

NETAJI SUBHAS UNIVERSITY

Jamshedpur

SYLLABUS FOR POST GRADUATE PROGRAMME

CHOICE BASED CREDIT SYMESTER SYSTEM (CBCS) 2019

M. A. (POLITICAL SCIENCE)

DEPARTMENT OF POLITICAL SCIENCE

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16/1/19
Dr. Anurag Kumar
Dept. of Political Science
Anand College JSP

EXAMINATION FRAMEWORK FOR POST-GRADUATION ARTS

Marks, Weightage and Scheme of Examination

(a) **Mark Weightage of a Course** : Each non-practical/non -project course (FC/CC/EC) SHALL BE OF 100 Marks having two components : 70 Marks shall be assigned to the End Semester University Examination (ESUE), conducted by the University , and 30 marks for Seasonal Internal Assessment (SIA) , conducted by the Department/College. The marks of SIA shall further break into, 20 for Internal Written Examinations, 05 for Written Assignment and 05 for overall performance of a student including regularity in the class room lectures/seminars and other activities of the Department/College. There shall be two written internal examinations, each of 1 hour duration and each of 20 marks, in a semester out of which the best one shall be taken for computation of marks under SIA.

Practical/Project course would also be of 100 marks but there shall be no internal written examinations of the type specified above. The total 100 marks will have two components : 80 marks for the practical ESUE and 20 marks for Viva-voce examination conducted during the ESUE to assess the applied and practical understanding of the student. The written component of the project (Project Report) shall be of 80 marks and 20 marks will be for the Viva-voce examination jointly conducted by an external examiner, appointed by the University, and the internal supervisor/guide.

(b) **ESUE** : End Semester University Examination for ODD semesters (1st & 3rd semesters) will normally be held in the month of December every current academic year and will be of three hours duration. Similarly, the end semester University Examinations for EVEN semesters (2nd & 4th semesters) will normally be conducted in the month of June every current academic year and will be of three hours duration.

There will be a uniform pattern of questions for all the courses and all of the programmes. A total of 11QFT questions will be set in each course for the ESUE in which Question 1 will be Objective Type Question (MCQ/ True/False/ Fill in the blanks etc.) consisting 10 questions of 1 mark each and will be compulsory. Any FOUR questions shall have to be answered by the examinees out of the remaining SEVEN questions carrying 10 marks each.

Netaji Subhas University, Jambhodpur
Curriculum
Master of Arts in Political Science
M.A. [Political Science], Session:2019 Onwards

M.A. Political Science
Course Summary

	No. of Courses
Core Course	12
Compulsory	01
Generic Elective Courses	01
Ability Enhancement	01
Discipline Specific Elective	01
Total	15

Semester Wise Course Summary

	Core Course	Compulsory	General Elective Course	Ability Enhancement	Discipline Elective Course	Total
Sem-I	3	1	-	-	-	4
Sem-II	3	1	1	-	-	5
Sem-III	3	-	-	-	1	4
Sem-IV	2	1	1	-	-	4
TOTAL						15

Netaji Subhas University, Jamshedpur

Curriculum

Master of Arts in Political Science

[M.A. Political Science], Session: 2019 Onwards

Semester-I

S. No.	Subject Code	Subject	Credit			External Marks Details				Total Marks	
			L	T	P	Total	Internal Exam		Practical		
							Internal Exam	Assignments			
1.	FC1	Computer Science	4	1	0	5	70	20	10	0	100
2.	CC1	Indian Political Thought, Gandhi, Ambedkar, Jinnah, and Development of Modern India	5	1	0	6	70	20	10	0	100
3.	CC2	Indian Political Thought Modern Political Theory	5	1	0	6	70	20	10	0	100
4.	CC3	Modern Political Theory	5	1	0	6	70	20	10	0	100
Total			19	4	0	23				0	400

Netaji Subhas University, Jamshedpur
Curriculum
Master of Arts in Political Science
M.A. Political Science, Session: 2019 Onwards

Semester-II

S.No.	Subject Code	Subject	Credit			External Exam	External Marks Details			Total Marks	
			L	T	P		Total	Internal Exam			Practical
								Internal Exam	Assignments		
1.	DCI	Research Methodology	4	1	0	5	70	20	10	0	100
2.	CCF	Indian Government and Politics	3	1	0	6	70	20	10	0	100
3.	CCS	Western Political Thought	3	1	0	6	70	20	10	0	100
4.	CCB	Contemporary Political Issues	3	1	0	6	70	20	10	0	100
Total			19	4	0	23				0	400

Sriji Sathya University, Ambedkar
Curriculum
Master of Arts in Political Science
(M.A. Political Science, Scheme 2019 Onwards)

Semester-III

S. No.	Subject Code	Subject	Credit			Total	External Marks Details				Total Marks
			L	T	P		Internal Exam	Internal Exam / Assignments	Practical		
										External Exam	
1.	CC1	Comparative Politics	1	1	0	2	70	20	10	0	100
2.	CC2	Theories of International Relations	1	1	0	2	70	20	10	0	100
3.	CC3	Theory of Public Administration	1	1	0	2	70	20	10	0	100
4.	DSPTA/ DSPLB/ DSPLC	Domestic Processes in India's Foreign Policy	1	1	0	2	70	20	10	0	100
Total			20	4	0	24				0	400

Natsaji Subhas University, Jamshédpur
Curriculum

Master of Arts in Political Science
[M.A. Political Science], Session: 2019 Onwards

Semester-IV

S. No.	Subject Code	Subject	Credit			Total	External Exam	External Marks Details		Practical	Total Marks
			L	T	P			Internal Exam	Internal Exam		
1.	CC10	Politics of Developing Countries	5	1	0	6	70	20	10	0	100
2.	CC11	State Politics in India	5	1	0	6	70	20	10	0	100
3.	CC12/PC1	Political Ideology	5	1	0	6	70	20	10	0	100
4.		Thesis/ Dissertation	5	1	0	6	70	20	10	0	100
		Total	19	4	0	23				0	400

Course Content of Political Science

M.A. (Political Science)

Semesters	Courses	Credits	Hours/Week	Examination	Full Marks	Pass Marks
I	FC (Compulsory)- FC- 1 Computer Science	4	4(L) + 4(T)	Semester End	70	28
	Core Course- 1 (POLS-1) Indian Political Thought, Genesis, Basis And Development	5	5(L) + 1(T)			
	Core Course- 2 (POLS- 2) Modern Indian Political Thought	5	5(L) + 1(T)	Internal Assessment	30	17
	Core Course- 3 (POLS- 3) Modern Political Theory	5	5(L) + 1(T)	Total	100	45
II	Elective Course(s) (EC- 2)	4	4(L) + 1(T)	Semester End	70	28
	Research Methodology	5	5(L) + 1(T)			
	Core Course- 4 (POLS- 4) Indian Government And Politics	5	5(L) + 1(T)	Internal Assessment	30	17
	Core Course- 5 (POLS- 5) Western Political Thought	5	5(L) + 1(T)	Total	100	45
III	Core Course- 7 (POLS- 7) Comparative Politics	5	5(L) + 1(T)	Semester End	70	28
	Core Course- 8 (POLS- 8) Theories Of International Relation	5	5(L) + 1(T)			
	Core Course- 9 (POLS- 9) Theory Of Public Administration	5	5(L) + 1(T)	Internal Assessment	30	17
	Elective Course- 3 (POLS- 1A) Democratic Process In India Or	5	5(L) + 1(T)			

	(DSE 1B) Bureaucracy OR (DSE 1C) India's Foreign Policy			Total	100	45
IV	Core Course- 10 (POLS-10) Politics of Developing Countries	5	5(C) + 1(T)	Semester End	70	28
	Core Course- 11 (POLS-11) State Politics in India	5	5(C) + 1(T)	Internal Assessment	30	17
	Core Course- 12 (POLS-12/BC 3) Political Ideology	5	5(C) + 1(T)	Total	100	45
	Project	10	10	Project	60	
				Viva	20	
Total		28		Total	100	45

M.A. (Political Science)

Under Choice Based Credit System (CBCS)

Semester I FC I

Computer Science

Course Contents:

Unit I:

Evaluation of Computers- Evolution, Types of computers, Computer system characteristics, Basic components of a digital computer- Control unit, ALU, Input/Output functions and Memory, Memory addressing capability of a CPU, Word length of a computer, processing speed of a computer, computer Classification.

Unit II

Input/Output Units: Keyboard, Mouse, Trackball, Joystick, Digitized tablet, Scanner, Digital Camera, MICR, OCR, OMR, Barcode Reader, Voice Recognition, Light pen, Touch Screen, Monitors and types of monitor – Digital Analog, Size, Resolution, Refresh Rate, Dot Pitch, Video Standard – VGA, SVGA, XGA etc., Printer, Plotter, & types – Daisy Wheel, Dot Matrix, Inkjet, Laser, Line Printer, Plotter/Sound Card and Speakers.

Unit III:

Memory – RAM, ROM, EPROM, PROM and other types of memory, Storage Fundamentals – Primary Vs Secondary Data Storage, various Storage Devices – Magnetic Tape, Magnetic Disk, Cartridge Tape, Hard Disk Drive, Floppy Disk, Minnowater Disk, Optical Disk, CD, VCD, CD-R, CD-RW, Zip Drive, Flash Drive, Video Disk, Blue Ray Disk, EEPROM, Memory cards, Physical structure of floppy & hard disk, drive naming convention in PC.

DVD, DVD-RW, USB Pen drive.

Unit IV:

Software and its types, Types of Software – System Software, Application Software, System Software- Operating System, Utility Program, Algorithms, Flow Charts – Symbols, Rules for writing Flow chart, Programming languages, Assemblers, Compilers and Interpreter, Computer Applications in business.

Unit V:

Introduction to Internet, Connecting to the Internet hardware, Software & IP's, Search Engine, Web Portal, Online Shopping, Email – Types of e-Mail, Compose and send a message, Reply to message, Working with emails.

Text Books

1. Computer Fundamentals – B. Ram – New Age International Publishers.

References Books

1. S. K. Basindra, "Computers Today", Galgotia Publications.
2. Computer Fundamentals – P. K. Sinha – BPP Publication.
3. PC Software – Shree Sai Prakashan, Meerut.

Indian Political Thought, Genesis Basis And Development

Course Content:-

Sl. No.	Topic	Number of Lectures
	Question 1 Will be objective type consisting 10 question of 1 mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Indian Political Thought-Genesis, Development & Nature.	10
2	Manu: Ideas on State, Government, Society And Religion.	10
3	Kautilka: Ideas on State, Government, Society And Religion.	10
4	Raj Ram Mohan Roy: Ideas on State, Government, Society And Religion.	10
5	Dayanand Saraswati: Ideas on State, Government, Society And Religion.	10
6	Vivekanand: Ideas on State, Government, Society And Religion.	10
7	Sir Syad Ahmad Khan: Ideas on State, Government, Society And Religion.	10

Suggested Readings:-

1. Ruch/Tyag (Ed.), "Prachin Evam Madhya Kaleen Bharat Ka Rajnitik Chintan", Delhi University Press, Delhi.
2. Bipin Chandra Sharma, "Indian Political Thought", Anand Publishers, Cochin.
3. Ruch/Tyag (Ed.), "Prachin Evam Madhya Kaleen Bharat Ka Rajnitik Chintan", Delhi University Press, Delhi.
4. V.P. Varma, "Modern Political Thought" Lotus Narayan Agrawal Publication, Agra.
5. A. Appadurai, "Documents of Political Thought in Modern India", Oxford University Press, Bombay.
6. B.R. Nanda, "Gokhale, Gandhi and Nehru: Studies in Indian Nationalism", Allen And Unwin, London.
7. G. P. Gopal, "Bharat Ka Rajnitik Chintan" Manoj Paper Backs, Delhi.
8. M. P. Awasthi, "Bharat Ka Rajnitik Chintan" Lotus Narayan Agrawal Publication, Agra.

Modern Indian Political Thought

Course Content:-

Sl. No.	Topic	Number of lectures
	Question 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Liberalism: Noreoji And Bopal Krishna Gokhale	10
2	Nationalism: Bal Gangadhar Tilak And Arundhati	10
3	Gandhian: Non Violence, Satyagrah State And Religion	10
4	Communism: With Reference to the Ideas of M.K. Das	10
5	Socialism: Political Ideas of J.L. Nehru, Acharya Kripendra Das	10
6	Daik Thinkers: Jotiba Phule And B. R. Ambedkar	10
7	Hindu Nationalism: Pt. Madan Mohan Malaviya	10

Suggested Readings:-

1. Bichitrag (Ed.), "Prachin Van Madhya Kaleen Bharat Kalyan Chintan", Delhi University Press, Delhi.
2. Bichitrag Sharma, "Indian Political Thought", Newstar Publisher, Delhi.
3. Bichitrag (Ed.), "Prachin Van Madhya Kaleen Bharat Kalyan Chintan", Delhi University Press, Delhi.
4. S.K. Verma, "Modern Political Thought", Gyan Mahayan Agrawal Publication, Agri.
5. A. Appadurai, "Documents of Political Thought in Modern India", Oxford University Press, Bombay.
6. K.R. Nayda, "Gokhale, Gandhi and Nehru Studies in Indian Nationalism", Allen and Unwin, London.
7. D. P. Gaba, "Bharatiya Rajniti Chintan" Mayur Nagar Books, Delhi.
8. M. P. Anandhi, "Bharatiya Rajniti Chintan" Janta Mahayan Agrawal Publication, Agri.

Modern Political Theory

Course Content:-

Sl. No.	Topic	Number of Lectures
	Question: 1 will be objective type containing 10 question of 2 mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of seven questions carrying 15 marks each.	
1	Nature and Significance of Political Theory.	10
2	Classical Political Theory: Meaning, Nature, Significance And Limitation.	10
3	Modern Political Theory: Meaning, Nature, Significance And Limitation.	10
4	Behaviorism: Meaning, Nature, Significance And Limitation.	10
5	Post Behaviorism: Meaning, Nature, Significance And Limitation.	10
6	Decline of Political Theory And Revival of Political Theory.	10
7	Recent Trends in Political Theory.	10

Suggested Readings:-

1. H. Bhargava And A. Acharya (Ed.) "Political Theory: An Introduction" Pearson Longman Publication, New Delhi.
2. David Easton, "Theory and Methods in Political Science", Palgrave Mac Millan Publication, New Delhi.
3. O.P. Gaba, "Rajaratnashikhar Ki Rangbhitha", Mayur Paperback Publication, New Delhi.
4. O.P. Gaba, "Jankajin Rajaratnashikhar", Mayur Paperback Publication, New Delhi.
5. Balwan Dutt (Ed.), "Rajaratnashikhar", Dilli University Press, Delhi.
6. Anil Koy Anand Moha Shastriacharya, "Political Theory: Idea And Institutions", Jawahar Publisher Delhi.
7. E. D. Allivetham, "Principle Of Political Theory", S Chand Delhi.
8. Sujata Ramaswami, "Political Theory", PHI Publication, New Delhi.
9. Dr. S.P. Verma, "Aashirwad Rajaratnashikhar", Vash Publication New Delhi.
10. Dr. Ashwini Kumar, "Rajaratnashikhar", S. Chand Publication New Delhi.
11. Gyan Singh Sandhu (Ed.), "Rajaratnashikhar" Delhi University Press, Delhi.

Semester II (EC)

Research Methodology

Course Content:

Objectives: The objective of this subject is to acquaint and enhance the knowledge of Research, and also to provide insights as to how research is conducted.

Unit No.	Topics	No. of Lectures
1	Introduction to Research: Meaning, Characteristics, Objectives and Importance of research, Motivation and objectives: Research methods or Methodology: Types and Method of research – Descriptive vs. Analytical, Applied vs. Fundamental, Quantitative vs. Qualitative, Conceptual vs. Empirical.	6
2	Research Formulation: Defining and formulating the research problem – Selecting the problem – Necessity of defining the problem – Importance of literature review in defining a problem – Literature review – Primary and Secondary Sources – (reviews, treatises, monograph- patents – web as a source – searching the web – Critical literature review – Identifying gap areas from literature review – Development of Working Hypothesis.	8
3	Research Design: Context and Importance in Research – Features of a good research design – Exploratory Research Design – concept, types and uses. Experimental Design: Concept of Independent & Dependent variables.	8
4	Data Collection and Analysis: execution of the research – Observation and Collection of Data – Method of data collection – Sampling Method – Data Processing and Analysis strategies – Data Analysis with Statistical Packages – Hypothesis Testing – Generalization and Interpretation.	8
5	Research Report: Types of research reports – Brief reports and Detailed reports: Report Writing: Structure of research report – Preliminary section, Main report, Interpretation of Results and suggested Recommendations, Report Writing: Formulation used for writing the report. Guidelines for presenting tabular data, Guidelines for visual representation, Illustrations and tables – Bibliography, referencing and footnotes.	10

References:

1. Garg, S. C., Karalia, R., Agrawal, F. and Agrawal, V.S., 2007, An Introduction to Research Methodology, RBSA Publishers.
2. Cochran, C. G. 1980, Research Methodology: Method and Techniques, New Age International.

3. Sinha, S. C. and Dhiman, A. K. 2002, *Research Methodology*. EssEss Publications, 2 Volumes:
4. Trochim, W. M. K., 2005, *Research Methods: the concise knowledge base*, Atomic D. Publication:
5. Donald Cooper & Pamela Schindler, *Business Research Methods – TMGH*, 9th Edition.
6. Alan Bryman & Emma Bell, *Business Research Methods – Oxford University Press*.
7. Pani, Prabhat Kumar, 2015, *Research Methodology: Principles and Practices*, S. K. Book Agency, New Delhi.
8. Pani, Prabhat Kumar, 2015, *Statistical applications in Social Science Research*, Avon Publications, New Dehli.

Sl. No.	Topic	Number of Lectures
	Question: 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any four questions shall have to be answered by the examinees out of them questions carrying 15 marks each.	
1	Constituent Assembly: Its Composition And Working.	08
2	Ideological Contents, Socio-Economic and Philosophical Base of Indian Constitution And Preamble.	08
3	Fundamental Rights and Directive Principles of State Policy.	12
4	Constitution as an Instrument of Social Change And Constitution Amendment Process.	16
5	Union Government: President, Prime Minister And Parliament.	12
6	State Government: Executive, Local Bodies And State Legislature.	10
7	Supreme Court, High Court And National Judiciary.	08

Suggested Readings -

1. B. N. Chaudhary (Editor) Kumar, "Bharat mein Samvahanik Samraajya Ka Itihas", Delhi University Press, Delhi.
2. Subhash Kashyap, "Samvahanik Samraajya Ka Itihas", Delhi University Press, Delhi.
3. Subhash Kashyap, "Bharat ka Samvahanik Samraajya Ka Itihas", Delhi University Press, Delhi.
4. A. P. Agrawal, "Indian Government And Politics", Laxmi Narayan Agrawal, Agra.
5. S. C. Singh, "Bharat mein Samvahanik Samraajya", Laxmi Narayan Agrawal, Agra.
6. B. L. Mehta, "Bharat mein Samvahanik Samraajya Ka Itihas", Agra.
7. A. R. Khan, "The Constitution Of India", Access Publishing Delhi.
8. A. S. Narang, "Indian Political System, Process And Development", Central Publishing House, Delhi.
9. M. V. Purohit, "An Introduction To The Constitution Of India", Indian Publisher, Delhi.
10. Prakash Chander, "Indian Government And Politics", Indian publisher, Delhi.
11. Mahendra P. Singh (Editor) et al., "Samvahanik Samraajya Ka Itihas", Delhi.
12. Vikas, Delhi University Publication, Delhi.
13. Pukhraj Jain, "Bharat mein Samvahanik Samraajya Ka Itihas", Laxmi Narayan, Agra.

Sl. No.	Topic	Number of Lectures
	Question 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of Seven questions carrying 25 marks each.	
1	Plato: Ideas on State, Justice, Education, Communism And Philosopher King.	10
2	Aristotle: Aristotle's Conception of Man, The Idea of The Good, State & Ideal State, Citizenship, Constitution And Slavery.	10
3	Machiavelli: As Modern Thinker, A Ideas On Humanism, Power And Virtue And Statecraft.	10
4	Hobbes: Human Nature, Nature of the State Social Contract, State Sovereignty.	10
5	Kant: Kant's Moral Thinking, Conception of Politics, War And Peace And Enlightenment.	10
6	Hegel: Hegel on Morality And Ethical Life, Hegel on Family, Civil Society And State, On Dialectic And State.	10
7	Marx: On Alienation, Dialectical Materialism, Class Struggle, Communism, Class Civil Society and the State.	10

Suggested Readings:

1. Subrata Mukherjee & Subir Kumar Das, "A History Of Political Thought Plato to Marx", Jawahar Publisher Delhi.
2. Prasad Rao and Brij Grewal, "Political Thought Plato to Marx", Jawahar Publisher Delhi.
3. J. C. Johnson, "Political Thought Modern, Recent and Contemporary", Jawahar Publisher Delhi.
4. Jyoti Narayan, "Pratimata, Samikshank", Sri Lalit Prakash Company, Agra.
5. Michel Foucault, "Rajatika, Udanika, Adhar", Delhi University Press, Delhi.
6. Subrata Mukherjee and Subir Kumar Das, "Political Thought Ancient to Modern", Delhi University Press, Delhi.

Sl. No.	Topic	Number of Lectures
	Question 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Factors Leading To Cold War, Now Cold War And End of Cold War.	10
2	Globalization.	10
3	Environmental Issues.	10
4	Human Rights.	10
5	Terrorism.	10
6	Impact of Liberalization Process on The Functions of the State.	10
7	Developmental Issues.	10

Suggested Readings:-

1. B. L. Phariya, "Sankalpana Jit Madhe", Sahitya Akademi, Agra.
2. S. C. Singhal, "Sankalpana Jit Madhe", Laxmi Narayan Agrawal, Agra.
3. S. C. Singhal, "Rajiniki Vichar Charan", Laxmi Narayan Agrawal, Agra.
4. Ram Chandra Gupt, "Madhura Rajiniki Vichar Charan", MacMillan Delhi.
5. C. L. Weyper, "Teach Yourself Political Thought", Jawahar Publisher, Delhi.
6. Roger Katwell & Wright, "Book On Contemporary Political Ideology", Rawat Publication, Delhi.

