonial struggles. Part III focuses a gendered analysis of Indian society, economy and polity with a view to understanding the structures of gender inequalities. And the last section aims to understand the issues with which contemporary Indian women's movements are engaged with.

#### **I. Approaches to understanding Patriarchy (22 Lectures)**

- Feminist theorising of the sex/gender distinction. Biologism versus social constructivism
- Understanding Patriarchy and Feminism
- Liberal, Socialist, Marxist, Radical feminism, New Feminist Schools/Traditions

#### **II. History of Feminism (22 Lectures)**

- Origins of Feminism in the West: France, Britain and United States of America
- Feminism in the Socialist Countries: China, Cuba and erstwhile USSR
- Feminist issues and women's participation in anti-colonial and national liberation movements with special focus on India

#### **III. The Indian Experience (16 Lectures)**

- Traditional Historiography and Feminist critiques. Social Reforms Movement and position of women in India. History of Women's struggle in India
- Family in contemporary India - patrilineal and matrilineal practices. Gender

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Relations in the Family, Patterns of Consumption: Intra Household Divisions, entitlements and bargaining, Property Rights

- Understanding Woman's Work and Labour – Sexual Division of Labour, Productive and Reproductive labour, Visible - invisible work – Unpaid (reproductive and care), Underpaid and Paid work,- Methods of computing women's work, Female headed households

## **Essential Readings**

### **I. Approaches to understanding Patriarchy**

Geetha, V. (2002) *Gender*. Calcutta: Stree.

Geetha, V. (2007) *Patriarchy*. Calcutta: Stree.

Jagger, Alison. (1983) *Feminist Politics and Human Nature*. U.K.: Harvester Press, pp. 25-350.

### **Supplementary Readings:**

Ray, Suranjita. *Understanding Patriarchy*. Available at:

[http://www.du.ac.in/fileadmin/DU/Academics/course\\_material/hrge\\_06.pdf](http://www.du.ac.in/fileadmin/DU/Academics/course_material/hrge_06.pdf)

Lerner, Gerda. (1986) *The Creation of Patriarchy*. New York: Oxford University Press.

### **II. History of Feminism**

Rowbotham, Shiela. (1993) *Women in Movements*. New York and London: Routledge, Section I, pp. 27-74 and 178-218.

Jayawardene, Kumari. (1986) *Feminism and Nationalism in the Third World*. London: Zed Books, pp. 1-24, 71-108, and Conclusion.

Forbes, Geraldine (1998) *Women in Modern India*. Cambridge: Cambridge University Press, pp. 1-150.

### **Supplementary Readings:**

Eisentein, Zillah. (1979) *Capitalist Patriarchy and the Case for Socialist Feminism*. New York: Monthly Review Press, pp. 271-353.

Funk, Nanette & Mueller, Magda. (1993) *Gender, Politics and Post-Communism*. New York and London: Routledge, Introduction and Chapter 28.

Chaudhuri, Maiyatee. (2003) 'Gender in the Making of the Indian Nation State', in Rege, Sharmila. (ed.) *The Sociology of Gender: The Challenge of Feminist Sociological Knowledge*. New Delhi: Sage.

Banarjee, Sikata. (2007) 'Gender and Nationalism: The Masculinisation of Hinduism and Female Political Participation', in Ghadially, Rehana. (ed.) *Urban Women in Contemporary India: A Reader*. New Delhi: Sage.

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### III. Feminist Perspectives on Indian Politics

Roy, Kumkum. (1995) 'Where Women are Worshipped, There Gods Rejoice: The Mirage of the Ancestress of the Hindu Women', in Sarkar, Tanika & Butalia, Urvashi. (eds.) *Women and the Hindu Right*. Delhi: Kali for Women, pp. 10-28.

Chakravarti, Uma. (1988) 'Beyond the Altekarian Paradigm: Towards a New Understanding of Gender Relations in Early Indian History', *Social Scientist*, Volume 16, No. 8.

Banerjee, Nirmala. (1999) 'Analysing Women's work under Patriarchy' in Sangari, Kumkum & Chakravarty, Uma. (eds.) *From Myths to Markets: Essays on Gender*. Delhi: Manohar.

#### **Additional Readings**

Gandhi, Nandita & Shah, Nandita. (1991) *The Issues at Stake – Theory and Practice in Contemporary Women's Movement in India*. Delhi: Zubaan, pp. 7-72.