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Sl. No./	Topic	Number of Lectures :
	Question 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Comparative Politics: Definition, Nature And Approach to Study of Comparative Politics- Structural-functional And Political Economy Approach.	10
2	Political Culture: Meaning, Nature And Typology; Political Socialization: Meaning, Nature And Agents of Political Socialization.	10
3	Nature, Function And Role of State: Liberal And Totalitarian.	10
4	Constitution And Constitutionalism: Liberal Democratic System And Totalitarian System.	10
5	Political Parties: Liberal Democratic System And Totalitarian System.	10
6	Pressure Groups: Liberal Democratic System And Totalitarian System.	10
7	Political Development: Definition And Characteristics; Lucian Pye Concept of Political Development.	10

Suggested Readings:-

1. D. P. Gaba, "TulanatmakRajani ki Raaj-Neta", Major Paper Books, New Delhi.
2. J.C. Johari, "TulanatmakRajani", S. Chand Publication, New Delhi.
3. P. D. Sharma, "TulanatmakRajani ki Raaj-Neta".
4. J.D. Nagle, "Introduction to Comparative Politics: Political System Performance in Three Worlds", Nelson Hall Chicago.
5. A. S. Bell And B. Guy Peters, "Modern Politics And Government", Macmillan, London.
6. J.C. Johari, "Comparative Political Theory: New Dimensions, Basic Concept and Main Trends", Sterling Publication, New Delhi.
7. Asha Gupta, "TulanatmakRajani Aur Rajni ki Samasya aur Prasthiti", Delhi University Press, Delhi.
8. V. K. Khanna, "Comparative Study of Government and Politics", Jaishar Publisher, New Delhi.
9. Tapanvirsal(Ed.), "TulanatmakRajani ki Samasya aur Prasthiti", Orient-Blackswan, Hyderabad.

India's Foreign Policy

Course Content:-

Sl. No.	Topic	Number of Lectures
	Question: 1 will be objective type consisting 10 question of 1 mark each and will be compulsory. Any four questions shall have to be answered by the examinees out of seven questions carrying 35 marks each.	
1	Foreign Policy: Major approach To study of Foreign Policy.	08
2	Principles and Objectives of India's Foreign Policy.	08
3	Domestic Determinants: Geography, History, Culture Society and Political System.	08
4	Structure of Foreign Policy: Decision Making, Continuity and Change in India's Foreign Policy.	12
5	India's Foreign Policy in Comparative Perspective.	12
6	India's Approach To Major Global Issues: Globalization, Environment, Environmental Issues, Human Rights And Terrorism.	12
7	India And UNO.	10

Suggested Readings:-

1. K. P. Das, "Badaitantrika Mein Bharat Ki Vaideshika", Delhi University Press, Delhi.
2. J. N. Dasgupta, "Bharatgauravdashika", PradipPrakashan, Delhi.
3. H. D. Kishore, "Acta-astriyadambandh", RajyaPrakashan, Delhi.
4. Prasad, "Foreign Policy of India", Cosmos Bookstore, Delhi.
5. SunilGanguli, "India's Foreign Policy: An Aspects And Prospect", Sankar Publisher, Delhi.
6. Nivaranjandhanty, "Foreign Policy of India in 21st Century", New Century Publications, Delhi.
7. Nivaranjandhanty, "Indian Foreign Policy", Sankar Publisher, Delhi.
8. Javed Akmal & Durga Niam, "WTO, India And Regionism In The World", Newstar Publisher, Delhi.
9. Anandprasad, "Bharatgauravdashika Mein Bharat", Anand Publication, Delhi.
10. B. P. Gantam, "India's Foreign Policy", Mayur Book Store, Delhi.

Politics of Developing Countries

Course Content:-

Sl. No.	Topic	Number of Lectures
	Question 1 will be objective type consisting 10 questions of 5 mark each and will be compulsory. Any four questions shall have to be answered by the examinees out of seven questions carrying 25 marks each	
1	Colonialism: Meaning, Growth, Type And New Colonialism.	10
2	Nature of anti-Colonial Struggle.	10
3	Post-Colonial State.	10
4	Political Leadership.	10
5	Political Institutions.	10
6	Constitutionalism.	10
7	Waves of Democratic Expansion And Recent Trends.	10

Suggested Readings:-

1. Sanyal A. Roy (Ed.) "Basic Multi Objective Development", Calcutta University Press, Delhi.
2. Almond And Lickor, "Politics of Developing Areas".
3. B. Smith, "Understanding Third World Politics", Macmillan London.
4. M. Miller, "The Third World In Global Environmental Pattern", Chicago University Press.

State Politics in India:

Course Content:-

Sl. No.	Topic	Number of Lectures
	Question 1 will be objective type consisting 10 question of 1-mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Theoretical Frame Work To The Study Of State Policy In India.	10
2	Pattern of State Politics.	10
3	Socio-Economic Determinant of State Politics.	10
4	Emerging Trends in Centre-State Relationship.	10
5	Regional Political Parties And Its Usage with National Parties In The federal set-up.	10
6	Impact of national Politics on State Politics.	10
7	Panchayati-Raj System And Its Impact on State Politics.	10

Suggested Readings:-

1. P. Chatterjee, "State And Politics in India", Oxford University Press.
2. Praveen Kumar Jha, "Indian Politics in Comparative Perspective", Pearson Publication, Delhi.
3. B. L. Pharia, "Rajyon Ki Rajyon", Janshiksha, Agri.
4. G. D. Baryam, "Gandhian Darshan aur Rajyot ki Shiksha", Ojas Publication House, Delhi.
5. Iqbal Noreen, "State Politics in India"
6. S. P. Sinha, "States in Political System"

M.A. (Political Science)

Under Choice Based Credit System (CBCS)

Semester NPOLS-12/EC3

Political Ideology

Course Contents:-

Sl. No.	Topic	Number of Lectures
	Question 1 will be objective type consisting 20 question of 1 mark each and will be compulsory. Any Four questions shall have to be answered by the examinees out of Seven questions carrying 15 marks each.	
1	Liberalism.	10
2	Marxism.	10
3	Libertarianism.	10
4	Feminism	10
5	Fascism And Nazism	10
6	Environmentalism.	10
7.	Conservatism.	10

Suggested Readings:-

1. B.L. Mahajan, "Samajik Rachna Ka Mudra", Siddhant Prakashan, Agra.
2. S.C. Singhal, "Samajik Rachna Ka Mudra", Lotus Narayan Prakash, Agra.
3. S.C. Singhal, "Rajni Ka Vichar Chakra", Lotus Narayan Prakash, Agra.
4. Ben Chaudra Gupt, "Arthshastra Ka Mudra", Mansikarnika, Delhi.
5. E.L. Wright, "From Max Weber to Modern Political Thought", Jaico Publication, Delhi.
6. Roger Eatwell & Wright, "Book On Contemporary Political Ideology", New Publication, Delhi.

M.A. (Political Science)

Under Choice Based Credit System (CBCS)

Semester IV

Project Work

Course Content:-

The Project work has to be completed by every student on the topic based on optional paper with the consultation of the guide/ supervisor.

This paper has 100 Marks of 5 credits. The evaluation of project work is done on the basis of external examination.

Dr. G. S. Patil
11/10/15
Rajawade Sanshodhan Mandal
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Rajawade Sanshodhan Mandal



CHOICE BASED CREDIT SYSTEM

P.G. MELLARUS

Post Graduate Programme in Geography

Netaji Subhas University, Palghat, Jambhedpur

Effective from Academic Session 2019 onwards

M.A. Geography Course Summary

	<u>No. of Courses</u>
Core Course	12
Elective course	60
Project & Internship	01
Total	73
Non Graded Course	01

Semester-wise Course Structure and Module Composition

Semester	Paper	No. of Module	Credit	Mark	Total Mark
Semester-I	Theory	3	12	100	400
	Practical	1	4	100	
Semester-II	Theory	3	12	100	400
	Practical	1	4	100	
Semester-III	Theory	3	12	100	400
	Practical	1	4	100	
Semester-IV	Theory	3	12	100	400
	Practical	1	4	100	
Total	Theory	12	48	1100	1600
	Practical	4	16	400	

List of Core Papers

SEM	CORE PAPER CODE	NAME OF THE CORE PAPERS
I	CC-21	GEOGRAPHY
	CC-22	ECONOMIC GEOGRAPHY
	CC-23	REGIONAL GEOGRAPHY OF INDIA
	CC-24	REMOTE SENSING AND GIS
II	CC-31	CONCEPTUAL DEVELOPMENT IN GEOGRAPHY
	CC-32	RESEARCH METHODOLOGY AND SURVEY TECHNIQUES
	CC-33	GEOGRAPHY OF SETTLEMENTS
	CC-34	REGIONAL GEOGRAPHY OF JHARKHAND
III	CC-41	ENVIRONMENTAL GEOGRAPHY
	CC-42	OCEANOGRAPHY
	CC-43	HYDROLOGY AND WATER RESOURCES MANAGEMENT
	CC-44	STATISTICAL METHODS IN GEOGRAPHY
IV	CC-45	NATURAL RESOURCES & DEVELOPMENT MANAGEMENT
	CC-46	DISSERTATION

List of Elective Papers:

Sem	Code	Groups	Papers
IV	EC 401	A	TROPICAL METEOROLOGY AND CLIMATOLOGY
	EC 400		CLIMATE CHANGE AND ITS IMPACTS
	EC 402	B	GIS AND ITS APPLICATION
	EC 403		AERIAL PHOTOGRAPHY, REMOTE SENSING, GPS AND GIS

Course Outcomes for each paper in the successive Semesters of M.A. Geography

Sem	Paper	Course Outcomes
I	CC-101 GEO/OBS/PHOLOGY	After the completion of course the students will have ability to: 1) Understand the functioning of Earth system to read and land surface from the current and anthropogenic spatial form effects the development of landform. 2) Understand various the techniques for remote sensing satellite. 3) Assess the role of remote sensing and use in mapping the landform, interpret geomorphological maps and apply the knowledge of geographical research.
	CC-102 ECONOMIC GEOGRAPHY	After the completion of course the students will have ability to: 1) Acquainted with various theories of economic geography. 2) Understand primary geography, agricultural geography, industrial geography and urban geography.
	CC-103 REGIONAL GEOGRAPHY OF INDIA	After the completion of course, the students will have ability to: 1) Understand the physical profile of the country. 2) Study the resource endowment and its spatial distribution and utilization for sustainable development. 3) Synthesize and develop the idea of regional development.
	CC-104 REMOTE SENSING AND GIS	After successful completion of this course the students will have ability to: 1) To learn the basics of remote sensing and GIS. 2) To apply the basic concepts and practice of the course for their interest.
II	CC-201 CONCEPTUAL DEVELOPMENT IN GEOGRAPHY	After successful completion of the course the students will: 1) Get an overview of the development of geography during different eras and their own approach. The theoretical development in all the branches of the subject. 2) Get an opportunity to learn all the

			<p>regional conditions of population, the important causes of economic growth and industrial development, and the changes of these and scope of the subject.</p> <p>2) Be able to understand a broader perspective of the nature and direction of the subject.</p>
	CC-103	RESEARCH METHODOLOGY AND SURVEY TECHNIQUES	<p>After successful completion of the course the students will</p> <ol style="list-style-type: none"> 1) Be able to understand basic concepts of field research methods and research design in geography. 2) Be able to do field work through practical exposure and get skills of data collection methods and processing and analysis of obtained data. 3) Be able to write dissertation based on field work in given topic.
	CC-104	GEOGRAPHY OF SETTLEMENTS	<p>After successful completion of the course the students will</p> <ol style="list-style-type: none"> 1) Be able to acquire with the spatial and regional characteristics of human settlement system under varied environmental conditions. 2) Be able to distinguish the morphological, structural and functional characteristics between rural and urban settlements from an aerial and remote perspective.
	CC-104	REGIONAL GEOGRAPHY OF JHARKHAND	<p>After successful completion of the course the students will</p> <ol style="list-style-type: none"> 1) Understand the location of the physiography, drainage, climate and agricultural systems of Jharkhand. 2) Know the industrial and mineral availability in Jharkhand with knowing the mineral regional strategy. 3) Understand with awareness the forest hazards and vulnerability of Jharkhand against the multi-hazards (Case/Case studies). 4) Understand the geography and spatial distribution of various tribes in Jharkhand.
III	CC-104	ENVIRONMENTAL GEOGRAPHY	<p>After the completion of course, the students will have ability to</p> <ol style="list-style-type: none"> 1) Understand the dynamic interactive relationship between man and environment. 2) Be a good understanding on

			<p>integrated, scientific and proper management of natural resources at global level</p> <ol style="list-style-type: none"> 1) Make assessment and system of planning and policies related to environmental and natural resources. 2) Understand the fundamental concepts of coupled human-environmental system.
	CC-303	OCEANOGRAPHY	<p>After the completion of course the students will have ability to:</p> <ol style="list-style-type: none"> 1) Understand the ocean process and structure of resources 2) Understand the evolution of various oceanic topography and features. 3) Describe ocean process related to ocean resources and effects on life.
	CC-305	HYDROLOGY AND WATER RESOURCES MANAGEMENT	<p>After the completion of course the students will have ability to:</p> <ol style="list-style-type: none"> 1) Apply the water balance equation to various hydrological problems in time and space. 2) Describe how components of the water cycle are influenced by human activity. 3) Analyze hydrological data in order to estimate water resource availability in the river.
	CC-304	STATISTICAL METHODS IN GEOGRAPHY	<p>After the completion of course the students will have ability to:</p> <ol style="list-style-type: none"> 1) Understand the basics of data collection and processing for the meaningful outcome. 2) Comprehend data presentation and interpretation of the results. 3) Put any practice results obtained in Regression as well as Correlation.
IV	CC-401	NATURAL HAZARD & DISASTER MANAGEMENT	<p>After the completion of course, the students will have ability to:</p> <ol style="list-style-type: none"> 1) Understand processes and impact of disaster. 2) Understand both the natural and man-made disaster and human negligence in context of Environment. 3) Gain a perspective of disaster and various dimensions of disaster mitigation. 4) Have comprehensive knowledge of various natural and man-made

				<p>Delivery to date</p> <p>5) Examine the regional and sub-regional patterns of demand.</p>
EC-400	Two papers of the special group to be selected from the following	Group A	<p>TROPICAL METEOROLOGY AND CLIMATOLOGY</p>	<p>After the completion of course the student will have ability to:</p> <ol style="list-style-type: none"> 1) Differentiate the systems of weather and climate and its impact at different scale. 2) Compare the climate aspect and its bearing on plant life.
EC-401			<p>CLIMATE CHANGE AND ITS IMPACTS</p>	<p>After the completion of course the student will have ability to:</p> <ol style="list-style-type: none"> 1) Distinguish between the elements of weather and climate with discussing their aspects at different scale. 2) Able to justify the relationship between atmospheric pressure and various type of wind across various scale. <p>Able to design diverse methods of collecting the hydrological information, which is essential to collected surface and groundwater hydrology.</p> <ol style="list-style-type: none"> 1) Able to relate the knowledge about the workings of the atmosphere and the consequences related to the climate system. 2) Develop and describe weather systems including concepts and their critical role in predicting global and regional weather and climate patterns. 3) Analyze about the atmospheric conditions and the impact on the industry in different part of the world.
EC-402		Group B	<p>GIS AND ITS APPLICATION</p>	<p>After the completion of course, the student will have ability to</p> <ul style="list-style-type: none"> - Differentiate various components and principles of GIS. - Compare the climatic maps using different digital layers. - Have comprehensive understand of GIS for the construction of maps and their use for the Development planning.

<p>EC-418</p>		<p>AERIAL PHOTOGRAPHS, REMOTE SENSING, GIS AND GPS</p>	<p>At the completion of course the student will have ability to:</p> <ol style="list-style-type: none"> 1) Explain the strength and application of remote sensing 2) Map the resources, their location and evaluation 3) Display the skill to use the digital satellite data using software 4) Prepare the maps based with satellite data to compare with the ground reality. 5) Classify digital data for the land use/land cover and other studies. 6) Apply GIS in various geographical studies.
<p>CC-418</p>	<p>DISSERTATION</p>		<p>At the completion of course, the student will have ability to:</p> <ol style="list-style-type: none"> 1) While preparing their dissertation student will be advised regularly by the Doctor and will be selecting their collected data and maps. 2) The dissertation will show a student's knowledge in research methodology and application.

M.A. Geography Semester I

(400 Marks, 2 Credits)

GEOLOGY (150 Marks, 5 Credits)

Core Papers: GE-101

Course Contents:

Unit-I: Features and concepts of geomorphology: Fundamentals concepts – Denudation structures and

Landforms: uniformitarianism, multistage and polygenetic evolution of landscapes, concept of threshold. Environmental change – climate change and geomorphological methods- documentary evidence.

Unit-II: Earth movements - epigenetic, orogenic and convergent earth movements. Forces of crustal instability: isostasy, plate tectonics, seismicity, volcanism; orogenic structures with reference to the evolution of the Himalaya.

Unit-III : Exogenic Processes: Concept of gradation; Agents and processes of gradation; causes, types and classification of weathering; mass movement: erosional and depositional processes and resultant land forms and soil formation; Denudation, denudation, parallel retreat and slope replacement models.

Unit-IV: Geomorphic processes: dynamics of fluvial, glacial, Aeolian, marine, and karst processes and resulting landforms; complexity in geomorphological processes; Drones, satellite – techniques of identification and prediction.

Unit-V: Applied geomorphology – application of geomorphology in agriculture and urban

Digital Elevation Model (DEM) and triangulated irregular network (TIN) based capabilities and land suitability classification, hydro-geomorphology, urban geomorphology, environmental geomorphology, geomorphic hazards.

Suggested Readings:

1. Chorley R.J. Spatial Analysis in Geomorphology, Methuen London 1972.
2. Cooke R.U and Doornikamp J.C. Geomorphology & Environmental Geology – A. Introduction, Clarendon Press, Oxford, 1974.
3. Sully D.H. The Physical Earth, Pergamon Press Oxford 1969.
4. Fairbridge R.W. Encyclopedia of Geomorphology, Reinhold, New York, 1968.
5. Oldfield, A. The Nature of the Environment, Oxford and Black, Oxford, London, 1991.
6. Garner H.F. The Origin of Landscapes – A Criticism of Geomorphology, Oxford University Press, London, 1954.
7. Hinde S.C.W. Terrain Evaluation, Longman London, 1972.
8. Oliver C.D. Weathering, Longman, London, 1978.
9. Firth A.F. Introduction to Geomorphology, Methuen, London, 1972.
10. Shubert D.R. (ed.) Processes and Forms, Geomorphology, Academic Press, New York, 1986.
11. Brunner B.U. and Forté J.C. The Dynamic Earth, Wiley, New York, 1988.
12. Sparks E.H. Geomorphology, Longman, London, 1960.
13. Sharma R.C. (ed.) Perspectives in Geomorphology: Concept, New Delhi, 1980.
14. Singh, S. Geomorphology, Prasad Publications, Allahabad, 1978.
15. Tobin, W.J. H.C.P. Principles of Geomorphology, John Wiley, New York, 1960.

ECONOMIC GEOGRAPHY (100 Marks Scheme)

Core Papers-EC-102

Course Contents

Unit-I: Scope, content and recent trends in economic geography; relation of economic geography with other social and natural sciences; Location theory; activities and spatial organization of economic. Classification of economic sectors of economy (primary, secondary and tertiary).

Unit-II: Factors of location of economic activities; physical, social, economic and cultural. Concept and techniques of delimitation of agricultural regions; crop production and diversification; Von Thunen's model and its modifications.

Unit-III : Classification of industries; Resource based and footcandle industries; Theories of industrial location; Weber, Losch and Isard. Case studies of selected industries Iron and Steel, Aluminium, Chemical, Oil refining and Petrochemical, Engineering, Textile etc.

Unit - IV : Modes of transportation and transport cost, accessibility and connectivity; International, inter and intraregional, comparative cost advantages; Typology of markets; market network in rural societies; market system in urban economy; role of market in the development of trade and commerce.

Unit V: Economic development of India; Regional disparities; Impact of green revolution on Indian economy; Socialisation and Indian economy and its impact on environment.

Suggested Readings

1. Barry C. Geography of Market Centres and Lines of Commerce, Prentice Hall, New York, 1967.
2. Chatterjee, J. P. Economic Geography, Datta Allied Book Agency, Calcutta, 1964.
3. Chorley, R. J. and Haggett, F. (ed.) Human and Economic Geography, Arnold, 1967.
4. Ghose, J. and Sen, A. India: Economic Development and Social Opportunities, Oxford University Press, New Delhi, 1994.
5. Richardson, R. (ed.) Markets, the State and the Environment, Pion Ltd, London, 1976.
6. Galster, B. (ed.) and Wood, J. Geography of Marketing, Longman, London, 1978.
7. Hamilton, J. E. Spatial Perspectives in Industrial Organization and Economic Planning, John Wiley, New York, 1974.
8. Hamilton, J. (ed.) Resources and Industry, Oxford University Press, New York, 1982.
9. Hillier, D. Transport Geography, Concepts and Readings, McGraw-Hill, New York, 1974.
10. Hoggan, W. and Ormston, R. J. C. Agricultural Geography, Methuen, London, 1977.
11. Puri, R. K. Energy and Economic Development in India, Praeger, New York, 1977.
12. Roberts, D. (ed.) Globalization and Environment, E. Elgar Co., U.K., 2000.
13. Rosen, W. W. The Stages of Economic Growth, Cambridge University Press, London, 1960.
14. Singh, A. and Datta, S. C. Agricultural Geography, Madras, SRI Loka, New Delhi, 1954.
15. Tyminski, L. Agricultural Geography, East Asia Ltd, London, 1977.
16. Wheeler, J. O. et al. Economic Geography, John Wiley, New York, 1965.

REGIONAL GEOGRAPHY OF INDIA (100 Marks – 5 Credits)
Core Papers CC-103

Course Contents:

Unit-I: Basis of regionalization: geo-political, climatic, agro-climatic, physiographic, historical, demographic, socio-economic dimensions of regionalization. Case studies.

Unit-II: Macro-Regions: Genesis and changing profile, Indian federation: a synopsis. The natural and human resources and resource utilization. Population-development-environment interface. Policies and Programmes.

Unit-III: Meso-Regions: bases of regionalization, physical and human resources, economic and inter-linkages, population-development-environment interface. Policies & Programmes.

Unit-IV: Micro- Regions: bases of regionalization, physical, human and economic resources, formal and functional linkages. Population-development, environment, socio-political and programmes.

Unit-V: Case studies: (Max. 20 marks) (regional studies) (max. 10 marks) (field studies)

1. Natural/Physical: (Madhya Pradesh, Dehra Doab, peninsular Coastal India)
2. Political: New States of India (Chattisgarh, Orissa, Jharkhand, Chhattisgarh, Orissa, Jharkhand)
3. Urban/Metropolitan Regions: Delhi, Metropolitan Region, Coastal Metropolitan Region, Tier-II Metropolitan Region, etc.
4. Cultural Region: South Indian States, etc.

Note: These regions are only by way of a few examples. The regions may be selected on the basis of the expertise available with the Department. The study should relate to natural and human resources, their mobility and mobility, inter-regional relations, development problems and prospects, process and programmes.

Note - V: Regions and regional development. Environmental issues in regional development and planning.

Suggested Readings:

1. Centre for Science and Environment, (1992) *Environment & Environment*, New Delhi.
2. Debi and C. Dindia *A Regional Cooperation* (CER) New Delhi: Sage Centre 1981.
3. Datta, Jagan and Anand, (ed.) *India Economic Development and Geographical Opportunity*: Oxford University Press, New Delhi, 1976.
4. Nanda, A. Raja, *India: Indian Economy: the Regional Dimension*, Spectrum Publishers, New Delhi, 1981.
5. Robinson, Francis, *The Cambridge Encyclopedia of India, Pakistan, Bangladesh, Sri Lanka, Nepal, Bhutan, Tibet, Maldives*, Cambridge University Press, London, 1979.
6. Singh, L. (ed.) *India - A Regional Geography*, National Geographical Society, India, Varanasi, 1971.
7. Singh, O. N. K. and K. A. L. *India and Pakistan*, National Geographical Society, London, 1967.
8. Tripathi, Gopal Krishna, *Emerging India: a Geographical Perspective*, Vikram Publications, Jaipur, 1976.

REMOTE SENSING AND GIS (100 Marks-5 Credits)
Core Papers CC-104

Course Contents:

Unit-I: Remote Sensing and GIS Definition, Components, Development, Field and Types.

Unit-II: Aerial Photography and Satellite Remote Sensing Principles, Types and Characteristics of Aerial

Photography, Primary and Secondary Sensing, Differences between Aerial and Satellite Remote Sensing (Landsat and IRS) and Sensors.

Unit-III: GIS Data Structures, Types (Spatial and Non-spatial), Raster and Vector Data Structure.

Unit-IV: Image Processing (Digital and Manual) and Data Analysis: Pre-processing (Radiometric and Geometric Correction), Enhancement (Filtering), Classification (Supervised and Un-supervised), Geo-Referencing, Editing and Output Overlay.

Unit-V: Interpretation and Application of Remote Sensing and GIS Land Use, Land Cover, Urban Sprawl, Analysis, Forests Monitoring.

Semester-3 (400 Marks-30 credits)

CONCEPTUAL DEVELOPMENT IN GEOGRAPHY (100 Marks-5 Credits)
Core Papers CC-301

Course Contents:

Unit-I: Growth of Geography as a scientific discipline:

Historical development: Contributions of major geographers in geography in the ancient world (The Greeks, The Romans, The Arab, The Indians and The Chinese), Development of Geographical thought during pre and post - modern period. An overview: Evolution of geography: Determinism, Y & Possibilism, Quantitative vs Qualitative, Systematic vs Regional Geography.

Unit-II: Revolutionary Geography:

Conceptual revolution: Philosophy of space and distance in geography: Spatial implications and distance decay, Spatial diffusion and the regional systems, The revolution in regional concepts and regional methods in geography and regionalism, Quantitative revolution, Paradigms in geography.

Unit-III: Thematic geography:

Pragmatism, Functional, Functionalism, Rationalism, Environmental, Modernism, Postmodern, Radicalism, Behaviouralism, Postmodern.

Unit-IV: Contributions of Geographers:

(Herbert H. Turner, Immanuel Kant, Alexander von Humboldt, Carl Ritter, Schaefer and Karl Ritter).

Suggested Readings:

1. Norman E. Barry and Brian H. Barry: Human Geography: Concepts and Applications.
2. Charma K. Geographical thought: A critical Review, Agony.
3. Dilip K. D. Geographical thought: A critical Review, Agony.
4. Latha Ravi: Geographical thought: A critical Review, Agony.

5. David Harvey *Explanation in Geography* Sage Publications

6. Noel Holmgren *Evolutionary Geography through Time* Sage Publications

RESEARCH METHODOLOGY AND SURVEY TECHNIQUES (100 Marks) 5-Credits **Core Papers CC-292**

Course Contents:

Unit-I Fundamentals of Research

Nature of Science: description, causation, prediction and explanation; Nature of natural and behavioural systems; Nature of Descriptive enquiries: Physical and Human; Deterministic and non-deterministic approaches; Theorizing and World ontology; epistemology; research paradigms; methods and methodology; Types of logic; reasoning- Inductive, Deductive and Abductive.

Nature and objectives of research; Research Types- descriptive-analytical, pure-applied, conceptual-empirical and qualitative-quantitative.

Unit-II Research Process

Steps in Research process

Needs and objectives of Literature Review; Conducting literature review- searching literature, reviewing selected literature, developing theoretical and conceptual frameworks; Reporting literature review; Citation methods- foot note, text note and text bibliography; annotated bibliography; critical analysis of research problems- meaning, importance and scope; setting, defining, stating and evaluating a research problem; Selection of research objectives; Exercises on writing introduction of a research article (Hypothesis, Definition, research goals and types of hypothesis); Tests of hypothesis with small and large samples; Type I and Type II Errors in testing hypothesis.

Research Strategies: Case studies, Experiments, Ethnography, Phenomenology, Grounded Theory, Action Research; Data Collection Methods: Questionnaire, Interview, Focus Group, Participant Observation, Sampling: Concept, principles, factors affecting inference drawn from a sample; Types of sampling- random and probability sampling (simple, systematic sampling); Sample size calculation.

Unit-III Reading a Scientific Research Paper

Introduction Lecture: Background, Hypothesis, Research Question, Problem, Logic, Novelty.

Materials and Methods Lecture: Research Design, Data/ Material based Sampling Strategy.

Techniques used Result Lecture: Cautions and also dependability of data; Important observations.

Discussion Lecture: Interpretation of results and main conclusions.

Unit-IV Surveying Methods

Fundamentals of Triangulation and Terrestrial Mapping- (HCE and TTI) generation GPS.

Survey techniques

Suggested Readings

1. Clifford N. Cope, N. Silberg, T. A French, S. (Eds.) (2014) *Quantitative Geography* Sage

2. Getis, A. & Jones, K. F. (Eds.) (2015) *Research Methods in Geography: A critical introduction* (Vol. 4), John Wiley & Sons.

3. Hagler, D. L. (Ed.) (2015) *Essays on research methodology* Springer.

4. Kvale, S. (1997) *Theology of Interview: An exploration of the ethics of qualitative research*, Springer Science & Business Media.

5. Kuznar, R. (2019) *Research methodology: A step-by-step guide for the geographers* Sage Publications Limited.

6. Leach, G. R. (2017) *Research Methodology in Geography* Pearson Education.

7. McElanberg, G. I., GAGIN, R. J. (Eds). (1997). *Research Methodology in the Life, Behavioral and Social Sciences* Sage

8. Pihuzan P (2016) *Geographical Methodology: Theories, practices and instruments* Springer.

9. Singh, Y. K. (2006). *Fundamentals of research methodology and statistics* (1st-4th International)

10. Yeong P. M. (2014). *How to Read and Critique a Scientific Research Article: Notes to Guide Students Reading Primary Literature (with Teaching Tips for Faculty Members)*. WorldScientific Publishing Company

GEOGRAPHY OF SETTLEMENTS (100 Marks - 5 Credits)

Core Papers CC-209

Course Contents

Unit-I: Concept of rural and urban settlements, Names- Scope, Significance and approaches to study recent trends in Settlement Geography. Evolution of Settlements in India. Emergence of Village Settlements: rural settlement patterns, Origin and Growth of Towns. Sprung of Settlements - Application of Models of Christaller and Lohsch and its application. Issues and policies of Settlements: settlement planning. The concept of sustainable cities and sustainable Urban growth.

Unit-II: Rural settlement: Site, location, types and patterns, Rural House types: planned and architectural style in different geographical environments, Rural Service Centers and their Role in Urbanization Process. Indian Rural Settlements in Different Physical-Environmental Conditions (a) Mountains (b) Desert Region (c) In the vicinity of Urban Centers. Rural-Urban fringe: Meaning characteristics.

Unit-III: Urban Settlements: Urbanization: Concept and process: meaning of urban settlements and Urbanization. Urban morphology: spatial of urban influence. Classification of Urban Types: Non-Functional and Functional. Behavioral, structural and demographic concept of urbanization: distribution and evolution of cities through historical times. Settlement systems- primary city-rank-size rule, settlement hierarchy.

Unit - IV Contemporary Urban issues: Concept of city region, Characteristics of urbanization, Nature of urbanization: Contemporary Urbanization: Price effect and vertical and horizontal growth of cities. Urban sprawl, scarcity of housing and growth of slums, problems of city amenities, urban transport problem, Environmental pollution. Smart cities, AMRUT (400) Mission, Urban Infrastructure, Urban Transport, Smart PMU, Pradhan Mantri Awas Yojana (PMAY) (Deen, Doyal, Ambedkar Yojana), BAO (Bani, Gandhi, Ambedkar Yojana), MITRUM (Mahatma Jyoti Bapu National Urban Renewal Mission), DBT/IC Growth Smart Cities - Urban)

Suggested Readings

1. Bidain, P. S. (1979) *Geography of Settlements* Macmillan London.

2. Marshall Ray, M. (1975) *Urban Geography* John Wiley and Sons, New York.

3. Anderson Fred, 1970 *Contemporary Geography: Vol- Urban and Rural* Longman.

4. Baskin, C. J. Translator, 1990 *Central Places in Southern Germany*, Fromm Verlag.

Englewood Cliffs New Jersey.

5. Haggert, Peter, Andrew D. Cultural Geog. Fred (Ed) (1979) *Location of Markets and*

Nonmarkets

6. King, Leslie J. 1984 *Central Place Theory* Sage Publications New Delhi.

7. Hayer, M. Harsham, Cynthia F. Yalcin (Ed) (1987) *Readings in human Geography*, Central Book

Dept. Allahabad.

8. Hirst, A. J. M. Mahabadi Sar, 1988 *India's Urbanization* by P. Mahabadi, New Delhi.

9. Kanga, J. D. 1972 *Delhi Metropolitan Region*, K.B. Publications, New Delhi.

10. Prakash Rao V.L.S. 1980 *Urbanization in India* Spina Dimensions, Concept Publishing Co.

New Delhi.

11. Ramachandra R. 1990. Unsettled Land and Environment in India Oxford University Press, New Delhi.
12. Singh R.L. and Keshav Singh (Ed) (1975) Readings in Rural Settlement Geography. National Geographic Society of India, Varanasi.

REGIONAL GEOGRAPHY OF JHARKHAND (100 Marks-3 Credits)

Core Paper CC-204

Course Content:

Unit-I Introduction: Location, Administrative History, Physiographic divisions, Geological structure, Climate – Climatic regions & Rainfall regions, Soil (Types, Distribution, Conservation Measures), Natural Vegetation (Forest Types, Distribution, Forest Products and NTFPs Collection, Wildlife - Biosphere reserve, National Park, Wild Life Sanctuary and Eco-Tourism)

Unit-II Drainage System, Drainage Basin & its Subset Features, Irrigation System, Multi-Purpose Irrigation Project (Major, Medium, Minor), Ground Water (Qualitative and quantitative) & its Distribution, Energy Resources, Agriculture (Types & Characteristics, Spatial Distribution, Production), Agro-Climatic Zones, Natural Hazards and Disasters in Jharkhand (Cyclones, Floods, Droughts, Earthquakes, Heat waves, Lightning etc., Biological Disaster - COVID-19 & its Impact, Disaster Management Policy)

Unit-III (Mineral) Resources (Iron, Manganese, Bauxite, Coal) Industries (Large Scale, Medium Scale, Small Scale-Cottage, Handcraft), Industrial Area, Industrial Policies, Transport (Types & Distribution), Tourism (Types, Important Tourist Place, Road Maps, Earnings from Tourism), Geomorphology, Geo-heritages & their prospects in Jharkhand, Economic Development and Planning (Backward Region Planning-IBR), Geopolitics

Unit-IV Demographic Division (Distribution, Density, Growth & Migration), Population Composition (Sex Composition, Age Structure, Regional Composition, Rural, Urban Composition, Literate, Occupational Structure), Problems and Prospects of Education in Jharkhand (Primary, Secondary & Higher Education), People, Society & Culture (Spatial Distribution of Social Groups, Tribes, Tribal Development Plan), Religion, Caste, Languages & Cultural Practices, Health Care Planning & Problems in Jharkhand, Urbanization in Jharkhand and Associated Problems (Urban Flooding, Slums, Pollution, Water, Air, Noise)

Semester 3 (400 Marks, 10 credits)

ENVIRONMENTAL GEOGRAPHY (100 Marks-3 Credits)

Core Paper CC-203

Course Content:

Unit- I Man and Environment Interdependence and Interrelationship, Population, Poverty and Economic Development, Environmental Resources, Pollution, Cultural Change and Sustainability (Agricultural Revolution, Industrial Revolution and Information/Digitalized Revolution), Environmental Movement in India

Unit- II Environmental and Social Impact Assessment: Alternative Concepts, Origin and Evolution, Process and Evaluation Methods, Goals and Principles of EA/ IIA, Potential Problems in IIA/ IIA, Implementation, Effects of EA/ IIA on Development Projects: Case Studies and Examples

Unit- III Air Pollution: Major Air Pollutants, Their Source and Health Effects, Current Levels of Air Pollution in major Cities in India, Indoor Air Pollution, Photochemical and Industrial Fog, Acid Deposition, Water Pollution: Sources, Types, Sources, Effects on Human Health.

Eutrophication, Total suspended solids (TSS) and Total Dissolved Solids (TDS) in water, Regional Scenario of Surface Water Pollution in India and Control Strategies, Environmental Reports (Biological and chemical) and its Effect on Human Health, Solid Waste Management and municipal Wastewater Management (in developed and developing countries) in India and its related with Special Reference to Smart 3 Smart Nations and Smart City Project.

Unit - IV: Sustainable Development: Concept, History, Definition and Goal, Dimensions of Sustainable Development, Green Technology and Green Development, Environment, Sustainable Use of Natural Resources, Concept of Resilience, Recovery and Security (SDG), Ecological Carrying Capacity and Eco-Development, National Programmes and Policies in India, National Clean Air National Action Plan on Climate Change, National Environmental Policies of India, International Treaties, Programmes and Policies on Environment, Case Studies from World India (quarter).

Suggested Reading:

1. United Nations ESCAP (1991) Environmental Impact Assessment & Management for Development Projects, New York.
2. G. Millard and Gordon Spelman (2011), Environmental Science, Brooks/Cole, 13 Edition.
3. Heide A. Becker (1997) Social Impact Assessment: Method and experience in Europe, North America and the Developing World, ILO Press.
4. Frank Yantayo and Daniela Brumstein (1996) Environmental Impact Assessment, John Wiley & Sons Ltd.
5. Y. Anandavulu and Vallu Mahalingam (2007) Environmental Impact Assessment Methodologies, BS Publications, Hyderabad.
6. J. J. Vanclay (2014) Why I should be Tolerant: On environmental justice and socialisation in the 21st century. Centre for science and Environment.
7. David Reid (1991) Sustainable Development: A Handbook, Onda, London Publications Ltd, London.
8. Jonathan Turk (1995) Introduction to Environmental Studies, Jones and Bartlett Publishing.
9. United Nations (1987) Agenda 21: Programme of Action for Sustainable Development, The Declaration on Environment and Development, New York.
10. Nicholas Polunin (1971) The Environmental Future, Macmillan, U.K. Nicholas Polunin (eds) Proceedings of the International Conference on Environmental Future, Pergamon Macmillan UK.
11. L.S. Simmons (1989) Interpreting Nature, Culture, Construction and the Environment, Routledge, London and New York.
12. P.A. Merriman and G.A. Brown (1992) Natural Systems: Presenting the earth's Environment, Thomas Telford, London.
13. P.E. Ehrlich, A.H. Dunich, P. Holdren (1970) Eco-System: Population, Resources and Environment, W.H. Freeman & Co. Ltd, San Francisco.
14. Fear of God (1977) Basil Blackwell, Oxford, London.
15. R. U. Cooke and J. C. Deemling (1974) Geomorphology in Environmental Management: An Introduction, Oxford University Press, London.
16. Sarvendra Singh (1991) Environmental Geography, Prakash Pustak, Shri Venkateswara, Tirupati.
17. A. M. Johnson and A.H. Johnson (1977) Geography: Man & Environment, John Wiley & Sons, New York.
18. H.H. Singh, Prithvi Nath, Y.K. Saxena and Jagdish Singh (1988) Geography: Environment Issues and Challenges, Concept Publishing Company, New Delhi.
19. Debi Bandhu S. Das and Chandra Chakrabarti (1977) Current Trends in Indian Environment Today & Tomorrow, Publication, New Delhi.

20. A. N. Strahler & A. R. Strahler (1973). *Dimensional Geo-Science – Interaction Between Natural System and Man*. Wiley International Edition: Hamilton Publishing Company, Santa Barbara, California.
21. K. S. K. Vaidya (1987). *Environmental Geography-India's Context*. East-Viewers Ltd Publishing Company, New Delhi.
22. Daniel B. Chase (1997). *Environmental Science Action for a Sustainable Future*. The Benjamin/Cummings Publishing Company, Inc.
23. United Nations (2015). *Integrating the three dimensions of sustainable development: A framework and tools*.
24. UNEP (1997). <http://www.unep.org/india/india.htm>
25. Govt of India (2015). [Smart Cities Mission \(http://smartcitiesmission.gov.in/contact/\)](http://smartcitiesmission.gov.in/smartcitiesmission/contact/)
26. Govt of India (2015). [SwachhShahar Mission \(http://swachhshaharmission.gov.in/\)](http://swachhshaharmission.gov.in/)

OCEANOGRAPHY (100 Marks-5 Credit)

Core Papers CC-302 Course Content:

Unit-I Meaning, nature and scope of Oceanography; Tectonic evolution of ocean basins. Seafloor Relief of Oceans: Relief Features of Atlantic, Indian and Pacific.

Unit-II Composition of sea water- Temperature, Density, Salinity of Oceans, its distribution & Determinants. T-S Diagram, Ocean Deposits – Classification & Distribution. Factors controlling the deposition and distribution of oceanic sediments.

Unit-III Ocean Circulation – Ocean Currents Waves & Tides – Types & Characterization. Factors associated with origin of Ocean Currents and its impacts. Ocean Currents of Atlantic, Indian & Pacific Oceans.

Unit – IV Sea-level processes and sea-level change, transgression, regression, relative and eustatic sea level change causes and consequences of sea level change. Plate tectonic sea level Hazards: Tsunami & Cyclone, Coral reefs & atoll: types & theories of origin. Marine Resources – Human Impact on Marine Communities: Coastal pollution & its impact on Marine biodiversity (including fisheries).

Suggested Readings:

1. East, E.K. (2013) *Handbook of Oceanography*. John Wiley & Sons.
2. Bird, E. (2000) *Coastal geomorphology – an introduction*. (John Wiley & Sons, 2)
3. Davis, Richard A.C. (1972) *Oceanography*. Addison-Wesley Publishing Co.
4. Garrison, T.M. (1998) *Oceanography*. Brooks/Cole Publishers, 10th Edition.
5. Garraffo, T.R. (2004) *Essentials of Oceanography*. Thompson, Australia.
6. Grant, Ross M. (1982) *Oceanography*. Prentice Hall, New Jersey.
7. King, Lucinda A.M. (1982) *Oceanography for Geographers*. Edward Arnold.
8. Petráň, Ivan (1984) *Introduction to oceanography*. Arnold Heinemann, London.
9. Sherman, David (1982) *Oceanography for Geographers*. Chapman & Hall, New York, Atlanta.
10. Singh, Ganesha (2011) *Oceanography*. Prasad, New Delhi, India.
11. Thurman, Harold Y. (1968) *Introductory Oceanography*. John Wiley & Sons, London.
12. Tooley, M.H. and Swainson, (1967) *Sea Level Change*. Blackwell, Oxford, U.K.