Shinde, Tarabai (1993) 'Stri-Purush Tulna', in Tharu, Susie & Lalita, K. (eds.) *Women Writing in India, 600 BC to the Present*. Vol. I. New York: Feminist Press.

Desai, Neera & Thakkar, Usha. (2001) *Women in Indian Society*. New Delhi: National Book Trust.

## Committees and Societies for the Academic Year 2016-17

S. No.	Committee/ Post	Name of Teacher
1	<b>Staff Council</b>	
	<b>Chairman (Principal) (Acting)</b>	Dr. R.P.Rustagi
	<b>Secretary</b>	Dr. Naveen Mittal
2	<b>Teacher-in-charge</b>	
	<b>Commerce</b>	Ms. Santosh Sabharwal
	<b>Economics</b>	Mr. Rajiv Jha
	<b>English</b>	Mr. Soumitra Kumar Choudhury
	<b>Mathematics</b>	Dr. J.K.Thukral
	<b>Hindi</b>	Dr. Ravi Sharma
	<b>Political Science</b>	Mr. V.V.Linesh
	<b>Computer Science</b>	Mr. Vikas Madan
	<b>Sports/ Physical Education</b>	Dr. Kuljeet Kaur
3	<b>Admission Committee</b>	
	<b>A Commerce</b>	
	<b>Convenor (TIC)</b>	Ms. Santosh Sabharwal
	<b>Members</b>	Mr. S. K. Aggarwal
		Dr. Ravi Gupta
		Dr. Anil Kumar
		Dr. Suman Bhakri
		Dr. Misha Govil
		Dr. Rachna Jawa
		Dr. Mallika Kumar
		Dr. Santosh Kumar
		Dr. Abhay Jain
		Dr. Pankaj Chaudhary
		Mr. Harendra Nath Tiwari
		Mr. Nawang Gialchhen
		Dr. Monika Bansal
		Ms. Anisha
		Ms. Kinneri Jain
		Dr. Vandana Jain
		Dr. Naveen Mittal
		Ms. Astha Dewan
	<b>B Economics</b>	
	<b>Convenor (TIC)</b>	Mr. Rajiv Jha
	<b>Members</b>	Ms. Anita Mathur
		Dr. A.J.C.Bose

		Mr. Shailesh K. Chawla
		Dr. Priyanka Bhatia
		Dr. Esther N. Ngaihte
		Ms. Renu Bansal
		Mr. Avinash Kumar Jha
		Mr. Rajeev Kumar
	<b>C Sports</b>	
	<b>Convenor</b>	Dr. Kuljeet Kaur
	<b>Members</b>	Dr. J.K.Thukral
		Dr. Suman Bhakri
		Dr. Abhay Jain
4	<b>Time-Table Committee</b>	
	<b>A Commerce</b>	
	<b>Convenor</b>	Mr. S.K.Aggarwal
	<b>Co-Convenor</b>	Dr. Santosh Kumar
	<b>Members</b>	Dr. Suman Bhakri
		Ms. Santosh Sabharwal
	<b>B Economics</b>	
	<b>Convenor</b>	Ms. Priyanka Bhatia
	<b>Members</b>	Mr. Rajiv Jha
		Dr. A.J.C.Bose
		Dr. Rituranjan
		Ms. Renu Bansal
5	<b>Academic Standards Committee</b>	
	<b>A Commerce</b>	
	<b>Convenor (Senior Most Teacher of the Department)</b>	Mr. S.K.Aggarwal
	<b>Members</b>	Dr. Suman Bhakri
		Dr. Surya Prakash
		Ms. Kinneri Jain
		Dr. Vandana Jain
	<b>B Economics</b>	
	<b>Convenor (Senior Most Teacher of the Department)</b>	Ms. Anita Mathur
	<b>Members</b>	Dr. A.J.C.Bose
		Dr. Rituranjan
		Ms. Renu Bansal