STATISTICAL METHODS IN GEOGRAPHY (100 Marks - 5 Credits)
Core Papers CC-303

Course Content

Unit-I: Measures of Central Tendency: Arithmetic Mean, Median, Mode and Their Characteristics. Measures of Dispersion and Variability: Range, Percentile and Quartile Range, Mean Deviation, Standard Deviation, Measure of Inequality and Skewness: (Skin coefficient, Lorenz Index)
Unit-II: Concepts of Probability Distributions: Binomial Distribution, Normal Probability Distribution, Coefficient of Pearson Product Moment Correlation, Coefficient of Rank Correlation, Coefficient of Regression Analysis and its Significance. Bivariate, Partial and Partial Relationship (Straight Line Regression for Two Variables)
Unit-III: Hypothesis Testing: Formulation, Selection Rule, One and Two Tailed Tests, Significance Level, Degrees of Freedom, Standard Error, Different Types of Significance Test: Chi-Square Test, Z-Test, T-Test
Unit-IV: Indices and Index Free, Computation of Composite Index, Principal Component Analysis and Cluster Analysis, Sampling Techniques and Determination of Sample Size, Demonstration and Use of SPSS Software for Statistical Analysis.

Suggested Readings

- 1) Mah. Abdu Qader (2014) Applied Statistics for Social and Management Sciences Springer Publisher, Singapore.
- 2) Gregory J. (1999) Statistical Methods in the Geographer Longman.
- 3) Gilbert, Kernal (1981) Statistics Saunders College Publishing Philadelphia.
- 4) Theakston and Barron (1978) Analysis of geographical Data, Harlow, Essex, First Edition.
- 5) Matthews, John, A. (1976) Quantitative and Statistical Approaches to Geography, Pergamon Press.
- 6) C.B. Gupta and V. Gupta (2004) An Introduction to Statistical Methods Vikas Publishing House Pvt. Ltd., New Delhi.
- 7) Leslie J. King (1987) Statistical Analysis in Geography, Prentice Hall, Englewood Cliffs.
- 8) Dick, John (1979) Statistical Concepts in Geography, Harper Collins Publishers Ltd London.
- 9) John MacInnes (2017) An Introduction to Secondary Data Analysis and GIS Statistics, SAGE Publications, New Delhi.
- 10) Mah. Abdu Qader (2014) Applied Statistics for Social and Management Sciences Springer Publisher, Singapore.
- 11) Gregory J. (1999) Statistical Methods in the Geographer Longman.
- 12) Gilbert, Kernal (1981) Statistics Saunders College Publishing Philadelphia.
- 13) Theakston and Barron (1978) Analysis of geographical Data, Harlow, Essex, First Edition.
- 14) Matthews, John, A. (1976) Quantitative and Statistical Approaches to Geography, Pergamon Press.
- 15) C.B. Gupta and V. Gupta (2004) An Introduction to Statistical Methods Vikas Publishing House Pvt. Ltd., New Delhi.
- 16) Leslie J. King (1987) Statistical Analysis in Geography, Prentice Hall, Englewood Cliffs.
- 17) Dick, John (1979) Statistical Concepts in Geography, Harper Collins Publishers Ltd London.
- 18) John MacInnes (2017) An Introduction to Secondary Data Analysis and GIS Statistics, SAGE Publications, New Delhi.

HYDROLOGY AND WATER RESOURCES MANAGEMENT (10065616-05/2016)

Core Papers CC-304

Course Content

Unit-I: Introduction: The history of hydrology, Stream Concept in hydrology, hydrologic cycle elements of hydrologic cycle, human impact on the hydrologic cycle, Water balance.

Unit-II: Surface Water Hydrology: River basin and problems of regional hydrology, sources of stream flow, stream flow hydrograph, stream flow measurement, rainfall-runoff relationships, flow duration curve, surface water resource of India, wetlands hydrology.

Unit-III: Groundwater Hydrology: Concepts of subsurface water, formation according to their water-bearing properties, types of aquifer and aquifer properties, Darcy law and secondary groundwater flow equation, geological formation of aquifers, groundwater concerning groundwater resource estimation.

Unit-IV: Contemporary Issues and Challenges: Drought, flood, water use conflicts, water quality and major water pollutants (point and non-point source), water quality criteria for different uses.

Unit-V: Water Resource Planning, Management and Policy: Water resource management (demand and supply side), watershed management, water harvesting, national water policy.

Suggested Readings:

1. Atlas S. H. 1952 The Challenged Water Supply. Vikas Publishing House Pvt. Ltd. New Delhi.
2. Aggarwal A. 1991 Floods Floodplain and Environment. NITD, Deemed to be University, Environmental Engineering, New Delhi.
3. Andrew G.W. and Trimble S. 1984 Environmental Hydrology, 2nd Edition, Lewis Publishers, CRC Press.
4. Beale E. Louis F. O. 1996 Water Resource Systems Planning and Management, An Introduction to Methods, Models and Applications, UNESCO, Paris.
5. Bhattacharya S.K. 1988 Urban Demand of Water Supply in Developing Countries, CBS Publishers, CR Distributors, Delhi.
6. Chow V.T., Maidment D. R and Neel, W.L. 1988 Applied Hydrology, McGraw-Hill International Edition, McGraw-Hill Book Company, New York.
7. Borch, Tim and Jonathan, M.F. 2017, Wetland Hydrology: The International Encyclopedia of Geography, Wiley-Blackwell Library.
8. Janz, K., Aggarwal P. and Singh, V.P. 2007 Hydrology and Water Resources, Springer, The Netherlands.
9. Korten, K.B. 1988 Groundwater: Exploration, Assessment and Development, Tata McGraw Hill, New Delhi.
10. Mahajan D. 1985, Evaluation and Development of Groundwater, Anand Publishing House, New Delhi.
11. Mishra, P. and Singh R. 1996, Man made water cycle, challenges and solutions, International Journal of Environment and Pollution Control, 15 (3), 285-290.
12. Rai, S.C. 2017, Hydrology and Water Resources: A Geographical Perspective, Anand Book Pvt. Ltd., New Delhi.
13. Singh V.P. 1995 Environmental Hydrology, Kluwer Academic Publishers, The Netherlands.
14. Srinivasan, K. 2010, Engineering Hydrology, The McGraw-Hill Education Pvt Ltd, New Delhi.
15. Thornthwaite, C.H. and Mather, J.R. 1937, Transpiration and Tables for Computing Potential Evapo-transpiration and the Water Balance, Cornell Institute of Technology, Corcoran, New York.
16. Todd D.K. 1980 Groundwater Hydrology, John Wiley, New York.

NATURAL HAZARDS AND DISASTER MANAGEMENT (300 Marks/30 credits)

Core Papers/CC-401

Course Content

Unit-I: Natural Hazards and Disasters: Meaning and Concept, Dimensions and Implications of Disasters, Disaster management: Legislation, Institutional, Organizational, Frameworks) and Disaster management Policies with Special Reference to India and Jharkhand

Unit-II: Type, Occurrence and Characteristics of Disaster: Earthquake, Flood, Cyclone, Drought, Volcanic Eruption, Typhoon, Landslide, Smog, Epidemic, Nanotom, Heat wave, Case Studies from Jharkhand /India

Unit-III: Vulnerability and Risk: Concept, Assessment Methods, Vulnerability Analysis, Major Requirements for Coping with Disaster, Role of IECN, Warning System, Public Awareness and Community Participation in Disaster Management.

Unit-IV: Concept and components of Disaster Management Cycle: Long Term Measures (Prevention and Mitigation), Prior to Disaster Impact (Preparedness), Response to Disaster Impact (Response), Post Impact Factors (Recovery, Post Disaster Relief and Development) Case Studies from Jharkhand /India

Suggested Readings:

1. P.A. Matrician and C.W. A. Davies (Editors) (1991) *Natural Disasters: Strengthening Vulnerable Communities*, Thomas Telford London.
2. Carter, W. Noh, (1991) *Disaster Mitigation: A Disaster Manager's Handbook*, Asian Development Bank.
3. Asian Development Bank (1991) *Disaster Mitigation in Asia and Pacific*, Asian Development Bank, Manila, Philippines.
4. Government of India (2009) *National Policy on Disaster Management*, Ministry of Home Affairs.
5. Government of India (2009) *The Disaster Management Act 2005*.
6. P.B. Ehrlich, A.K. Ehrlich A / F. Holman (1972), *Geo-Science Population, Resources and Environment*, Freeman and Company, San Francisco.
7. G.J. White (1974), *Natural Hazards: Local, National & Global*, (Ed) Oxford University Press, London.
8. Cooper, M. (2019), *Seven Dimensions of Disaster: The Social Framework and the Social Construction of Catastrophe*. In K. Setzler, M. Aronson-Duane, S. K. Eckmiller (Eds), *The Cambridge Handbook of Disaster Risk Reduction and International Law* (pp 17-31). Cambridge: Cambridge University Press. doi:10.1017/9781108944342.004
9. <http://www.unisdr.org/we/inform/publications-and-publications>
10. Du, Y., Ding, T., Li, L., & Cao, B. (2018). The role of hazard vulnerability assessment in disaster preparedness and prevention in China. *Military Medical Research*, 2(1), 1-7.
11. Ashman, S., Sahana, M., Kong, H., Farid, H., & Ahmed, E. E. (2019). A systematic review on approaches and methods used for flood vulnerability assessment: framework for future research. *Natural Hazards*, 96(2), 475-498.
12. Building Materials and Technology: Promotion Council (2019). **VULNERABILITY ATLAS OF INDIA**. (<https://www.bmtc.org/Downloads/2019/04/2019%20Vulnerability.pdf>)

Special Paper(Group -A)

TROPICAL METEOROLOGY AND CLIMATOLOGY (100 Marks) (3 Credits)

Core Paper(EC-403)

Course Content:

Unit-II Weather and climate: Components of the climate system and feedback to climate. Radiation climate system: basic solar input, geographic and seasonal distribution of incoming radiation, energy balance, water vapor, latent heat, albedo, clouds. Geographical and seasonal distributions of temperature, pressure, wind, precipitation, vertical distribution of temperature and winds.

Unit-III Climatology of air masses: Origin, movement and modification of air masses, fronts and convergence zones, weather associated with frontal zones. Classification of climate: Köppen and Thornthwaite schemes.

Unit-III Large scale planetary systems: Trade wind and ITCZ, Rayley and visible irradiance, jet streams, Madden-Julian oscillation, westerly waves, Tropical cyclones, dry, Zonal circulation, life cycle, structure in wind, temperature, introduction to various theories, cyclone movement, storm surge.

Unit-IV Monsoon: climatological features and seasonal evolution of Indian summer monsoon, principal rain bearing systems including monsoon depressions, lows, mid-tropospheric cyclones, inter seasonal variability of summer monsoon including active and break cycles, monsoon variability on inter-annual and decadal time scales, impacts from tropical oceanic drivers such as the ENSO and IOD, southeast monsoon, West scale systems, Thunderstorm, dust storm, hail storm, tornado, sea and land breeze.

Suggested Readings:

1. Nonaka and Nagaike (Eds) *Handbook of Tropical Meteorology*, Department of Earth and Planetary Science, University of Tokyo, 1997.
2. Ann Y.P. *South West Monsoon*, IAS, 1976.
3. Fick D.E. and G. Rupa Kumar. *Climate of India*, Asia World Publishing, Chichester, 1997.
4. Chang C.P. and T.Y. Kwok. *Monsoon Meteorology*, Oxford University Press, 1997.
5. Armitage, R. A., *Tropical Cyclones, their evolution, structure and effects*, American Meteorological Society, 1962.
6. Allan R.J.G. *Tropical Meteorology*.
7. Trenberth, G.T. *An Introduction to Climate*, McGraw-Hill.
8. Paedhanabhai, J. *Arctic Meteorology*, E.I. Palanisami, 2011.
9. Ahijevski, S.Y. *Meteorology and Climatology*.
10. Dhanu, D. B. *Meteorology over the Tropical Oceans*, Royal Meteorological Society publication, 1977.
11. Jellison, W.D. *Physical Climatology*, University of Chicago Press, 1961.
12. Neelin, J.D. *Climate Change and Climate Modelling*, Cambridge University Press, 2011, Barry R.

Special Paper(Group -A)

CLIMATE CHANGE AND ITS IMPACTS (100 Marks) (3 Credits)

Core Paper(EE-403)

Course Content:

Unit-I: Overview of the climatic history of the earth, evidence of climate changes. Climate change and climatic variability: local and planetary influences, Milankovitch cycles, solar activity, 111 and precession cycles, orbital feedback, El Niño-Southern Oscillation, Thermohaline circulation and its effect on climate.

Unit-II: Paleo climate evidence, micro fossils, dendrochronology, speleothems, lake and ocean varve sediments, foraminifera, oxygen isotope stratigraphy, peat deposits, ice cores - polar and tropical ice cores, speleothems, pollen grains.

Unit- III: Natural and Human Causes of Climate Change, El Niño, La Niña, Milankovitch Cycles, Orbital Variations, Solar Variability, Global Warming, Greenhouse Effect, Impact of Human Activities on Global Climate, Progression between the elements of weather and climate with assessing their impacts at different scales.

Unit-IV: Global Warming, Role of greenhouse gases and aerosols, other climate forcing, climate change scenarios (IPCC AR5, RCP, SSP) reports, Recent climate change and detected future projection, mitigation, adaptation, Sea level change, modeling and predicting climate change. (The ice regulated by the latest IPCC RCP report as well what it gets released)

Suggested Readings

1. Paleoclimates: Understanding Climate Change Past and Present, Thomas Cross
2. Climate and Evolution, William Diller Matthew
3. Principles of Paleoclimatology, Thomas Cross
4. Climate Change: The Natural and Human Drivers and Risks, IPCC
5. Barry R.D. and R.J. Garreaud, Atmosphere Weather and Climate, Elsevier, 2010
6. Hartmann, D., Global Physical Climatology, 2nd Edition, Elsevier, 2015
7. General Climatology, H.J. Crossfield, Prentice Hall (1964)
8. An Introduction to Climate, D.T. Greenwood
9. World Climatology - An Introduction and Approach, 2nd Edition, J.G. Lockwood, Edward Arnold press, London.
10. Sellers W.D., Physical Climatology, University of Chicago Press 1963.

Special Paper (Group-B)

GIS AND ITS APPLICATION (100 Marks, 3 Credit)

Core Paper EC-402

Course Content

Unit-I: Introduction to GIS, Definition, Concepts, Data, Data Acquisition, Data Entry and Output

Hardware and software requirements, General data types, images, Spatial and non spatial data

Unit-II:

GIS Database, Geographical Data Sources, Land use, remote sensing, terrain mapping, Data Quality

Source, Vector & Raster, metadata, Data conversion, Relations

Database model, data compression, GIS, ArcGIS, Data - by the geospatial, geospatial, geospatial,

Data manipulation, analysis

Unit-III: GIS data structure and management, Data Structure, Raster and Vector, Database

Management Systems, Concepts of 2D, 3D & 4D, Digital Elevation Models (DEM),

Characteristics and applications, Web-based GIS, Database methods and applications

Unit-IV: GIS Applications, Integration of GIS and Remote sensing, GIS in Decision making tools,

GIS application areas: Urban Planning and Environmental Planning, Disaster Management,

Agriculture, Google Earth Applications.

Suggested Readings

1. An Introduction to GIS, 2nd Edition, John J. Burroughs, Prentice Hall, 2000

2. Arnoffs: Geographical Information Systems: A Management Perspective, 2007, Publication: Ottawa, 1989.
3. C.F. Lo and A. Oberthur: Using Concepts and Techniques in Geographical Information Systems, 2002, Prentice- Hall India.
4. ESRI: Understanding GIS, Redland, USA, 2000.
5. Puzalshahab: GIS Basics, New Age International Publishers, New Delhi.
6. Peter Taylor: GIS: Geographical Information Systems, Pergamon Press Oxford, 1991.
7. George R. Korte, P. E. The GIS Book, Thomson Asia Pte. Ltd., Singapore.
8. Heywood J(Ed), An Introduction to Geographical Information Systems, Pearson, (2011)
9. Ian Heywood, Tara Connolly, David Carter, An Introduction to Geographical Information Systems, Longman, 1998.
10. Kang-Fung-Chang, Introduction to Geographical Information Systems, 2002, McGraw-Hill, Lammara, Robt. Internet GIS Applications, ITC.
11. MacQueen D, J. F. Goodchild and S. K. Goodchild, Geographical Information Systems: Principles and Applications, Taylor and Francis, Washington, 1991.
12. Hartshorn, Computer Assisted Cartography, Prentice Hall, Englewood Cliffs, New Jersey, 1982.
13. P. Ashworth and E. A. McDonald, Principles of Geographical Information Systems, 2000, Oxford University Press.
14. Paul A. Longley, Michel F. Goodchild, S. Yagure and O.K. Elial, Introduction to Geographical Information Systems and Science, 2005, John Wiley and Sons Ltd.
15. Fauquet C. And D. F. Machia, Introduction to Geographical Information Systems, Taylor & Francis, Washington, 1990.
16. Sahu, Lal Charan, Text Book of Remote Sensing and Geographical Information Systems, 2nd Edition, published and distributed, New Delhi.
17. Star, J. and J. Estes, Geographical Information Systems: An Introduction, Prentice Hall, Englewood Cliffs, New Jersey, 1994.

Special Paper (Group - B)

AERIAL PHOTOGRAPHY, REMOTE SENSING, GPS AND GIS (100 Marks- 5 Credits)

Core Papers CC-403

Course Content

Unit-I Remote Sensing Applications: Satellite Image Interpretation (Visual Image Interpretation and Digital Image Interpretation) Identification of ground truth features in satellite imagery; GPS survey Area mapping, road mapping, Digital image analysis technique (Supervised & Un-Supervised Classification) Mapping from satellite imagery- Land use, Land cover, Wet land Mapping, Watershed Delineation through GIS, Terrain Evaluation (Gradient, Slope, Aspect) Estimation of Land Surface Temperature, Shading -an Overview, Google Earth Application

Unit-II Aerial Photography Applications: Terrestrial remote sensing, Determination of scale of Aerial photographs, Determination of air photograph scale, Interpretation of perspective aerial photographs, Elements of image characteristics and linear relation images, Mapping of landforms, Drainage, urban and rural settlements, agriculture and industry. Unit-III GIS Applications: Spatial and Non-Spatial data management, Examples of GIS soft ware, Map Layouts design and map generation, GIS data operations, digital data, create map, join, buffering, overlay functions in GIS, vector operations, creation of thematic maps, computer and dot methods charts, Integration of GIS and GIS

PROJECT REPORT (DISSERTATION) (100 Marks- 5 Credits)

Core Papers CC-404

The students will be taught how to write a project report, dissertation



Netaji Subhas University, Jamshedpur
Courses of Study for M.A. (History) Programme
Choice Based Credit System (CBCS)

Semesters	Courses	Course Name	Credits
I	YC-1 (compulsory)	Computer Science	1
	CC-1	Concept of Historiography	
	CC-2	Ancient Civilizations	
II	CC-3	Medieval Societies	1
	EC-1 (SE)	Research Methodology	
	CC-4	Twentieth Century World up to 1947	
III	CC-5	Women in Indian History	1
	CC-6	History of Backland up to 1947	
	CC-7	World since Second World War	
	CC-8	Medieval Islamic World	
IV	CC-9	Indian Historiography	1
	HC-3 (GE)	History of Science, Technology and Medicine	
	CC-10	Economic Life in India up to 1200 Or Economic Life in India 1200-1757 Or Economic Life in India 1757-1930	
	CC-11	Society and Culture in India up to 1200 Or Society and Culture in India 1200-1757 Or Society and Culture in India 1757-1930	
Total Credits	EC-3 (DC) Project	State in Ancient India	5
			24

M.A. Programme, FC-I, CBCS, Semester-I

Marks: 70 (ESUE), 30 (SLA)

Credits: 5

Foundation Course (FC-I)

Computer Science

Unit 1:

Hardware: (a) Input devices - Keyboard, pointing devices, touch-screen devices, scanner, MICR, OCR, Barcode reader, digital camera etc. (b) Output devices - Visual Display Unit, printer, plotter etc. (c) Storage Devices - Magnetic storage devices, Optical storage devices, Flash Memory etc.

Software: Introduction; Types of software with examples; Introduction to languages, compiler, interpreter and assembler.

Operating System: Definition, Functions, Types and Classification; Evolution of GUI based operating system - Windows - Use of mouse, icons and commands of windows operating system; Linux Operating System - Introduction to Open Source Software.

Unit 2:

Use of MS - Office & Libre Office: Basics of MS-Word, MS-Excel & Libre Office Impress and MS-Power Point & Libre Office presentation; Creating tables, graphs, forms and reports in MS-Office and Libre Office; Computer Networks: Overview of Computer.

Network: Types of computer networks (LAN, WAN and MAN), Networking topologies, Internet; Overview of Internet; Architecture & Functioning of Internet; Basic services over Internet like WWW, FTP, Telnet, Gopher etc.; IP addresses, ISPs, URL, Domain names, Web Services, Internet Protocols, Search engines, e-mail, Web browsing, searching, downloading & uploading from Internet; Application of Information Technology.

Unit 3:

MS: Introduction; Coverage of Data and Information; Information Systems, Classification; Operator Support System (OSS), Management Support System(MSS), Transaction Processing System (TPS), Process Control System (PCS), Executive Collaborative System (ECS), Management Information System(MIS), Decision Support System(DSS).

Artificial Intelligence(AI): Applications Of Artificial Intelligence; Neural Networks; Fuzzy Logic; Control System; Virtual Reality; Expert System(ES); Executive Information System(EIS); Other Functional Information Systems.

Unit 4:

Developing MIS Systems: System Development Life Cycle - Investigation Phase, Feasibility, Feasibility Analysis, System Analysis (DFD and EE Diagram), System Design, Implementing Business Systems, Testing, Documenting, Training, Conversion and Maintenance.

Unit 5:

Applications: Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Security and Ethical Challenges, OET, Ethical Responsibility - Business Ethics, Technology Ethics, Cyber Crime and Privacy Issues.

Suggested Readings:

Liou, A and Leon M. Introduction to Computers, Vista.

ITL, EBL, Introduction to Information Technology, Pearson.

ITL, EBL, Introduction to Computer Science, Pearson.

Shrivastava, Fundamentals of Computer and Information Systems, Wiley Graduate.

M.A. History (CBCS, Semester-I)

Marks: 70 (ESE) 30 (SEA)

Credits: 5

Core Course-I

Concept of Historiography

Unit 1: Definition and Scope of History

- a. Definition, Scope, Importance of History, Science and History
- b. History and other Disciplines: Archaeology, Anthropology, Geography, Political Science, Sociology, Economics

Unit 2: Sources

- a. Primary Sources
- b. Secondary Sources
- c. Oral Traditions

Unit 3: Objectivity and Subjectivity in History

- a. Objectivity in History: Meaning of Objectivity: The Problem of Objectivity in History
- b. Subjectivity in History: Bias, Distortion and Generalization in History

Unit 4: Tradition of Historical Writing

- a. Ancient – Greek and Roman
- b. Medieval – Arabic and French
- c. Modern – Empiricism and Positivism, Marxist and Annales School

Suggested Readings:

B. Balogh, *Ala. History: Its Theory and Method*, Macmillan, 1971

Carl G. Chabot, *Classical Myth and the Historical Method*, John Hopkins University Press, 1972

E. H. Carr, *What is History?*, Pelgrave Macmillan, 2015

E. H. Carr, *What is History?*, Macmillan, New Delhi

E. Freedman, *A Textbook of Historiography: 1914 BC to AD 2000*, Orient BlackSwan, 2014

E. Freedman, *From 14th to 21st Century*, Orient BlackSwan, 2014

Emil Brunsch, *Historiography: Ancient, Medieval, and Modern*, University of Chicago, 2008

Georg O. Iggers, *Historiography in the Twentieth Century*, Walter de Gruyter, 1991

Jeanie Buck, Donald H. Maxwell, *Reading History*, Pelgrave Macmillan, 2006

Muhammad Latif Qureshi, *History: Its Origin, Development and Growth*, Adam, 2012

Michael Bentley, M. Bentley, *Modern Historiography: An Introduction*, Routledge, 1999

H.O. Collingwood, *The Idea of History*, Routledge Press, 2014

Richard T. Evans, *In Defense of History*, Granta, 1997

M.A. History, CBCS, Semester-I
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-2

Ancient Civilizations

Unit 1: Egyptian Civilization

- a. Old Kingdom: Society and Culture, Art and Architecture
- b. Middle Kingdom: Trade
- c. New Kingdom: Akhenaton

Unit 2: Mesopotamian Civilization

- a. Sumerian Civilization: Early Domestic Period
- b. Babylonian Civilization: Achievements of Hammurabi, Achievements of Sennacherib
- c. Assyrian Civilization, Decline of Assyrian Civilization

Unit 3: Chinese Civilization

- a. Shang Dynasty, Chou Dynasty

Unit 4: Greek Civilization

- a. Achievements of Hellenic Age/ Spartan Constitution
- b. Main Features of Hellenistic Age

Unit 5: Roman Civilization

- a. Transition from Republic to Empire
- b. Society and Economy: Decline of the Roman Empire

Suggested Readings

Arthur Anderson, *The Greeks*, London, 1948

Arthur Cotterell, *Imperial Capital of China: A Dynastic History of Oriental Empire*, 1968

B. Teggie, *Understanding Early Civilizations: A Comparative Study*, Cambridge University Press, 2001

D. Oates, *The Rise of Civilization*, Oxford, 1978

George Rawlin, *Ancient Iraq*, Penguin, 1992

James Henry Breasted, *History of Egypt*, London, 1941

Jao Shun, *The Oxford History of Ancient Egypt*, OUP

J. Huxton (ed), *Experiencing Rome: Culture, Ideas, & Power in Roman Empire*, 2001

S.P. Mukhi, *Palaeolithic India, Culture & Practice*, Sahitya Akademi, New Delhi, 2003

Sharma Gopal, *Culture & Practice Sahitya Akademi, Varanasi, 1994*

Yashwantrao Pathak, *Culture & Practice Sahitya Akademi, New Delhi, 1994*

Sushil Pathak, *Ancient Sahitya Akademi, New Delhi, 1998*

Uday Narayan Ray, *India Sahitya Akademi, New Delhi, 1992*

M.A. History, CBCS, Semester-I
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-3

Medieval Societies

Unit 1: Western Europe from 5th to 15th Century

- a. Transition from Ancient to Medieval Society

Unit 2: Feudalism

- a. Origin, Nature and Main features of Feudalism
- b. Decline of Feudalism

Unit 3: Church and State

- a. Nature of Papacy
- b. Relation between the State and the Church

Unit 4: Urbanisation

- a. Urbanisation and Urban Centres, Artisans, Merchants, Guilds

Unit 5: Transition from Medieval to Modern Age

- a. Renaissance
- b. Reformation
- c. Geographical Discoveries
- d. Commercial Revolution

Suggested Readings:

- Amal Parijat, *Prakritik Aur Madhyamk Kalgat Lokatkarogon aur Lokrajyot*, Chandigarh, 2003
- Angus McIlroy, *The Atlas of Medieval Europe*, Routledge, 2007
- Arnold Leitch, *Landmark Cities of Europe*, Oxford India, Delhi, 2009
- Earl Michael Vickers, *Medievalism: Europe in Crisis*, Black Hill South Africa, Pietermaritzburg, 1992
- Chris Cipolla, *Before the Industrial Revolution*, Einaudi, 1992
- Chris Wickham, *Medieval Europe*, Yale University Press, 2018
- H.W.C. Davis, *Medieval Europe*, Longmans, 2011
- Hans J. Hiltner, *Politics and Power in Early Medieval Europe*, CUP, 1991
- Hugh Steward, *Evolution and Social History of Medieval Europe*, Routledge, 1988
- Hollister, *The Oxford History of Medieval Europe*, OUP, 2002
- John Hrymowicz, *Medieval Europe*, Pearson, 2009
- K. Nagin, S.L. Nagin, *Politya in Sanskrita Bharat*, Indian Publications, 2005
- Lynn White, *Medieval Technology and Social Change*, Oxford University Press, 1969
- Perry Anderson, *Foreword: From Feudalism to Feudalism*, Verso Publications, London, 1978
- Floyd Collins, *Early Medieval Europe*, Palgrave Macmillan, 2011

M.A. Programme, EC-1 (SE), CBCS, Semester-II

Marks: 70 (ESE) 30 (SLA)

Credits: 4

Elective Course-1 (SE)

Research Methodology

Unit 1: Fundamentals of Research

a) Basic Principles of Research

b) Preparation of Research Proposal

c) Review of Literature, Formulation of Hypothesis

e. Research Design, Sampling Design, Methods of Research

Unit 2: Sources

Primary Sources

Secondary Sources

Unit 3: Quantitative Methods

a) Numerical Data

b) Basic Quantitative Techniques

Unit 4: Communication of Research

a) Referencing: Footnotes, Endnotes, Bibliographies

b) Report Writing: Dissertation and Research Papers

Unit 5: Computer Application for Research

a) Word processing

b) Data processing

c) Using Excel and Power Point

d) Using the Internet

Suggested Readings:

C.P. Kollias, *Research Methodology: Method and Technique*, New Age International Publishers, 2014

Earl Babbie, *The Practice of Social Research*, 13th edn., Wadsworth, 2013

Jacquie Barrow, Mary F. Oates, *The Modern Researcher*, Wadsworth, 2004

E. Plunk, *Developing Effective Research Proposals*, Sage, 2004

M. Hoss, M. Wazirnia and K. Farid, *A Short Introduction to Social Research*, Vikas, 2008

Monica Walliman, *Research Methods: The Basics*, Routledge, 2011

A. Kishor, *Doing Demography*, London, Sage, 2003

S. Desai and E. Puri (eds.), *Doing Developmental Research*, Vikas, Delhi, 2008

W. Linstead and E.B. White, *The Research of Style*, Newham Heights, 2002

M.A. History, CECS, Semester-II
Marks: 70 (ESUE), 30 (SLA)
Credits: 5

Core Course—A

Twentieth Century World up to A.D. 1945

Unit 1: World Order up to 1919

- a. System of Alliances: Triple Alliance, Triple Entente
- b. First World War
- c. Treaty of Versailles, Reparation Problems
- d. Russian Revolution of 1917

Unit 2: World between the Two World Wars

- a. The League of Nations: Establishment, Achievements and Failure
- b. The Great Depression: Causes and Consequences
- c. Rise of Dictatorships: Italy and Germany
- d. French Quest for Security

Unit 3: Idea and Ideology

- a. Fascism and Nationalism: Study of Italy, Germany and Japan

Unit 4: The Second World War

- a. Causes and Consequences of the War

Suggested Readings:

- Eric Foner, *Political Modernization in Africa*, Harper Collins, 2002
- Chris Mann, *A People's History of the World*, Oxford University Press, 2006
- Devendra Singh Chaturvedi, *Europe ke Jhag: Madhya Pradesh Hindi Orasi Akademi, Bhopal, 1999*
- Dinesh Vajpey, *Adhunik Europe ke Jhag*, University of Delhi, 2010
- Devendra Singh Chaturvedi, *Adhunik Europe ke Jhag*, Panchajanya Prakashan, Bhopal, 2004
- Devendra Singh Chaturvedi, *Adhunik Europe ke Jhag*, Gyan Ganga, 2004
- David G. Dalrymple, *Richard the Lionheart and the Third Crusade*, Random House, 2000
- Eric Hobsbawm, *The Age of Extremes: A History of the World 1914-1991*, Vintage, 1995
- Kanchanika Sharma, *Adhunik Europe ke Jhag*, Mulla B. Chughani, Delhi, 2009
- Idem and Naithe, *Adhunik Europe ke Jhag (1914-2000)*, Jee Prakashan Mandir, Jaipur, 2000
- James Hill, *Europe 1870-20*, Hindi Madhyam Kayamrat Jididshahara, University of Delhi, 1991
- Norman Leys, *Measuring Modern World History*, Sanchita, 2005
- Parthasarathi Gupta (ed), *Europe ke Jhag*, University of Delhi, 1995
- Roger Barnett, *Parsons: A History*, Eastern Mirror, 2003
- Rooh Mahajan, *Devendra Singh ke Jhag ke Jhag: A History*, Vol. I & II, Delhi University

M.A. History, CBCS, Semester-II
Marks: 70 (ESUE), 30 (SIA)
Credits: 3

Core Course-2

Women in Indian History

Unit 1: Survey of Approaches

- a) Liberal b) Marxist c) Radical

Unit 2: Religion and Women

- a. Brahminical
- b. Buddhism
- c. Islam
- d. Christianity

Unit 3: Customary and Legal Status

- a. Ancient India
- b. Medieval India
- c. Colonial India
- d. Post-Independent India

Unit 4: Education and Women

- a. Ancient India
- b. Medieval India
- c. Colonial India
- d. Post-Independent India

Unit 5: Political Participation of women

- a. Gandhian Satyagrah
- b. Revolutionary Movements

Suggested Readings

- A. B. Alkazi, *The Position of Women in Hindu Civilization*, Madras University, 2003
C. Beale, *The Women of Ancient India*, London, 1990
Doris Lurie, *The Creation of Personality*, OUP, 1984
Gouldie Fother, *Women in Modern India*, Cambridge University Press, 1989
Gupta, Indu, *Sharda Mehta and Associates: An Ethical, Delhi University, 2008.*
K. Al. Nisani, *The Pioneer: Sharda Paripreksha*, Vaid Prakashan, 2010
Kumkum Bhat (ed), *Women in Early Indian Societies*, Mumbai, New Delhi, 2007
Rajita Khanna, *The Jangama of Andhra, 1890-1990*, Vaid Prakashan, 2010
Rajita Arya, Nirvaha Mehta, Zoya Luqman (ed.), *Parivartit Agrari*, Delhi University, 2001.

M.A. History, CBCS, Semester-II
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-6

History of Jharkhand up to A.D. 1947

Unit 1: Jharkhand in Pre-historic Age

- a. Palaeolithic, Mesolithic and Neolithic Sites and Tools

Unit 2: Early History of Jharkhand

- a. Settlement of Tribes in Jharkhand
- b. Early Farming Communities, Tribes and Non Tribes

Unit 3: Tribal Administration

- a. Village Administration: Panch Panchayat, Mucki Mucka, Pargana/ Mucka System

Unit 4: Political Formation and the Emergence of the State in Jharkhand

- a. Nagvanshi Dynasty, Singh Dynasty, Chero Raj
- b. Turko-Afghans in Jharkhand
- c. Mughals in Jharkhand

Unit 5: Tribal Revolts and Movements

- a. Ho Revolt (1800-21), Kol Revolt (1817-37), Santal Revolt (1831-56)
- b. 1857-58 in Jharkhand
- c. Birsa Movement, Tana Bhagat Movement

Suggested Readings:

Ashoka Kumar Sen, *Indigenism, Leadership and History: Atribal Sociopolitical in India*, Routledge, London, NY, 2017

Ashoka Kumar Sen, *From Village Elder to British Judge*, Orient Blackswan, 2012

Ashoka Kumar Sen, *Representing Tribe*, Concept Publishing Company, 2011

B. V. Chitambar, *Jharkhand: Tribal and Social Structure*, Patna, 2005

B. V. Chitambar, *The Nagvanshis and Cheros*, New Delhi, 1972

D. H. Morgan, *A Tribe in Transition: Study in Cultural Change*, Calcutta, 1937

Jyoti Mishra, *The Tribal Question: Issues of Land, Forest and Livelihood*, Orient Blackswan, 2012

K. S. Singh, *Tribal Society in Indian History*, New Delhi, 1985

K. S. Singh, *Tribal Movements in India*, 2 vols, New Delhi, 1982

M. Saha, *Eastern India in British Rule*, Calcutta, 1952

Evolution and Growth of Jharkhand (eds), *Jharkhand Encyclopedia*, 4 vols, Vaidya Publications, 2008

Shankar Das Gupta, *Indians and the Raj*, Orient Blackswan, 2011

Shree Chandra Ray, *The Munda and their Country*, Catholic Press, Ranchi, 2nd reprint 1992

Shree Chandra Ray, *The Growth of the Chota Nagpur*, Catholic Press, Ranchi, 1953

M.A. History, CBCS, Semester-III
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course – I

World since Second World War

Unit 1: New Political Order

- a. Decolonization in Asia and
- b. Decolonization in Africa
- c. Communist Revolution in China

Unit 2: Cold War and its Effects

- a. Ideological and Political Basis of Cold war
- b. Historical Context of the Non-Aligned Movement

Unit 3: The Concept of World Peace

- a. Origin and Establishment of UNO
- b. Role of UNO in Palestine, Vietnam War

Unit 4: Age of Progress: Economic and Social

- a. Science and Technology
- b. Civil Rights Movement, Apartheid and Feminism

Unit 5: From Bipolar to Unipolar World

- a. Disintegration of Soviet Block and the End of the Cold War; Impact on World Politics
- b. Globalization-Its Economic and Political Impact

Suggested Readings

- Ajay Prasad Jha, *Politics in India*, Universal Publishers, 2011
- Dilipkumar Bhattacharya, *Advanced Politics*, Orient Books, 2004
- D. Palmer, *The Cold War: An International History*, 1996
- Hariharaiah Sharma, *Advanced Politics*, Malik Ji Company, Delhi, 2009
- T. Robert Wags, *Europe Since 1945: A Concise History*, Palgrave Macmillan, 2008
- Jain and Mehta, *Advanced Politics in India (1950-2010)*, Jain Prakashan, Mehsi, Jaipur, 2010
- John Lewis Gaddis, *We Now Know: Understanding the Cold War History*, OUP, 1967
- Joseph Wright, *Globalization and its Discontents*, Penguin, 2003
- K. Nagari, S.L. Nagari, *Politics in Contemporary India*, Universal Publishers, 2009
- H. Jaffar, *Asia: The Making of Independence*, 1981
- Oshichanski, *Japan: Globalization: A Short History*, Palgrave University Press, 2007
- Pradyumn Vidyadhar, *Advanced Politics in India*, Sri Sarwanand Jaisan, Mehsi, 1992
- W.M. Spellman, *A Concise History of the World since 1945*, Palgrave Macmillan, 2008

M.A. History, CBCS, Semester-III
Marks: 70 (ESE), 30 (SLA)
Credits: 3

Core Course-8

Medieval Islamic World

Unit 1: Islamic World

- a. Rise of Islam, Social and Political Background
- b. Constitution of Medina

Unit 2: Islamic State and Society under Early Caliphate

- a. Abu Bakr, Umar, Uthman, Ali, Fatima

Unit 3: Umayyads and Abbassids

- a. State and Society under the Umayyads
- b. State and Society under the Abbassids

Unit 4: Economy

- a. Trade and Trade Routes
- b. Revenue Administration

Unit 5: Cultural, Scientific and Intellectual Contributions

- a. Art and Architecture
- b. Language and Literature
- c. Medicine, Mathematics, Astronomy
- d. Cosmics, Tactics, Calligraphy

Suggested Readings:

Agate, Ali. *Engines: Islam As Empire and Faith*. Faber and Faber, 2009

Clare F. Robinson. *Islamic Manuscripts*. Cambridge University Press, 2010

Encyclopaedia of Islam, 1993-2004, 12 vols. EJ Brill, Leiden

Francis Robinson. *Islam and Muslim History in South Asia*. OUP

G.S. Grousset. *Imperial Islam*. Chicago, 1946

Jan-Peter Hartig and Albert Frenn (eds). *Court Culture in the Muslim World*. Farnham, 2011

Kulsum Prasad. *Sahih*. *Islamic Calligraphy and Texts*. Asian Youth Centre Academy, Patna, 2002

Patricia Crone. *Muslim Trade and the Rise of Islam*. Oxford Press, 2004

E. D. Geertz. *Studies in Islamic History and Civilization*, 1946

T.W. Arnold. *The Preaching of Islam*, revised Edition, 1913

Wael B. Hallaq. *The Origins and Evolution of Islamic Law*. Cambridge University Press, 1994

M.A. History, CBCS, Semester-III
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-0

Indian Historiography

Unit 1: Approaches

- Orientalist, Imperialist, Nationalist, Marxist, Subaltern

Unit 2: Tradition of Historical Writing in Ancient India

- Jñāna-Purāṇa Tradition
- Buddhist Historiography
- Jain Historiography
- Brahmīn

Unit 3: Medieval India: Broad Trends in the Writings of

- Kāfiya
- Ziā-ud-dīn Baranī
- Abū Fazl
- Ahmad Qasim Khan

Unit 4: Colonial and Post-Independent India: Broad Trends in the Writings of

- K.P. Jayaswal, D.D. Kosambi
- Jayaswal Sukar, Mohanlal Halder
- R.C. Dutt, Bhanu Chandra

Suggested Readings

- A. K. Wadia, *An Introduction to Indian Historiography*, Popular Prakashan, Bombay, 1973
B. N. Puri, *Ancient Indian Historiography*, Anand Press & Sons, Delhi, 1994
C. H. Philips (ed), *Historians of India, Pakistan and Ceylon*, OUP, 1991
Devakant, *Texts in Indian Historiography*, Delhi, 1986
E. Sreedharan, *A Textbook of Historiography, 700 BC to AD 2000*, Orient Blackswan, 2004
E. Sreedharan, *From Left to EP Party*, Orient Blackswan, 2011
G. P. Singh, *Ancient Indian Historiography: Sources and Interpretations*, D. K. Postcard, 2002
Harshad Mukhia, *Historians and Historiography during the Reign of Akbar*, New Delhi, 1978
Hirshanker Dattaraja, *Historians, Scholars and Indian Letters, 1200-1400*, Varanasi Prakashan, 2007
Mubashir Hasan (ed), *Historians of Modern India*, New Delhi, Vikas, 1992
Prakash Shrivastav, *From the Subaltern*, Varanasi, 2003
S. K. Mukhopadhyaya, *Evolution of Historiography in Modern India*, Calcutta, 1981
Shashi Bhanu, *Historiography: Sources and Indian Letters*, Varanasi

M.A. History, EC-2, CSOS, Semester-III

Marks: 70 (ESSE), 30 (SEA)

Credits: 5

Elective Course –2 (GE)

History of Science, Technology and Medicine in India

Unit I: Science, Technology and Society

- a. Definition of Science and Technology
- b. Interaction of Science, Technology and Society

Unit II: Science and Technology in Ancient India

- a. Technology in the Indus Valley Civilization and the Vedic Period
- b. Developments in Science and Technology from A.D. 1st century to A.D. 1200
- c. Developments in Astronomy: Aryabhatta, Varahmihira and Bhaskara I
- d. Development in Medicine and Surgery: Charaka and Sushruta Samhita

Unit III: Science and Technology in Medieval India

- a. New Developments in Technology: Ferris Wheel, Gun Powder, Paper Manufacturing, Textiles, Building Technology, etc
- b. Development in Medical Knowledge and Introduction of Unani, Ayurveda and Alchemy
- c. Astronomy and Mathematics in Medieval India

Unit IV: Science and Technology in Colonial India

- a. Impact of Western Science and Technology on Indian Society
- b. Technical Education in British India: Establishment of Engineering and Medical Colleges and Institutes; Teaching of Science Subjects in Universities
- c. Establishment of Tata Iron and Steel Company (TISCO) at Jamshedpur: A Brief Review