6	<b>Academic Supervisory Committee</b>		
	<b>Convenor (Senior Most Teacher of the College)</b>	Mr.	S.K.Aggarwal
	<b>Ex-Officio Members</b>		TIC of all Departments
			Convenor, Semester Examination
			Convenor, Internal Assessment Monitoring Committee
	<b>Members</b>	Dr.	Suman Bhakri
		Dr.	Amrita Singh
		Dr.	Rachna Jawa
7	<b>Student Faculty Committee</b>		
	A <b>Commerce Convenor (TIC)</b>	Ms.	Santosh Sabharwal
	<b>Members</b>	Dr.	Pankaj Chaudhary
		Mr.	Padmeswar Doley
		Mr.	Raj Kumar Sah
			Toppers of B.Com (H) I, II, III and IV Semesters
	B <b>Economics</b>		
	<b>Convenor (TIC)</b>	Mr.	Rajiv Jha
	<b>Members</b>	Dr.	Esther N. Ngaihte
		Mr.	Rajeev Kumar
			Toppers of B.A (H) Eco. I, II, III and IV Semesters
8	<b>Internal Assessment Monitoring Committee</b>		
	<b>Chairman (Principal) (Acting)</b>	Dr.	R.P.Rustagi
	<b>Bursar</b>	Ms.	Smita Sharma
	<b>Secretary, Staff Council</b>	Dr.	Naveen Mittal
	<b>Members</b>	Dr.	Ashok Sehgal
		Ms.	Renu Bansal
9	<b>Internal Assessment Moderation Committee</b>		
	A <b>Commerce</b>		
	<b>Senior-most Teacher in the Department</b>	Mr.	S.K.Aggarwal
	<b>TIC of Current Session</b>	Ms.	Santosh Sabharwal
	<b>TIC of Previous Session</b>	Dr.	Rachna Jawa

	B	<b>Economics</b>		
		<b>Senior-most Teacher in the Department</b>	Ms. Anita Mathur	
		<b>TIC of Current Session</b>	Mr. Rajiv Jha	
		<b>TIC of Previous Session</b>	Mr. Rakesh Ranjan	
10		<b>Library Committee</b>		
		<b>Convenor (Librarian) (officiating)</b>	Mr. Sandeep Nawani	
		<b>Ex-Officio Members</b>	TIC of all Departments	
		<b>Students Representatives</b>	Toppers of B.Com (H) and B.A (H) Eco. I, II, III and IV Semesters)	
11		<b>Computer Committee</b>		
		<b>Convenor</b>	Dr. Abhay Jain	
		<b>Members</b>	Mr. Padmeswar Doley	
			Mr. Nawang Gialchhen	
			Dr. Surya Prakash	
			Mr. Raj Kumar Sah	
			Ms. Monika Bansal	
			Ms. Kinneri Jain	
12		<b>Advisor, Students Union</b>		
		<b>Advisor</b>	Mr. Harendra Nath Tiwari	
13		<b>Students Union Tribunal</b>		
		<b>Convenor (Advisor, Students Union)</b>	Mr. Harendra Nath Tiwari	
		<b>Members</b>	Mr. S.K.Aggarwal	
			Ms. Smita Sharma	
14		<b>College Discipline Committee</b>		
		<b>Convenor (Advisor, Students Union)</b>	Mr. Harendra Nath Tiwari	
		<b>Bursar</b>	Ms. Smita Sharma	
		<b>Warden, Boys Hostel</b>	Mr. Harendra Nath Tiwari	
		<b>Warden, Girls Hostel</b>	Ms. Amanpreet Kaur Mishra	
		<b>Ex-officio Members</b>	TIC of all Departments	
15		<b>Hostel Committee &amp; Discipline Committee for Hostel</b>		
	A	<b>Boys Hostel</b>		
		<b>Convenor (Warden, Boys Hostel)</b>	Mr. Harendra Nath Tiwari	
		<b>Bursar</b>	Ms. Smita Sharma	
		<b>Ex-Warden</b>	Dr. Santosh Kumar	
		<b>Advisor, Students Union</b>	Mr. Harendra Nath Tiwari	
		<b>Member</b>	Ms. Amanpreet Kaur Mishra	