Suggested Readings

A. K. Bag, *History of Technology in India*, 4 vols, Indian National Science Academy, New Delhi, 1987

A. Palanis, *History of Indian Science, Technology and Culture*, DCP, 1998

A. Roy and S. K. Bagchi (eds), *Technology in Ancient and Medieval India*, Delhi, 1988

B. Pan and M. Hanson, *The Social History of Health and Medicine in Colonial India*, Pondicherry, 2008

David Arnold, *Aspects of Health and Disease in Colonial India*, *The New Cambridge History of India*, Vol. III, Pt. 1, Cambridge University Press, 2006

D. D. Chatterjee, *History of Science and Technology in Ancient India: The Beginning*, 1988

Deepak Kumar, *Physic for Bharat mah agraah Jag* (1979-2007), Ganga Books, New Delhi, 1998

Deepak Kumar (ed), *Divya and Medicine in India: A Historical Overview*, Tibba, 2001

Deepak Kumar and E. Macleod (eds), *Physic for Bharat mah agraah Jag*, Ganga Books, 2008

Irfan Habib, *Medieval Technology: Exchange Between India and the Islamic World*, Aligarh, 1983

M. Elert, *History of Science and Technology in Ancient India*, Cyber Text Publications, 2008

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-10

Special Paper (Group-A)

Economic Life in India up to c. AD 1200

Unit 1: Vedic Economy

- a. Early Vedic Economy
- b. Later Vedic Economy

Unit 2: Economy: Mauryan to Gupta

- a. Mauryan Economy
- b. Kushana Economy
- c. Gupta Economy

Unit 3: Economy in post Gupta Period

- a. Principles of Taxation, Income and Expenditure of State
- b. Guild System
- c. Land Ownership
- d. Irrigation System

Unit 4: Trade and Commerce

- a. Trade and Trade Routes: Internal and Foreign Trade
- b. Traders and Merchants
- c. Credit and Banking System
- d. Coins and Exchange

Suggested Readings:

B. P. Sinha (ed), *Land System and Rural Society in Early India: Studies in Early Indian Society*,
Madurai, 1977

B. P. Sinha, *Art and Social Change in Early India*, OER, 2007

B. P. Sinha, *Evolution and Society in Early India*, New Delhi, 1992

B. S. Sharma, *Pravartanā Shilpa Ka, Karmika aur Sampradāyika: Hindū Mātṛkām Kāyasthāna Vāchāsāly*,
Delhi University, 2000

B. S. Sharma, *Ancient Culture and Social Formations in Ancient India*, Madurai, 1981

K. Champakalakshmi, *Trade, Shipping and Colonization: South India, 400BC to AD 1000*, Delhi, 1994

Shyam Sundar Nigam, *Economic Organization in Ancient India*, Shastriyan Mandirika, 1971

Uma Chatterjee, *Trade and Traders in Early Indian Society*, New Delhi, 2007

Lal Singh Negi, *The Economic Life in Northern India c. AD 700-1200*, Madurai, Madurai, 1998

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-10
Special Paper (Group-B)
Economic Life in India c. AD 1200-1757

Section – A (Economic under Delhi Sultanate)

Unit 1: Agriculture and Agrarian Sector

- a. Cultivation and Irrigation
- b. Agricultural Production: Food and Non-Food Items
- c. Land Revenue System: The Iqta System

Unit 2: Towns, Crafts and Commerce

- a. Growth and Expansion of Urban Centres and Urbanism
- b. Crafts Production: Spinning Wheel (Charhi), Persian Wheel (Rahi), Treadles, Sericulture (Production of silk), Carpet Weaving, Paper Manufacturing, Brass Utensils, Building Industry
- c. Internal and Foreign Trade

Section – B (Economic under Mughal Empire)

Unit 3: Agriculture and Agrarian Sector

- a. Cultivation and Irrigation
- b. Food and Non-Food Crops: Introduction of Tobacco, Maize and Capesims in India
- c. Mughal Land Revenue System

Unit 4: Trade and Commerce

- a. Internal and Foreign Trade: Role of the European Companies in Indian Ocean Trade
- b. Money and Credit: Sarraf (Money-Changer), Murad (Bills of Exchange), Dima (Insurance)
- c. Britainy under Vijayanagar Empire: Agriculture, Trade and Commerce

Suggested Readings:

- H.K. Majumdar, *Urban Centres and Industries Under Delhi, 1312-1519*, Bombay, 1966
Irfan Habib, *The Economic History of Mughal India: A Survey*, Delhi, 2001
Irfan Habib, *Agrarian System of Mughal India 1519-1707*, revised edition, OUP, 2006
Irfan Habib (ed), *The Cambridge Economic History of India*, Vol. 1: c. 1200-1750, Oxford University Press, 2002
H. Mital Hasan, *Peasants as Agrarian Revolution in Mughal India*, New Delhi, 1973
T.H. Marshall, *From Akbar to Aurangzeb: A Study in Economic History*, Lucknow, 1921
W.H. Moreland, *India at the Death of Akbar: An Economic Study*, London, 1920

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-10
(Special Paper Group-C)

Economic Life in India c. AD 1757-1947

Unit 1: Indian Economy in the Middle of the 18th Century

- a. The English East India Company and its Rule in Bengal
- b. The Drain of Wealth: Mechanisms, Effects
- c. Indian Crafts and Trade

Unit 2: The Agrarian Economy down to 1857

- a. The Permanent Settlement: Effects on Zamindars and Peasants
- b. The Ryotwari and the Mahalwari Systems

Unit 3: Trade and Commerce

- a. Internal Trade
- b. Rise of Opium Trade and its Significance

Unit 4: The Railways and Indian Economy

- a. Economic and Political Factors behind Railway Construction
- b. Economic Consequences of Railways

Unit 5: Rise of Modern Indian Industries

- a. Jute and Cotton Textile Industries
- b. Coal Industry
- c. Iron and Steel Industries, Tata Iron and Steel Company in Jamshedpur

Suggested Readings:

- A.J. Baines, *Private Enterprise in India 1800-1850*, OUP, 1972
E.B. Chatterjee, *Growth of Commercial Agriculture in Bengal 1757-1850*, Calcutta, 1994
Bridget Deen (ed.), *The Making of Agrarian Policy in British India 1757-1850*, OUP, 1992
Ajaya Mallick (ed.), *Trade and Finance in Colonial India 1757-1850*, OUP, 1997
Dharma Kumar, *The Cambridge Economic History of India*, Vol. II, Oxford University, 2003
K.L. Puri et al (eds.), *Commercialisation of Indian Agriculture*, OUP, 1985
Rama(II) Ojha, *A Rule of Property in Bengal*, OUP University Press, 1962
Jagdish Bhattacharya, *Adaptation to a world of Iron*, Tata, 2014
Tirthankar Ray, *The Economic History of India 1817-1947*, OUP, 2004
Vijay Bell, *The Making of the Indian Working Class: The Case of the Tata Iron and Steel Company, 1850-1947*, Sage Publications, London, 1982

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-11
Special Paper (Group-A)
Society and Culture in India up to c. AD 1200

Unit 1: Ancient Indian Society

- a. Varna System
- b. Position of Brahmanas

Unit 2: Emergence of Caste System

- a. Origin and Growth of Caste
- b. Position of Shudras; Untouchability

Unit 3: Social Institutions

- a. Ashrama System, Purochithas, Samikaras
- b. Marriage and Family Life

Unit 4: Religious Movements

- a. Jainism
- b. Buddhism
- c. Vaishnavism

Unit 5: Education in Ancient India

- a. Sanskrit Education, Gurukul System
- b. Buddhist Centers of Education

Suggested Readings:

A. L. Basham, *A Cultural History of India*, Oxford University Press, 1975

A. L. Basham, *A Wonder that was India*, New Delhi, 1954

B. N. Chakravarti, *Social Life in Northern India (AD 600-1200)*, Munshiram Manoharlal, 1966

B.D. Chattopadhyay, *The Making of Early Medieval India*, OUP, 1984

D.D. Kosambi, *Practical History of Ancient and Medieval India and Regional Studies*

D.J. Ris, K.M. Jha (ed), *Practical History for India*, Delhi University, 2007

R.L. Ganes, *Practical History for India and its Regions*, Jagan Mohan Education, 2014

Binodini Dasgupta, *Cultural Past: Kings in Early Indian History*, OUP, 2006

D.N. Chatterji, *Studies in Indian History and Culture*, Orient Longman, 1962

Upinder Singh, *A History of Ancient and Early Medieval India: From Stone Age to the 12th Century*, Pearson, 2008

Upinder Singh, *Maya's Land, Ancient India*, New Rational, OUP, 2013

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-11
Special Paper (Group-B)
Society and Culture in India c. AD 1200-1757

Unit 1: Structure of Rural Society:

- a. Composition and Stratification of Rural Society, Village Community.

Unit 2: Structure of Urban Society

- a. Composition of Urban Society, Classes and Communities.

Unit 3: Bhakti and Sufi Movement

- a. Bhakti Movement in North and South India: Ramananda, Kabir, Datta, Guru Nanak, Chaitanya, Tulsidas, Saint Gyanadev and Saint Tukaram.
- b. Origin and Growth of Sufi Orders: Chisti, Suhrawardi, Qadiri, Naqshbandi and Firdausi.

Unit 4: Education and Learning

- a. Hindu System of Education and Learning.
- b. Muslim System of Education and Learning.

Unit 5: Sultanate and Mughal Art and Architecture

- a. Khajuri and Tughlaq.
- b. Mughal Architecture: Akbar and Shahjahan.
- c. Mughal and Rajput Paintings.

Suggested Readings:

- A. Bakshi, *Society and Culture in Medieval India*, Calcutta, 1989.
- B. Singh, *Indian State: Tradition and New Order*, Lucknow, 1992.
- Krishna Mishra, *The Mughals of India*, Blackwell Publishing, 2005.
- Francesca Cottrell (ed.), *Before the Deceit: Mind and Oral Literacy*, Culture, Orient Blackswan, 2008.
- India State, *Medieval India: The Study of a Civilization*, National Book Trust, 2008.
- M. A. Nazam, *Religion and Politics in India during the Islamic Period*, Aligarh, 1992.
- M.M. Jinnah, *The Jungles of Empire: A Political and Cultural History*, Karachi, 1972.
- H. R. Farooq, *Medieval India: Empire as Culture, Diplomacy and Economy*, Aligarh, 2007.
- F. Stern, *Indian Architecture*, Oxford Periodic, London, 1971.
- F. Stern, *Indian Painting under the Mughals*, New York, 1971.
- R.S. Chopra, *Some Aspects of Social Life during the Mughal Age (1526-1707)*, Nagpur, 1949.
- R.S. Chha, *Some Aspects of North Indian Social Life (1526-1707)*, Gwalior, 1981.
- D.A. Rizvi, *The Mughals in India II: 1526-1707*, Hyderabad, 1987.
- E. Muzil Hasan, *Religion, State and Society in Medieval India*, OUP, 2011.

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Core Course-11
Special Paper (Group-C)

Society and Culture in India c. AD 1757-1950

Unit 1: British Understanding of Indian Society

- a. Orientalist
- b. Utilitarian
- c. Evangelical

Unit 2: Social Policies of British India

- a. Social Policies of East India Company
- b. Education - Indigenous and Modern

Unit 3: Social Movement

- a. Brahma Samaj, Arya Samaj
- b. Theosophical Society and Annie Besant

Unit 4: Social and Cultural Change

- a. Mahatma Gandhi's Programme of Social Upliftment, Marginal Movement, B.R. Ambedkar
- b. Emerging Social Classes: Rise and Growth of the Middle Classes
- c. Press and Public Opinion
- d. Language and Literature

Suggested Readings:

- B.T. McCully, *English Education and the Origin of Indian Nationalism*, Free Press, 1968
- Barun Das (ed), *Waves of India: Colonial and Post-colonial Periods*, Sage Publications, 2005
- C.M. Binnandi, *Indian Nationalism and Aesthetic Social Reform*, Nazim University Press, 1999
- D. Roy, *The Brahmin Class and the Shaping of the Modern India*, Mittal Publications, 2013
- Daniel Thorner, *The Shaping of Modern India*, New Delhi, 1982
- Francesca Orlandi, *Print and Pleasure: Popular Literature and Emerging Periodicals in Colonial West India*, Permanent Black, Delhi, 2008
- Indira Agha (ed), *Modernization and Social Change among Muslims in India*, Siddhant, 1983
- L. Kishor and V. Mahapatra, *Revolution in History and Indian Nationalism*, Vikas, 2011
- Radhika Kumar, *The Congress Era 1885-1947*, Tara Publications, 2016
- Ramchandra Gupta, *The Ujwal World: Ecological Change and Peasant Resistance in the Strategic Delhi*, 1989
- B. C. Ghosh, *History of Education in Modern India: 1775-1947*, Orient Longman, Hyderabad, 1995
- Sudhanu Sarkar, *On the Bengal Renaissance*, Papyrus, Calcutta, 1978

M.A. History, CBCS, Semester-IV
Marks: 70 (ESUE), 30 (SLA)
Credits: 3

Elective Course – I (EC)

State in Ancient India

Unit 1: Transition from Tribe to State

- a. Sabha and Samiti in Vedic Period: Formation and Working
- b. Emergence of the Territorial State

Unit 2: Origin of the State

- a. Social Contract Theory
- b. Divine Theory of State

Unit 3: The Mauryan State

- a. Socio-economic Basis of the Mauryan State
- b. The Kautilyan Concept of State
- c. The Saptaang Theory
- d. The Mauryan Administration: Centre, Province and City

Unit 4: The Gupta State

- a. Nature and Socio-Economic Basis of the State
- b. Administrative Organization

Unit 5: Emergence of the State in South India:

- a. State under the Satavahanas
- b. State under the Cholas

Suggested Readings:

- A.S. Altekar, *State and Government in Ancient India*, World Universities, 1999
- Charles Dikshitar, *Empire and Community in Early India*, OUP, 1992
- G.D. Khosla, *An Introduction to the Study of Indian History*, Eastern, 1935
- G.M. Hegdesh-Caria, *Mauryan India*, Delhi, 1981
- Jahar M. Upadhyay, *Political Theory of Ancient India*, OUP, 1999
- K.A. Nilakanta Sastri, *The Age of the Mauryas and Mauryan*, Delhi, 1967
- L. Kradin, *The Formation of the State*, London, 1985
- Krishna Kuy, *The Emergence of Monarchy in Early India*, OUP, 1999
- F.S. Sharma, *Aspects of Political Ideas and Institutions in Ancient India* (Madras, 1999)
- Emile Durkheim, *From Lineage to State*, OUP, 1991
- Shriya Mahapatra, *The Republican Trends in Ancient India*, New Delhi, 1999
- Udayar Singh, *Harappan Culture*, Ancient India New Research, OUP, 2008



NETAJI SUBHAS UNIVERSITY

ECHE Under Jharkhand State Private University Act, 2018

SYLLABUS FOR MASTER OF ARTS ECONOMICS 2020 ONWARDS

SEMESTER 1

PAPER NO	CODE	TITLE	MARKS
PAPER 1	ECO101	MICRO-ECONOMICS ANALYSIS	20+70=100
PAPER 2	ECO102	MACRO-ECONOMICS	20+70=100
PAPER 3	ECO103	ECONOMICS OF ENVIRONMENT	20+70=100
PAPER 4	ECO104	INDUSTRIAL ECONOMICS	20+70=100

SEMESTER 2

PAPER NO	CODE	TITLE	MARKS
PAPER 5	ECO201	ECONOMICS OF SOCIAL SECTOR	20+70=100
PAPER 6	ECO202	MATHEMATICAL ECONOMICS	20+70=100
PAPER 7	ECO203	MONETARY ECONOMICS	20+70=100
PAPER 8	ECO204	PUBLIC FINANCE	20+70=100

SEMESTER 3

PAPER NO	CODE	TITLE	MARKS
PAPER 9	ECO301	JOBT'S SKILL FOR ECONOMIC	20+70=100
PAPER 10	ECO302	INTERNATIONAL TRADE	20+70=100
PAPER 11	ECO303	INDIAN ECONOMICS	20+70=100
PAPER 12	ECO304	ECONOMICS OF GROWTH AND DEVELOPMENT	20+70=100

SEMESTER 4

STUDENTS CAN OPT ONE OF THE TWO ELECTIVE/OPTIONAL GROUP A OR B:

GROUP A :- ADVANCE MATHEMATICAL ECONOMICS AND FINANCIAL INSTITUTIONS AND MARKET

GROUP B :- AGRICULTURAL ECONOMICS AND DEMOGRAPHY

PAPER NO	CODE	TITLE	MARKS
PAPER 13		GROUP A	20+70=100
PAPER 14		GROUP B	20+70=100
PAPER 15	ECO307	HISTORY OF ECONOMIC THOUGHT	20+70=100
PAPER 16	ECO308	PROJECT WORK	20+70=100

SEMESTER 1

PAPER NAME	MICRO ECONOMICS
PAPER CODE	ECC031

Unit I: Consumer Behavior and Demand Analysis

Theories of Demand – utility, indifference curve, income and substitution effects, Slutsky theorem, compensated demand curve, and their applications: indirect utility, demand functions (Hicksian and Marshallian), Slutsky price, cross-income of demand and elasticity of supply, Revealed Preference theory, Revision of demand theory by Hicks, Consumer's Surplus.

Unit II: Theory of Production and Cost

Marginal productivity, rate of technical substitution, elasticity of input substitution, Production function – short period and long period, Law of Variable Proportion and Returns to Scale, isoquants, least cost combination of inputs, isoquants, isoquants, Returns to factors, Economies of Scale and scope, Learning curve, Multiproduct Firm, Cost-Douglas, CES, Translog and Modern theories of cost.

Unit III: Market Analysis, Price & Output Determination

Oligopoly with fixed number of firms, traditional models of oligopoly (Cournot, Bertrand, Bertrand, Edgeworth, Chamberlain, kinked demand curve) and collusive (Cartels, and Margins, Price leadership, and tacit cartels price system) Product differentiation, Source of Externalities, Solution to the externalities problems (attributed of public goods, pricing of public goods) Monopolistic Competition, general and Chamberlain approaches to equilibrium, equilibrium of the firm and the group with product differentiation and selling cost, excess capacity under Monopolistic competition, criticism of Monopolistic Competition, Price and output determination under Monopoly and bilateral Monopoly, imperfect Competition Structure, Conduct and performance norms.

Basic Reading List:

B.L. Anuj, Microeconomics

Sulpan Maheswari, Microeconomics

Blair, William J. (1972), *Micro Economic Theory*, McGraw-Hill, Tokyo/India and

Kaufmann, A. (1978), *Modern Micro Economics*, MacMillan Press Ltd, London.

Sarkar, Gopinath (2002), *Micro Economics*, Oxford University Press, New Delhi

Stinner, Alfred W. and Douglas, Nigel (2002), *A Textbook of Economic*

Theory, Pearson Education.

Hale A. Varian, *Microeconomic Analysis*, 3rd Edition, Norton & Company, London

Samuelson and Nordhaus, *Economics*, 17th Edition, McGraw-Hill, 127, Boston, Massachusetts.

PAPER NAME:	MACRO ECONOMICS
PAPER CODE:	ECO102

Unit I: National Income

Circular flow of income in two, three and four sector economy; Different forms of National Income Accounting- Social Accounting, Input-Output Accounting, Flow of Funds Accounting and Balance of Payments Accounting.

Unit II: Consumption Function

Absolute Income Hypothesis, Relative Income Hypothesis, Permanent Income and Life Cycle Hypothesis, Consumption under Uncertainty - Modern approach

Unit III: Investment Function

Keynesian Approach, Accelerator Theory, Neo-Classical Theory of Investment, Tobin's Q Theory of Investment.

Unit IV: IS - LM Model

New Classical and Keynesian views on Interest rate IS-LM Model, Extension of IS-LM Model Government Sector, Relative effectiveness of monetary and fiscal policies, Extension of IS-LM Model with labour market and factor prices.

Unit V: Trade Cycle Theories

Accelerator - Multiplier Interaction Model, Theories of Samuelson, Kaldor, Samuelson and Modigliani Investment and savings, Control of business cycle - Relative efficacy of monetary and Fiscal policies.

Basic reading list

Adler, S. / 2016, Macroeconomics: Theory and Policy, Mumbai, New Age
 Gupta, Sunil / 2008, Monetary Banking for India, Calcutta: Eastern
 New Delhi
 Harris, Monetary Theory, McGraw-Hill Publications

PAPER NAME	ECONOMICS OF ENVIRONMENT
PAPER CODE	ECC-03

UNIT I:

Economics of Natural Resources: Sustainable Development and Environmental Accounting: Meaning and Characteristics of Environmental Goods: Theories of Optimal Use of exhaustible and renewable resources: Environmental and Development trade – off and the concept of sustainable development: Integrated environmental and economic accounting and the measurement of environmentally corrected GDP: Macroeconomic policies and Environment: Environmenta: Kuznets Curve: The Theory of Environmental Externalities: Pigouvian Taxes and subsidies: Coase's Property rights and collective action: New model of pollution control: Environmental Regulations and Enforcement

UNIT II:

Measurement of Environmental Values: Rationales for valuation of environment: concept of Total Economic Value: Direct and indirect methods of valuation: Methods based on responses to hypothetical markets: Contingent valuation methods: Travel Cost method: Hedonic Pricing Method

UNIT III:

Environmental and Natural Resource Problems and Policies in India
 Mechanism for environment regulation in India: Environmental law and their implementation: National Environmental Policy: Water Policy: Forest Conservation Act: Forest Regulation Act, 1970 and environment: Climate change and International Agreements

Basic reading list

- Economics of Environment: Robert N. Stavins & Bhattacharya
 R.N. (2008): Environmental Economics: An Indian Perspective, Oxford University Press, New York.
 Oivan Swart and Armin Rahnfeldt (2008): Environmental Law and Policy in India, Cases, Materials and Statutes, Oxford University Press, New York.
 Gargan-Lynch, V.S. (2008) Environmental Economics in India, New Century Publications, New Delhi, India.
 Sarkar, Jagdish (2008) Environmental Economics, Oxford University Press, New York

PAPER CODE
PAPER NAME

ECG184
INDUSTRIAL ECONOMICS

UNIT 1: Introduction

Industrial economics- Meaning, Nature and scope. Concept and organization of the firm, ownership, control and objective of the firm, passive and active behaviour of the firm.

UNIT 2 - Market Structure

Seller's concentration, Product differentiation, Entry conditions, Economies of scale, Market structure and profitability, market structure and innovation

Theories of Industrial location - Weber and Sargent Florence, Factors affecting location

UNIT 3: Liberalization, Privatisation in India

New Economic Policy of 1991, MNCs and transfer of technology, Industrial economic concentration and remedial measures, Issues in industrial proliferation and environmental preservation

Unit 4- Market Conduct

Product pricing- theories and evidence, Investment expenditure- Theories and empirical evidence, Merger and Diversification, Market Performance- Growth, Size, and Profitability of the firm

UNIT 5- Industrial Finance

Industrial finance- Owned, External and other components of funds, Nature, volume and types of Industrial Finance- State Level Financial Institutions and Commercial Banks, Industrial Finance in India.

Basic Reading List:

1. Sampat Mukherjee, Industrial economics
2. R.R. Sanyal, Industrial Economics

SEMESTER 2

PAPER NAME	ECONOMICS OF SOCIAL SECTOR
PAPER CODE	ECOS21

UNIT I

Education: Education as public goods, Education as an instrument of economic growth.

Women's Education, Recent trends in Women Education, Committees and Commission on Education, Adult Literacy and Non Formal Education for economic development

UNIT II

Economics of Education - Human Capital Vs Physical Capital-Demand for Education - Private Demand and Social Demand, determinants of demand for education, costs of education, private costs and social costs, Wages and Salaries in education, Benefits of education - Private and Social benefits.

UNIT III

Economics of Health - Health dimensions of development-Determinants of health-society, malnutrition and environmental issues, Economic structure of health care - demand and supply of health care, Financing of health care and resource constraints in health care and its delivery, Inequalities in health care and gender perspectives, institutional issues in health care delivery, Public expenditure on health in India, Health status of women in India, mortality and morbidity factors influencing health and nutrition.

UNIT IV

Resource Mobilisation in Education, Financing problem in education, role of grants and subsidies, effects of education, ability and family background on earnings, poverty and income distribution effects of educational grants and subsidies on income distribution and employment, public expenditure on education in India, Educational planning in developing countries with special emphasis on India.

UNIT V

Development Policy in India- Gender Analysis framework, Gender Mainstreaming and Gender Budgeting, Analyzing Policy and Programmes, Gender blind Gender Inequal and Gender Redistributive Policy, Women's education - gender bias in enrolment, drop-outs, Information Technology - Impact on women's development, sustainable development and impact on women, Health status of women in India - Mortality and morbidity factors influencing health and nutrition, Occupational and Women in India.

Basic reading list:

Arya P.P. and B.B. Pandey (Eds) (2004) - Human Resource Development, Deep & Deep Pub. New Delhi.
Dasg, S.L. and P.N. Sahaian (2005) - Human Resource Development in the 21st century, Texts and case studies, Deep & Deep Pub. New Delhi.
Heger, Gerald H., and James E. Rauch (2005) - Leading issues in economic development, Oxford Univ. Press, New York, Toronto.
Michael P and Stephen C. Smith (2005) - Economic Development, Pearson Education Ltd.
World Development Report (World Bank) Human Development Report (UNDP)

PAPER NAME	MATHEMATICAL ECONOMICS
PAPER CODE	EC003

Unit I: Review of Concepts

Review of Concepts: The Concepts of Sets, Real Number System, Use of Graphs, Linear Equations and Inequalities; Power of Number; Logarithms and their Properties; Economic Problems

Unit II: Differential Calculus

Limits of Functions, Continuity at a point, Derivatives and Interval; Rules of Differentiation including Product, Quotient and Chain Rule; Derivatives of implicit functions, Partial Derivatives; Maxima and Minima; Economic Applications of Differentiation;

Unit III: Integration

Techniques of Integration: Definite integrals; The relation between Average and Marginal Concepts; Consumer's and Producer's Surplus;

Unit IV: Matrix and Determinants

Elementary operations of Addition, Multiplication of Matrices etc; Transpose and Inverse of Matrices; Rank of Matrix;

Unit V: Input-Output Analysis

Input-Output analysis; the simple closed and open model; Concepts and measurements;

Unit VI: Linear Programming

Basic Concepts of Linear Programming setting up of problem; Linear constraints; solution by Graphical Method;

Basic Reading List

- Chiang, A.C. and Wainwright, (2005, 4th Edition) Fundamental Methods of Mathematical Economics, McGraw-Hill, New York
- Allan, R.S.O. (2011), Mathematical analysis for Economists, A.T.E.S. Publishers, India
- Singh, G. and Mittal, G.C., Mathematical for Economists, Suresh and Sons Publication, New Delhi.

PAPER NAME	MONETARY ECONOMICS
PAPER CODE	EC005

UNIT-I

Money Supply: Theoretical and Empirical Attempts to Define Money, Balance sheet of a Central Bank and Components of Money Supply, Money Creation by the Banking System, High Powered Money and Money Multiplier, Measures of Money Supply and Liquidity in India, Demand for Money, interest sensitivity of demand for money: A review of Classical, Keynesian and Monetarist theories of demand for Money, Empirical attempts to estimate demand for money function.

UNIT-II

Term Structure of Interest Rates: The Expectations Theory, Liquidity Premium Theory, Market Segmented Theory, Preferred Habitat Theory, Structure of Interest Rates in India, Monetary Policy Targets, Goals and the Trade Offs among Alternative Goals, Lags in Operation, Keynesian and Monetarist Views of Transmission Mechanism, Role of Discretion

UNIT-III

Central Banking: Main Functions, Policy Tools, Recent Monetary Policy of RBI: money aggregates targeting, interest targeting and inflation targeting approaches of RBI, Autonomy of RBI, Commercial Banking: Types of commercial banks in India, Banking Sector Reforms, Major Developments in Commercial Banking in India since reforms (including mergers)

UNIT-IV

Non-Banking Financial Institutions: Role, Growth and Structure of Non-Banking Financial Institutions (NBFI) in India, Types and Control of Non-Banking Financial Companies (NBFC), International Monetary System: IMF as provider of International Liquidity, European Monetary System- Features of the Maastricht Treaty and Post Maastricht Treaty Developments, Components of International money and capital markets

Basic reading list:

- Sargad Khanna, monetary economics
- O.J. Sivak, monetary economics.

PAPER NAME	PUBLIC FINANCE
PAPER CODE	EC0024

UNIT I

Introduction:-Concept, Difference between public and private finance, sources of public finance.

Market Failure and Rationale for Government Intervention, Provision of Private Goods, Public Goods, Social Goods, Merit Goods and Mixed Goods, Public Goods, Pigou's, Inverse Pigou, Social Samulson Condition, Free Rider Problem, Lindahl Solution

UNIT II

Principles of Taxation, Impact and Incidence of Taxes, Concept of Impact and incidence, Theories of Shifting and Incidence Shifting under Different market Conditions.

UNIT III:-

Principle of Fiscal Neutrality, Excess Burden, Corrine Principle of Equity, Benefit Principle, Bowen and Lindahl Principles in Developing Countries, Application of Taxation Principles in Developing Countries, Meaning, Types and Measurement of Taxable Capacity.

UNIT IV:-

Public Expenditure Wagner's Law, Wicksell – Peacock Hypothesis, Fox's Theory of Public Expenditure, Social Cost – Benefit Analysis.

UNIT V:-

Public Debt, Costless, Hayekian and Post – Hayekian Approaches of Public Debt, Burden of Public Debt, Public Debt Management, The Fiscal Responsibility and Budget Management Act, 2003 (FRBMA) and Public debt Management.

UNIT VI:-

Indian Public Finance Fiscal Federalism in India Centre-State financial relations in India Analysis of Central and State Government Budgets, SEI and fiscal federalism, Fiscal Crisis and Fiscal Deficit, Fiscal Reform in India.

India: Contemporary Challenges and Issues Before Eleventh Finance Commission, 2005, Reserve Bank of India, Handbook of Statistics on Indian Economy, (Various Issues)

Basic Reading for

Magrath (Richard) (2003) : Public Finance in Theory and Practice, McGraw-Hill Book Co., New York.

Bushman, J.M. (1975) : The Public Financial, Richard D. Irwin, Homewood.

Gilgh S.K. (1986) : Public Finance in Developed and Developing Countries, S. Dhak and Co. Ltd., New Delhi.

Chelliah R.J. (1971) : Fiscal Policy in Underdeveloped Countries.

Hennysale Rao (2008) : India's Fiscalization – Issues and Policies, New Century Publications, New Delhi.

Atkinson A.B. and J.E. Stiglitz (2001) : Lectures on Public Economics, Tata McGraw Hill, New Delhi.

SEMESTER 3

PAPER NAME	SOFT SKILL FOR ECONOMICS
PAPER CODE	EECS31

UNIT I

Basics of Communication and Effective Communication: Basics of communication, Definition of Communication, Process of Communication, Barriers of Communication, Nonverbal Communication, Effective communication, Johari Window, The Art of Listening, Creativity, Production of Speech, Organization of Speech, Modes of delivery, Conversation Techniques, Unique Good names and Etiquettes

UNIT II

Resume Writing and Interview Skills: Resume Writing: What, Purpose? Types of Resumes: Chronological, Functional and Mixed Resumes, Steps in preparation of Resume, Interview Skills, Common Interview questions, Accurate Body Language, The most interviews, Phone interview, Behavioral interviews.

UNIT III

Group Discussion and Team Building: Group Discussion: Group Discussion Basics, GD Topics for Practice, Points for GD Topics, Case Based and Article Based Group Discussions, Points for Case Studies, and Notes on Current issues for GD, Personal Effectiveness, Self Discovery, Self Esteem, and Goal setting, Conflict and Stress Management.

UNIT IV

Test of Reasoning (Verbal Reasoning: Series Completion, Analogy, Code Sufficiency, Assertion and Reasoning) Logical Deduction, Non-Verbal Reasoning: Series Completion.

Interviews, Training Knowledge Systems: Yes, Mann (2005), Hiring the Best: A Manager's Guide to Effective Interviewing and Recruiting.

Basic Reading list

- Basic Reading list (Approved) R3-2010 Quantitative Aptitude, I. O'and S. Sora.
- Aptitude, R3-2010
- A Modern Approach to Verbal and Non-Verbal Reasoning
- I. O'and S. Sora, Reader 2004

PAPER NAME	International Trade
PAPER CODE	ECOS82

Unit-I

Concept of international trade, difference between interregional and international trade, Gains from trade, Trade as a engine of economic growth

Unit-II

Theories of absolute advantage, comparative advantage and opportunity cost, modern theory of international trade, Theorem of factor price equalization, Empirical testing of the theory of absolute cost and comparative advantage, Offer theory of trade

Unit-III

The Ricardian theorem, concept and policy implications of diminishing growth, Causes of emergency and measurement of intra-industry trade and its impact on developing economies, Concepts of terms of trade, their uses and limitations for less developed countries, Welfare implications - empirical evidence and policy issues.

Unit-IV

The Theory of interventions (Tariffs, Quotas and non-tariff barriers), Economic effects of tariffs and quotas on national income, output, employment, terms of trade, BOP and ECF, Mapping and components of balance of payments, Equilibrium and disequilibrium in the balance, Effects of adverse BOP situation of payments, its remedial measures.

Unit-V

The process of adjustment, gold standard, fixed exchange rates and flexible exchange rates, Expenditure-reducing and expenditure-switching policies and their controls for adjustment, Policies for achieving internal and external equilibrium simultaneously under alternative exchange rate regimes, a critical review of the Adjustment and monetary approach in the theory of balance payment.

Basic reading list

Rhodes, J.N. (ed) : International Trade, Selected Readings, Cambridge University Press
 Kindleberger, International Business, Paul R. Hughes.

Yusuf, A. (ed) : International Economic Theory & Practice, (Pakistan)

Seliger, R.C. (1991) : International Economics, Macmillan Press

PAPER NAME	SOCIAL ECONOMICS
PAPER CODE	EC03B

Unit-I

Features of Indian economy, Nature and Characteristics of Indian economy, Planning objectives and strategies, failures and achievements of plans, Basic economic indicators-National Income, performance of different sectors, Trends in prices and money supply.

Unit-II

Institutional structure, Land-reforms in India, Agriculture, marketing and warehousing, issues in food security - policies for sustainable agriculture, Agricultural finance policy, Agriculture and policy.

Unit-III

Malthusian theory of population, Malthus theory of population, theory of demographic transition, population as 'Limit to Growth' and as 'Ultimate Source', Concepts of Demography- Sex ratio, life tables, composition and age, Measurement of fertility - Total fertility rate, gross and net reproduction rate - Age pyramids, population projection using stationary and quasi-stationary population, Characteristics of Indian population through recent census.

Unit-IV

Financial Sector: Monetary policy of RBI, Money and Capital markets, Growth and problems, Role of commercial banks in India, Banking sector reforms since 1991

Basic reading list:

Mishra S.P.H. | Indian Economy | Himalaya Publishers, New Delhi, 2008.

Rajna Ojha & Subodham | Indian Economy.

S. Chandra Publication Co, New Delhi, 2008 | Human Development Report, United Nations Development Program, New Delhi.

PAPER NAME	ECONOMICS OF GROWTH AND DEVELOPMENT
PAPER CODE	EC004

Unit – I

Sectoral Aspects of development, Importance of agriculture and industry in economic development. Role of institutions – government and markets. Poverty – indicators and measurement.

Unit-II

Trade and development; trade as an engine of growth; mercant analysis, Prebisch, Singer and Myrdal views, gains from trade and LICs. Role of foreign Direct investment (FDI) and Multinational corporations (MNCs) in the emerging scenario.

Unit-III

Object and role of monetary and fiscal policies in economic development. Choice of techniques and appropriate technology, Investment Criteria, Cost-benefit analysis.

Unit-IV

Techniques of planning; Plan Models in India; Planning in a market-oriented economy; Endogenous growth; role of education, research and knowledge – Explanation of Cross country differentials in economic development and growth.

Basic reading list:

Adelman, Theory of Economic of Growth & Development, Oxford Uni. Press, & Sharan, An introduction Development Economics, Allen Lane, J. Robinson, Economic Development, Oxford Wiley, C. P. Kindleberger, Economic Development, McGraw Hill & World, The Economic of Underdeveloped Countries, M. P. Todaro - Economic Development & M. Myrdal, Leading issues, III Economic Development & P. TILAK, Growth & Development, Modern High School Economic Development.

SEMESTER-4

PAPER NAME	ADVANCE MATHEMATICAL ECONOMICS
PAPER CODE	EC245

Unit-I

Cardinal and ordinal utility maximization; Budget constraint; homothetic demand function, income substitution, and price effects; Concept of substitutes; Consumer surplus.

Unit-II

Separable and additive utility functions; homogeneity and homothetic utility functions; nested utility functions; transcendental logarithmic utility functions; duality theorem.

Unit-III

Theory of revealed preference and index numbers; Cheap expenditure systems; Treatment of demand for durable goods; Empirical demand functions; Consumer behaviour under risk and uncertainty.

Unit-IV

Production function - homogeneity and non-homogeneous; Law of input & return to scale; Properties of Cobb-Douglas production function; CES/DES and Translog (TL) production.

Basic reading list:

J.C. Chiang – Fundamentals of Mathematical Economics, Mc Graw-Hill, New York, N.G.D. Mehta – Mathematics for Economists, Mc Millan Press, Tata, Varanasi – Mathematics for Economics – An Elementary Survey, Pratiche hall of India, Pvt. Ltd, New Delhi.

PAPER NAME	Financial Institutions and Markets
PAPER CODE	ECO451

Unit-I

Nature and Role of Financial System and Structure of Interest Rates - Money and Finance-Money and near-money-Financial Intermediation and financial intermediaries - The structure of the financial development

Unit-II

Equilibrium in Financial Markets - Financial System and Economic Development Criteria to evaluate assets - Risk and financial assets, types of risk, return on assets, Risk - Return trade-off - valuation of securities

Unit-III

Theories of interest rate determination - Level of interest rates - Long period and short period rates Term Structure of Interest rates - Theories of interest rate structure - Expectational theory - Segmentation theory, Administered interest rates - International interest rate policy

Unit-IV

Banks, Monetary Policy and Non-Bank Financial Institutions: Functions of Central Bank - The aims and objectives of the monetary policy in developed and developing countries

Basic Reading list

Ackley, G. (1972), Macroeconomics - Theory and Policy, Macmillan, New York; Blackhouse, R. and J. Salami (Eds.) (2002), Macroeconomics and the Real world (2 vols), Oxford University Press, London
 Branson, W.A. (1989), Macroeconomic Theory and Policy, (2nd Edition), Harper and Row, New York
 Domar, A. and F. Stanley (1987), Macroeconomics, McGraw Hill, Inc., New York, Hall, R.E. and J.B. Taylor (1989), Macroeconomics, W.W. Norton, New York; Hayata, S.I. and Y.F. Fundercol (2021), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi; An, P. (2001), Contemporary Macroeconomic Theory and Policy, Wiley Eastern Ltd., New Delhi; Kumar, S.L. (2006), Advanced Macroeconomics, McGraw Hill Company Ltd., New York; Dorf, S.L. (1977), Order, Growth and Inflation, McGraw Hill, New York; Shapiro, S. (1988), Macroeconomic Analysis, Sage Publications, New Delhi; Surjit, H.A.C. (Ed.) (2016), Macroeconomic Themes, Oxford University Press, Oxford

PAPER NAME	AGRICULTURAL ECONOMICS
PAPER CODE	EC-08E

Unit-I

Agricultural Economics and Economic Development: Definition of agricultural Economics: its scope and nature; Regional disparities in Indian agriculture; Differences between agriculture and Industry; Need for a separate study of Agricultural Economics; Agriculture and Economic Development; Role of agriculture in Economic Development; Contribution of industry to the development of agriculture; Interdependence of agriculture and industry.

Unit-II

Approaches in Agriculture Development: Schultz, Meilor, Evenson, Lewis and Ranis-Pa

Unit-III

Economics of Agriculture Production: The Production Function; Factor-Product Relationship; Factor-Factor Relationship; Product-Product Relationship; Equilibrium of the capitalist farm, peasant family farm and share tenant farm.

Unit-IV

Analysis of Farm Management: The Production Function Approach; Farm-budgeting Approach; Measures of Farm Efficiency; Supply responses in agriculture; Size of the farm and Productivity Debate.

Basic Reading list:

Bhaduri, A. (1984), The Economic Structure of backward India, Delhi: Sigram; L.A. (1998), Agriculture Economics, Himalay Publishing House, Delhi; Dasgupta, M.Let. & (1977) Indian Agricultural Development since Independence, Oxford and IBR, New Delhi; Government of India (1976), Report on the National Commission on Agriculture, New Delhi; Government of India, Economic Survey (annual), New Delhi; Dutt, A. and T. Kelly (1970) Trade liberalization and Indian Agriculture, Oxford University Press, New Delhi; Das, P.C. (1978) Land Reforms in India, Trends and Prospective, Allied Publishers, Bombay; Yehon, A.S. and D.S. Triag (1981) L. agriculture Five Years India, Allied Publishers, New Delhi.; Rao, Ch. Hanumantha (1975), Agricultural Growth, Rural Poverty and Environmenta Separation in India, Oxford university Press, New Delhi.; Reserve Bank of India, Report on Currency and Finance (annual), Mumbai, India, 1 (1981) Indian Agricultural Economics: Ashta and Karmy, Allied Publishers, New Delhi; Sen, G.N. (1975) Farm Size, Natural Use Efficiency and Income Distribution, Allied Publishers, N. Delhi.