	<b>Hostel Union Representative</b>		Hostel Union Representative
B	<b>Girls Hostel</b>		
	<b>Convenor (Warden, Girls Hostel)</b>	Ms.	Amanpreet Kaur Mishra
	<b>Bursar</b>	Ms.	Smita Sharma
	<b>Advisor, Students Union</b>	Mr.	Harendra Nath Tiwari
	<b>Member</b>	Mr.	Harendra Nath Tiwari
	<b>Hostel Union Representative</b>		Hostel Union Representative
16	<b>Business Analyst Committee</b>		
	<b>Editor</b>	Dr.	Santosh Kumar
	<b>Editorial Board</b>		TIC of all Departments
17	<b>Placement Cell</b>		
	<b>Convenor</b>	Ms.	Smita Sharma
18	<b>P.F.Monitoring Committee</b>		
	<b>Convenor</b>		<b>To be decided by Staff Council</b>
	<b>Bursar</b>	Ms.	Smita Sharma
	<b>Members</b>	Ms.	Aruna Jha
		Mr.	Nawang Gialchhen
		Dr.	Alok Kumar
		Dr.	Naveen Mittal
		Ms.	Astha Dewan
19	<b>Financial Assistance Committee (Fee Concession Committee/ Students Aid Fund Committee/ Need Based Scholarship Committee)</b>		
	<b>Convenor (Bursar)</b>	Ms.	Smita Sharma
	<b>Members</b>	Ms.	Santosh Sabharwal
		Mr.	Avinash Kumar Jha
		Mr.	V.V.Linesh
20	<b>Annual Day Co-ordination Committee</b>		
	<b>Convenor (Senior-most Teacher of the College)</b>	Mr.	S.K.Aggarwal
	<b>Warden, Boys Hostel</b>	Mr.	Harendra Nath Tiwari
	<b>Warden, Girls Hostel</b>	Ms.	Amanpreet Kaur Mishra
	<b>Advisor, Students Union</b>	Mr.	Harendra Nath Tiwari
	<b>President, Staff Association</b>	Dr.	Alok Kumar
	<b>TIC Sports</b>	Dr.	Kuljeet Kaur
21	<b>Annual Day Awards Committee</b>		
	<b>Convenor</b>	Dr.	Deepashree

	<b>Members</b>	Dr.	Suman Bhakri
		Dr.	Abhay Jain
		Mr.	Rajeev Kumar
22	<b>Annual Day Prizes Committee</b>		
	<b>Convenor</b>	Dr.	J.K.Thukral
	<b>Members</b>	Dr.	Rachna Jawa
		Dr.	Santosh Kumar
		Dr.	Vandana Jain
23	<b>College Magazine (Yamuna)</b>		
	<b>Editor-English Section</b>	Mr.	Shailesh K. Chawla
	<b>Editor-Hindi Section</b>	Dr.	Ravi Sharma
24	<b>Faculty Advisors</b>		
	<b>Commerce Society</b>	Dr.	Suman Bhakri
	<b>Economics Society</b>	Mr.	Avinash Kumar Jha
	<b>English Literary Society</b>	Mr.	Soumitra Kumar Choudhury
	<b>Hindhi Sahitya Sabha</b>	Dr.	Ravi Sharma
	<b>History &amp; Political Science Society</b>	Mr.	V.V.Linesh
	<b>Fine Arts Society</b>	Dr.	Vandana Jain
	<b>Debating Society</b>	Dr.	Deepashree
	<b>Dramatics Society</b>	Dr.	Rachna Jawa
	<b>Computer &amp; Mathematics Society</b>	Dr.	Pushp Lata Jain
	<b>Hobby Workshop</b>	Mr.	Shailesh K. Chawla
25	<b>Café Committee</b>		
	<b>Convenor (Bursar)</b>	Ms.	Smita Sharma
	<b>Warden, Boys Hostel</b>	Mr.	Harendra Nath Tiwari
	<b>Warden, Girls Hostel</b>	Ms.	Amanpreet Kaur Mishra
	<b>Members</b>	Ms.	Reena Chadha
		Ms.	Anisha
		Ms.	Astha Dewan
26	<b>College Seminar Committee</b>		
	<b>Convenor</b>	Ms.	Renu Bansal
	<b>Members</b>	Dr.	Esther N. Ngaihte
		Mr.	Avinash Kumar Jha
		Dr.	Surya Prakash Ms.Karuna
27	<b>Student Faculty Exchange Program Committee</b>		
	<b>Convenor</b>	Dr.	Mallika Kumar
	<b>Members</b>	Dr.	Suman Bhakri
		Mr.	Amit Sachdeva
		Ms.	Renu Bansal

		Dr.	Pankaj Chaudhary
		Dr.	Amrita Singh
28	<b>Environment &amp; Cleanliness Committee</b>		
	<b>Convenor</b>	Dr.	Pankaj Chaudhary
	<b>Members</b>	Ms.	Reena Chadha
		Mr.	Tarun Manjhi
		Mr.	Raj Kumar Sah
		Ms.	Karuna
29	<b>Joint Consultative Committee</b>		
	<b>Chairman (Principal) (Acting)</b>	Dr.	R.P.Rustagi
	<b>Convenor (Advisor, Students Union)</b>	Mr.	Harendra Nath Tiwari
	<b>Bursar</b>	Ms.	Smita Sharma
	<b>President, Staff Association</b>	Dr.	Alok Kumar
	<b>Warden, Boys Hostel</b>	Mr.	Harendra Nath Tiwari
	<b>Warden, Girls Hostel</b>	Ms.	Amanpreet Kaur Mishra
	<b>Teacher-in-charge, Sports</b>	Dr.	Kuljeet Kaur
	<b>Librarian (Officiating)</b>	Mr.	Sandeep Nawani
	<b>5 members to be nominated by Staff Council</b>		----
	<b>Other Committees/ Cells</b>		
1	<b>NAAC Committee</b>		
	<b>Principal (Acting)</b>	Dr.	R.P.Rustagi
	<b>Convenor</b>	Dr.	Rachna Jawa
2	<b>Internal Complaints Committee (ICC)</b>	Dr.	Deepashree
3	<b>Women Development Cell (WDC)</b>	Ms.	Monika Bansal
4	<b>"Pahal"-Centre for Innovation, Incubation and Entrepreneurship (CIIE)</b>	Ms.	Priyanka Bhatia
5	<b>"Kutumb"-North-east and Himalayan Nations Integration Society</b>	Ms.	Astha Dewan
6	<b>Nodal Officer for North-Eastern Students</b>	Dr.	Esther N. Ngaihte
7	<b>Archive Committee (Principal) (Acting)</b>	Dr.	R.P.Rustagi
8	<b>Anti Ragging Committee (Advisor, Students Union)</b>	Mr.	Harendra Nath Tiwari

9	<b>Anti Smoking Committee (Programme Officer, NSS)</b>	Dr. Abhay Jain
10	<b>Enabling Unit for Differently-Abled Persons</b>	Dr. Abhay Jain
	<b>Approved and Registered Cells</b>	<b>Under</b>
1	<b>Quiz Society</b>	Economics Society
2	<b>Panache-Western Dance Society</b>	Fine Arts Society
3	<b>Connecting Dreams Foundation - SRCC</b>	Debating Society
4	<b>CLIF - Club for Leadership, Innovation and Finance</b>	Commerce Society
5	<b>Corporate Interaction Cell (CIC)</b>	Placement Cell
6	<b>Click - The Film and Photography Society</b>	Hobby Workshop
7	<b>Human Resource Development Cell</b>	Commerce Society
8	<b>D-Street</b>	Commerce Society
9	<b>Demeanor</b>	Fine Arts Society
10	<b>Finance and Investment Cell</b>	Commerce Society
11	<b>Book Club</b>	
12	<b>Enactus</b>	
13	<b>The Ideation Cell</b>	CIIE
14	<b>Entrepreneurship Development Cell</b>	CIIE
15	<b>Verve - The Choreo Dance Society</b>	Fine Arts Society
16	<b>The Marketing Society</b>	Commerce Society
17	<b>Cognizance</b>	Commerce Society

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## RESEARCH & PUBLICATION OF FACULTY

### A.J.C. BOSE

#### 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*
5. Annavajhula J.C. Bose (1990), "International Subcontracting in Automotive and Electronics Industries: Retrospect and Prospect", *The Indian Economic Journal*, Vol.38, No.2,
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*,
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,

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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 & II, Economic and Political Weekly, August 18
19. 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,
20. -- -- -- (2012), Libertarian Labour Laws: A Thumbnail Discussion, Indian Streams Research Journal, Vol.2, Issue 9, October.
21. -- -- -- (2012), Production Chains: A Difficult Research Agenda, Prabandan: Indian Journal of Management, Vol.5, No.11, November (ISSN: 0975-2854)
22. 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.
23. 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
24. ---- -(2013), Thinking Out Loud on Labour Relations Management in India, Radix International Journal of Economics and Business Management , Vol.2, Issue 2, February
25. ---- -(2013), Supply Chain Work and Employment Relations: An Exploratory Survey, International Journal of Management Research and Review, Vol.3, Issue 2, February (ISSN:
26. 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,
27. 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)
28. -----(2013), "Understanding Choice, Merits and Demerits of Labour Research



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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 Dec 12- 14, 2012 at 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.
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6. The paper on “Microfinance: A Tool of Financial Inclusion” was presented at the National Seminar on “Shifting Gears; Jumpstarting a Slowing Indian Economy”, organized by Delhi College of Arts & Commerce, University of Delhi on Jan 14-15, 2013 at Delhi, India.
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#### **S.K. AGGARWAL**

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4. "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.
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#### **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
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## FIRST SEMESTER

	I 8:30-9:30	II 9:30-10:30	III 10:30-11:30	IV 11:30-12:30	V 12:30-1:30	VI 2:15-3:15	VII 3:15-4:15	VIII 4:15-5:15
MONDAY								
TUESDAY								
WEDNESDAY								
THURSDAY								
FRIDAY								
SATURDAY								
L U N C H B R E A K 1 : 3 0 - 2 : 1 5								

## SECOND SEMESTER

	I 8:30-9:30	II 9:30-10:30	III 10:30-11:30	IV 11:30-12:30	V 12:30-1:30	VI 2:15-3:15	VII 3:15-4:15	VIII 4:15-5:15
MONDAY								
TUESDAY								
WEDNESDAY								
THURSDAY								
FRIDAY								
SATURDAY								
<b>LUNCH BREAK 1 : 3 0 - 2 : 1 5</b>								

Name and Address	Tel. No.

Name and Address	Tel. No.



Name and Address	Tel. No.

Name and Address	Tel. No.

# CALENDAR

July 2016 – June 2017

JULY						
S	M	T	W	T	F	S
<b>31</b>					1 2	
<b>3</b>	4	5	6	7	8	9
<b>10</b>	11	12	13	14	15	16
<b>17</b>	18	19	20	21	22	23
<b>24</b>	25	26	27	28	29	30

AUGUST						
S	M	T	W	T	F	S
	1	2	3	4	5	6
<b>7</b>	8	9	10	11	12	13
<b>14</b>	15	16	17	18	19	20
<b>21</b>	22	23	24	25	26	27
<b>28</b>	29	30	31			

SEPTEMBER						
S	M	T	W	T	F	S
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<b>4</b>	5	6	7	8	9	10
<b>11</b>	12	13	14	15	16	17
<b>18</b>	19	20	21	22	23	24
<b>25</b>	26	27	28	29	30	

OCTOBER						
S	M	T	W	T	F	S
<b>30</b>	31				1	
<b>2</b>	3	4	5	6	7	8
<b>9</b>	10	11	12	13	14	15
<b>16</b>	17	18	19	20	21	22
<b>23</b>	24	25	26	27	28	29

NOVEMBER						
S	M	T	W	T	F	S
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<b>6</b>	7	8	9	10	11	12
<b>13</b>	14	15	16	17	18	19
<b>20</b>	21	22	23	24	25	26
<b>27</b>	28	29	30			

DECEMBER						
S	M	T	W	T	F	S
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<b>11</b>	12	13	14	15	16	17
<b>18</b>	19	20	21	22	23	24
<b>25</b>	26	27	28	29	30	31

JANUARY						
S	M	T	W	T	F	S
<b>1</b>	2	3	4	5	6	7
<b>8</b>	9	10	11	12	13	14
<b>15</b>	16	17	18	19	20	21
<b>22</b>	23	24	25	26	27	28
<b>29</b>	30	31				

FEBRUARY						
S	M	T	W	T	F	S
			1	2	3	4
<b>5</b>	6	7	8	9	10	11
<b>12</b>	13	14	15	16	17	18
<b>19</b>	20	21	22	23	24	25
<b>26</b>	27	28				

MARCH						
S	M	T	W	T	F	S
			1	2	3	4
<b>5</b>	6	7	8	9	10	11
<b>12</b>	13	14	15	16	17	18
<b>19</b>	20	21	22	23	24	25
<b>26</b>	27	28	29	30	31	

APRIL						
S	M	T	W	T	F	S
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<b>16</b>	17	18	19	20	21	22
<b>23</b>	24	25	26	27	28	29

MAY						
S	M	T	W	T	F	S
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<b>7</b>	8	9	10	11	12	13
<b>14</b>	15	16	17	18	19	20
<b>21</b>	22	23	24	25	26	27
<b>28</b>	29	30	31			

JUNE						
S	M	T	W	T	F	S
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<b>4</b>	5	6	7	8	9	10
<b>11</b>	12	13	14	15	16	17
<b>18</b>	19	20	21	22	23	24
<b>25</b>	26	27	28	29	30	



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