PAPER NAME	DEMOGRAPHY
PAPER CODE	EGDCE

UNIT I:

Introduction to Demography: Meaning, subject matter and importance of demography. Source of Demographic Data – Census, Sampling, Registration. Source of Demographic data in India – Census, NFPS, NSSO, Registration System in India: Trends in composition & Distribution of India Population – Sex, Age, Religion, Rural: Urban, Occupation; Demographic rate in India – Fertility, Mortality, Literacy, Poverty

UNIT II:

Measurement of Population Growth: Meaning of Population Growth, Models of Population Growth and Population Projection, Population Pyramid

UNIT III:

Factor affecting Population Growth: Family: Meaning, Important Concepts – CBR, ASFR, TFR, GFR, NRR: Factor affecting Family, Mortality – Meaning, Important Concepts – CDR, ASDR, IMR, MMR, NMR, NNMR, ODR, Factors affecting Mortality: Migration – Meaning, Type, Effects and Factors Promoting Migration, Unemployment – Meaning, Causes and Effects, Family: Meaning, Important Concepts and Determinants

UNIT IV:

Theories of Population: Malthusian Theory, Optimum Theory, Theories of Demographic Transition – Views of Blacker, Marx & Comak, Biological Theories, Socio-Economic Theories

UNIT V:

Population Growth and Development: Relationship between population growth & economic development, Human Development: Meaning, Index and relationship with population growth, Relationship between population growth and environment degradation, Relationship between population growth & health, nutrition & poverty

UNIT VI:

Migration and Urbanization: Concept and types: temporary, internal and international, international migration: its effect on population growth and pattern, factors affecting migration, Theories of migration related to internal migration, Urbanization – growth and distribution of rural-urban population in developing countries

Basic reading list:

Agarwala, S.N. (1973), India's Population Problem, Tata McGraw Hill Co., Bombay, Book A (1986), India's Basic Demographic Statistics, S. Publishing Corporation, New Delhi, Book C, (1973), Principles of Demography, John Wiley & Sons, Chichester, H. and Th.L.Schmieder, (2001), Handbook Development Economics, Vol. 1 and 2, Oxford, P.A. (2000), Population Policy in India, Kanchi Publication, New Delhi, Coale, A. J. and S.M. Hoover (1958) Population Growth & Economic Development II: Low income Countries: A case study of UNDP's prospects, Princeton University Press, Princeton, N.J., (1988), Fertility in India: An Econometric Study in Metropolitan, State Publications

PAPER NAME	HISTORY OF ECONOMIC THOUGHT
PAPER CODE	EC0403

UNIT – I

Adam Smith: Theory of Value, Distribution and Growth; Ricardo: Economics, Value Analysis, Theory of Distribution, Views on Machinery and Employment; Malthus: Theory of Population, Theory of Rent and Rent Controversy;

UNIT – II

Marxian Economics: Dialectics; Materialism; Mode of Production and its Fundamentals; Labour Theory of Value; Development and Decay of Capitalism (Commodity production, Accumulation, Surplus value and Organic Composition of Capital); Themes of Imperialism; Hobson's Theory; Luxemburg's Theory; Lenin's Theory and a Criticism;

UNIT: III

Marginalism: Origin of Marginalist Revolution; Jevons' Mathematical Character of Economics; Jevon's Origin and Theory of Value; Neoclassical Economics; Van Kassel; Marshall's Scope and Method of Economics; Austrian Economics; Rent Features;

UNIT: IV

Keynesian Economics; Keynes on Neoclassical Ideology of Self-Adjusting Markets; Theoretical Setting of Keynes's Analysis; Analysis of Great Depression; Logical Foundations of Keynes's Ideas; Kaleckian Version; Political Aspects of Full Employment; Distribution of Income;

Basic reading list

- Blatta H.L. History of economic Thought (1942) Pablosinghouse.
- Blaug, M. (1987). Economic Theory in Perspective: A History of Economic Thought from Adam Smith to the 1970s. Oxford, U.K. Basil Blackwell.
- Cole, C and E. Foss (1936). A history of Economic Doctrine (2nd Ed.). George Harrid and Co. London.
- Cole, A. and A.B. Thomson (1925). The Development of Economic Doctrine (2nd Ed.). Longman Group, London.
- Hjalil, T.N. (1977). History of Economic Thought, Omega Publishers Pristil.
- Roth, E. (1973). A history of Economic Thought, Peter London.

PAPER NAME	PROJECT WORK
PAPER CODE	ECCH04



NETAJI SUBHAS UNIVERSITY

ECHE Under Jharkhand State Private University Act, 2018

SYLLABUS FOR MASTER OF ARTS ENGLISH

2019 Onwards

SEMESTER I

PAPER NO	CODE	TITLE	MARKS
PAPER 1 Foundation course	CCENG101	History of English Literature From Chaucer to Modern Age	30+70=100
PAPER 2 Core course	CCENG102	British Poetry from Chaucer to Pope	30+70=100
PAPER 3 Core course	CCENG103	Indian Writing in English and in English Translation	30+70=100
PAPER 4 Core course	CCENG104	Language and Linguistics	30+70=100

SEMESTER II

PAPER NO	CODE	TITLE	MARKS
PAPER 5 Core course	CCEN105	Seventeenth Century to Modern British Poetry	30+70=100
PAPER 6 Core course	CCEN106	British Drama	30+70=100
PAPER 7 Core course	CCEN107	History of English Language	30+70=100
PAPER 8 Core course	CCEN108	Modern Indian Literature in English and in English Translation	30+70=100

SEMESTER III

PAPER NO	CODE	TITLE	MARKS
PAPER 9 ELECTIVE	CCEN301	A. Indian Writing in English Poetry and Short Story B. Linguistics—Advanced: Phonology and Morphology of English	30+70=100
PAPER 10 Core course	CCEN302	British Fiction Collected Period	30+70=100

PAPER 11 Core course	CCENG003	British Prose	30+70=100
PAPER 12 Core course	CCENG004	Literary Criticism and Contemporary Theories	30+70=100

SEMESTER II

PAPER NO	CODE	TITLE	MARKS
PAPER 13 ELECTIVE	ECENG401	A. Indian Writing In English- Novel B. Linguistics—Advanced: Syntax and Semantics of English	30+70=100
PAPER 14 ELECTIVE	ECENG402	World Literature	30+70=100
PAPER 15 Core course	CCENG405	A. Indian Writing In English- Drama B. Teaching of English as a Second Language	30+70=100
PAPER 16 PROJECT	PEENG404	Project/ Dissertation	100

SEMESTER I

FCENG101: Foundation course

History of English Literature from Chaucer to Modern Age

UNIT-I

- The Age of Chaucer (14th and 15th Century)—Poetry, Prose; Origin of English Drama; Ballads of the 15th century

UNIT-II

- Elizabethan Age—Poetry, Drama, Prose

UNIT-III

- Jacobean Age—Drama, Poetry-Cavalier Lyricists, Metaphysical Poetry

UNIT-IV

- Neo-Classical Age—Milton, Dryden, Pope, Dr. Johnson; Heroic Drama; Restoration Drama; Rise of the Novel, Periodicals; Socio-Political Scene.

UNIT-V

- Romantic Period—Precursors of the Romantic Revival, Romantic Poetry, Romantic Prose, Novel of the Romantic Age

UNIT-VI

- Victorian Age—Prose, Poetry, Novel, Drama

UNIT-VII

- Modern Age—Poetry, Drama, Novel

Suggested Readings

- A.C. Brugh (ed): *A Literary History of England* (2nd edition, Routledge and Kegan Paul)
- David Daiches: *The History of English Literature*
- S. C. Munroe: *History of English Literature*
- Emdin Legouis: *A Short History of the English Literature*
- Edward Albert: *History of English Literature*
- Boris Ford (Ed): *The Pelican Guide to English Literature*, Vols. I-VII
- W.H. Hudson: *An Outline History of English Literature*

CCENG102: British Poetry from Chaucer to Pope

UNIT I

- Geoffrey Chaucer: *Nun's Priest's Tale*

UNIT II

- Edmund Spenser: *The Faerie Queene Book I*

UNIT III

- Shakespeare: *Sonnet Nos. 18, 29, 60, and 130*
- John Donne: *The Ecstasy, Good Friday*
- George Herbert: *Virtue, Affliction*

UNIT IV

- John Milton: *Lycidas, Comus, Paradise Lost Book I*

UNIT V

- John Dryden: *Abraham and Actonophel*
- Alexander Pope: *An Epistle to Dr. Arbuthnot*

Suggested Reading:

- Boris Ford (ed.): *The Age of Chaucer, Pelican Guide to English Literature*, Penguin
- Neville Coghill: *The Poet Chaucer*
- Paury, G: *The Seventeenth Century: The Intellectual and Cultural Contexts*, Longman, 1989
- E.M. Tillyard: *Milton*
- W.G. Knight: *The Poetry of Pope*, London: Routledge & Kegan Paul, 1995
- M.V. Doran: *The Poetry of John Dryden*
- John Butt: *The Augustan Age*

- Edmund Gosse: *Eighteenth Century English Literature*
- Pat Rogers (ed.): *The Eighteenth Century*, New York: 1978
- Harry Blamires: *Milton's Creation: A Guide through Paradise Lost*, London, 1971
- Puffgrave's *The Golden Treasury*: Riga & Co. 2001
- G.A Williamson: *A Reader's Guide to Metaphysical Poets*
- G Wilson Knight: *The Mutual Flame: An Interpretation of Shakespeare's Sonnets*
- Philip Martin: *Shakespeare's Sonnets: Self Love and Art*

**CCENG103: Indian Writing in English and in English
Translation**

UNIT I

- Indian Poetics
- Function and Features of Poetry: Purpose of Poetry, The Word and Meaning, Rasa, Dhvani, Alankar, Vakrokti
- Brief History of Indian Classical Writing in English translation

UNIT II

- Shudra: Mithakathikan: tr. M M Ramachandra Kale (New Delhi: Nityal Dasasidas, 1967)

UNIT III

- Rabindranath Tagore: From Gitanjali Poem-5 (My song has put off), 12 (Leave this chanting and singing), 36 (Where the mind is without fear), 37 (This is my Prayer), 66 (She who ever had remained)

UNIT IV

- U R Anantamurthy: Sankarā (Trans: A K Ramamoorti)

UNIT V

- Mahatma Gandhi: Hind Swaraj
- S Radhakrishnan: Kalki (The Future Civilization)
- Jawaharlal Nehru: The Discovery of India (Chapter IV)

Suggested Readings:

- Bharata, Nāṭyaśāstra, tr. Manomohan Ghosh (Vol. I, 2nd edn) (Calcutta: Granthalaya, 1967) chap. 6: 'Sentiments', pp. 100-12.
- S Radhakrishnan, S. The Religious Consciousness in Indian Philosophy, Vol. I, New Delhi: Oxford University Press, 2008, pp. 188-193.
- Mimamsā, Kavyaprakāśh
- V S Seturamati (ed.), Indian Aesthetics, Macmillan, 1997
- V N Bhatnagar, An Introduction to Indian Poetics, Macmillan, 1970

- Max Müller, *History of Classical Sanskrit Literature*
- Girdh Jalwar and Sandana Chakrabarty, *Contemporary Indian Drama: Astride Two Traditions*
- Bruce King, *Modern Indian Poetry in English*, Macmillan
- K. V. Srinandan and J. K. Datta, *Indian English Drama: Critical Perspectives*

CCENG104: Language and Linguistics

UNIT I

What is language? Artificial and Natural language; Language and Society; Language and Culture

Characteristics of human language; Difference between human language and animal communication

What is linguistics? Linguistics as a scientific study of language;

Scope of linguistics

Basic concepts in linguistics: Diachronic and Synchronic linguistics;

Syntagmatic and Paradigmatic relationships; Langue and Parole;

Competence and Performance; Substance and Form; Linguistic Sign and Symbol

UNIT II

Levels of Linguistic Analysis: Phonetics, Phonology, Morphology,

Syntax and Semantics; Traditional approach to Linguistics; Structural

approach to Linguistics; Cognitive approach to Linguistics; Branches

of Linguistics

UNIT III

What is Sociolinguistics? Linguistic and communicative competence;

Speech community; Verbal repertoire Patterns of language variation

- Regional, Social, Stylistic, Register, Dialects; Standard and Non-

standard varieties; Bilingualism and Multilingualism; Pidgin and

Creole; Standardization and Modernization of language

UNIT IV

What is Applied Linguistics? Scope of Applied Linguistics;

Contrastive Analysis; Error Analysis - lapses, mistakes and errors;

Methodology in Error Analysis: Identification, description and

explanation of errors; Common types of Errors; significance of

learners' errors; Lexicography: What is Lexicography? Linguistic

Basis of lexicography; Types of dictionaries; Linguistic features of a

dictionary; Language Learning and Teaching: First and Second

language learning; language learning in multilingual settings;

methods, materials and teaching aids in language learning; Computer

Assisted Language Teaching (CALT) Stylistics: What is stylistics?
Stylistics and Interpretation of Literary and non-literary texts; Basic assumptions of stylistics; Stylistic features.

Suggested Readings:

- Corder, S.P. (1973). *Introducing Applied Linguistics*. Harmondsworth: Penguin.
- Hudson, R.A. (1980). *Sociolinguistics*. Cambridge: Cambridge University Press.
- Leach, G.N. (1989). *A Linguistic Guide to English Poetry*. London: Longman.
- Lyons, John (1968). *Introduction to Theoretical Linguistics*. Cambridge: Cambridge University Press.
- Mishra, P.S. (2009). *An Introduction to Stylistics: Theory and Practice*. New Delhi: Orient BlackSwan.
- O'Grady, W. et al. (1994). *Contemporary Linguistics: An Introduction*. New York: St. Martin's Press. Richards, J.C. (ed.) (1974) *Error Analysis: Perspectives in Second Language Acquisition*. London: Longman.
- Robins, R.H. (1964). *General Linguistics: An Introductory Survey*. London: Longman.
- , S Sival, Pushpinder and Jindal, D.V. (1998). *An Introduction to Linguistics: Language, Grammar and Semantics*. New Delhi: Prentice Hall India Pvt. Ltd.
- Versloot, Peter (2002). *Stylistics*. Oxford: Oxford University Press.
- Verma, S.K. and Krishnaswamy, N. (1959). *Modern Linguistics: An Introduction*. Madras: Oxford University Press.
- Widdowson, H.G. (1975). *Stylistics and the Teaching of Literature*. London: Longman.

Semester II

CCENG201: Nineteenth and Twentieth Century British Poetry

UNIT I

- William Wordsworth: *Immortality of Immortality* from *Recollections of Early Childhood*
- S.T. Coleridge: *Christabel Dejection: An ode*

UNIT II

- John Keats: *Autumn*
- P. B. Shelley: *To the Skylark*

UNIT III

- Alfred Tennyson: *In Memoriam*
- Matthew Arnold: *Thyrsis*

UNIT IV

- W.B. Yeats: *Sailing to Byzantium, The Second Coming*
- T.S. Eliot: *The Hollow Man*

UNIT V

- Dylan Thomas: *Fern Hill*
- Philip Larkin: *The Unknown Citizen*

Suggested Readings:

- Harold Bloom and Lionel Trilling (ed.), *Preface to the Lyrical Ballads* in *Romantic Prose and Poetry*, New York, Oup, 1973, pp. 394-611
- George Watson, (ed.) *Biographia Literaria*, Everyman, 1993, pp. 161-66
- C M Bowra, *The Romantic Imagination* OUP
- John Bee, *Coleridge's Poetic Intelligence*, London 1977
- Sir Walter Raleigh, *Wordsworth*
- J.D Jump, *The Ode*
- J.A Symonds, *Shelley*
- Sidney Colvin, *Keats*
- A.D Culler, *The Poetry of Tennyson*, Yale University Press
- Hugh Walker, *The Literature of the Victorian Era*
- Lafcadio Hearn, *The Pre-Raphaelite and Other Poets*
- Grierson and Smith, *A Critical History of English Poetry*

- A. F. Potts, *Elegies: Ancient and Modern*
- Michael Bell, ed. *The Context of Modern Literature*, 1980
- T. S. C. Smith, *T. S. Eliot's Poetry and Plays*, London, 1974
- Norman A. Jeffares, *W. B. Yeats: Man and Poet*, London, 1962

CCENG101: British Drama

UNIT I

- Christopher Marlowe: *Tamburlaine the Great*
- William Shakespeare: *Hamlet*

UNIT II

- Ben Jonson: *The Alchemist*
- John Webster: *The Duchess of Malfi*

UNIT III

- G.B. Shaw: *Pymalion*
- T.S. Eliot: *Murder in the Cathedral*
- Harold Pinter: *The Birthday Party*

Suggested Readings:

- R.G. Moulton, *Shakespeare as a Dramatic Artist*
- Nevill, *Studies in Shakespeare*
- *Biblos and Harvoin, A Companion to Shakespeare Studies*
- A.C. Bradley, *Shakespearean Tragedy*
- Stern Feist, *The Age of Shakespeare*
- H.D. Charlton, *Shakespearean Comedy*
- F.L. Lucas, *Tragedy*
- Lyce, J.W., *The Tragedy of State: A Study in Jacobean Drama*, London, 1971
- Stern, J.B., *Macbeth: A Critical Study*, Cambridge, 1944
- Jacqueline Pearson, *Tragedy and Tragicomedy in the Plays of John Webster*, Manchester, 1990
- A Nicoll, *The British Drama*
- J. Evas, *Shakespeare and his Predecessors*
- William Raymond, *Drama from Donne to Swin*
- R.G. Davies, *Essays in Drama*
- W.H. Hudson, *An Outline History of English Literature*
- Eric Bentley, *George Bernard Shaw*
- G.K. Chesterton, *George Bernard Shaw*
- A.C. Ward, *George Bernard Shaw*
- C.E.M. Joad, *Shaw*
- John Holloway, *The Modern Age*

CCENG203: History of English Language

UNIT-I:

Language Family: Indo-European family of language

UNIT-II:

Foreign elements in English: Greek, Latin, Scandinavian, French and Indian Phonological, Lexical, Structure and semantic changes

UNIT-III:

World Englishes: British, American, Australian, and South Asian, Indian

UNIT-IV:

English as an International Language, status of English in India

UNIT-V:

Standardization of regional varieties

Suggested readings:

- Burch, A.C. & T. Cable. (1993). *A History of the Language*. Routledge Kegan Paul, London.
- Strang, Barbara. (1979). *A History of English Language*. Methuen, London.

CCENG204: Modern Indian Literatures in English and in English Translation

UNIT I Theorizing Indian literature

- Anaz Ahmed, selections from *Som In Theory*
- Gauri Dery, selection from *A Dery Reader*
- Selections from the writings of Muralidhar Mukherjee

UNIT II

- Tagore, *Rajmohanan, Gora*
- Raja Rao, *Kanthapura*
- Premchand / The Chess-players
- Rushdie, *Salman: Midnight's Children*

UNIT III (Women) / Gender Issues

- Rokeya Siddiqui *Humain*, *Sultana's Dream*
- Selected poems by Kamala Das, Prithvi Nandakumar, Velga, Anrita Puri, Meera Kaulavramy, Pragna Parwar
- Selected short stories by Jasmit Chughra, Vandehi, Prithvi Ray and Lalithambika Anantaram

UNIT IV (Drama and Theatre as social Critique)

- Tendulkar, Vijay, *Ghisharan Karna*
- Manjula Padmanabhan, *The Harvest*

SEMESTER III

ECENG301A: Indian Writing in English – Poetry and Short-Story

UNIT I- Poems

- Toru Dutt: Laxman, Sita
- Sri Aurobindo: Secrets (Book eight, Canto III)
- Nissim Ezekiel: Enterprise
- Sarojini Naidu: Love and Death
- Jayant Mahapatra: Landscape by the River
- K. Ramasujan: A River
- R. Parthasarathy: Mahabalipuram

UNIT II- Short Story

- C. Rajagopalachari: The Enchanted Pool
- B.K. Narayan: An Astrologer's Day (From Malgudi Days, Allied Publishers, Pvt. Ltd., New Delhi, 1963)
- M.P. Anand: The Barber's Trade Union (From The Barber's Trade Union and Other Stories)
- Raja Rao: Jyoti (From The Cow of the Barricades, Bantam, OUP 1978)
- P. Padmaraja: Cyclone K.N. Dasgupta: Love across the Salt Desert

ECENG301B: Linguistics: Advanced Phonology and Morphology of English

UNIT I: Phonology

What is phonology? Features of Structuralist Phonology and Generative Phonology: Basic Principles of Identifying Phonemes: Principle of Contrastive Distribution, Principle of Complementary Distribution, Principle of Phonetic Similarity, Principle of Pattern Congruity, Principle of Economy, Minimal Pair, Free Variation, Syllable in Phonology and its Structure, Rhyme and Rhyming words, Word Stress: stressed (accented) and unstressed (unaccented) syllables, Primary and Secondary Stress, Placing stress marks on a word, General rules of English word stress, Distinctive Features: the concept of Distinctive Features (DFs), Various DFs, Advantages of DFs in phonological analysis.

UNIT II: Morphology

Morphology: Define, Nature and Scope, Concepts in Morphology: Morpheme, Morph, Allomorph, Portmanteau Morph, Lexeme and Word, Types of Words: Simple, Compound and Complex, Types of Allomorphy: Phonologically, Lexically and grammatically conditioned allomorphy, Some Procedures of identification of morphemes, Inflectional and Derivational morphemes, Morphological Analysis of Words, Morphological structures of words using labeled tree diagrams, Identification of the processes of word formation in different words.

UNIT III: Application of Linguistic

Theory Showing Syllable division and their structures of English words: any five out of a choice of eight Showing morphological structures of words using labeled tree diagrams: any five out of a choice of eight. OR Identification of morphemes and allomorphs in a given set of words.

Suggested Readings:

- Aronoff, M. and K. Fudeman, *What is Morphology?* Oxford: Blackwell.

- Bauer, L. *Introducing Linguistic Morphology*. Edinburgh: Edinburgh University Press.
- Gimson, A.C. *An Introduction to Phonetics of English*. ELBS
- Haiman, M. *Understanding Morphology*. London: Arnold.
- Hockett, C. *A Course in Modern Linguistics*. New York: Macmillan.
- Katamba, F. *Morphology*. London: Macmillan.
- Odden, David. *Introducing Phonology*. Cambridge: Cambridge University Press.
- Roach, Peter. *English Phonetics and Phonology*. Cambridge: Cambridge University Press.
- Sval, Poojinder and Jindal, D.V. *An Introduction to Linguistics: Language, Grammar and Semantics*. New Delhi: Prentice Hall India Pvt. Ltd.
- Thakur, D. *Linguistics Simplified: Morphology*. Patna: Bharati Bhawan.
- Thakur, D. *Phonetics and Phonology of English*. Patna: Bharati Bhawan.
- Yule, George. *The study of Language*. Cambridge: Cambridge University Press.

CCENG-302: British Fiction (Modern period)

UNIT I

- Samuel Richardson: *Clarissa*
- Lawrence Sterne: *Tristram Shandy*

UNIT II

- Charles Dickens: *A Tale of Two Cities*
- Thomas Hardy: *Fat from the Madding Crowd*

UNIT III

- D.H. Lawrence: *Sons and Lovers*
- Henry James: *The Portrait of a Lady*

UNIT IV

- Virginia Woolf: *To the Lighthouse*
- William Golding: *Lord of the Flies*

Suggested Readings:

- Ian Watt, *The Rise of the Novel: Studies in Defoe, Richardson, Fielding*, Harmondsworth
- Peter Earl, *The Worlds of Defoe*, 1976, London
- Mary Lascelles, *Jane Austen and Her Art*
- Elizabeth Jenkins, *Jane Austen*
- A.H. Wright, *Jane Austen's Novels*
- B.C. Southam, (ed.) *Jane Austen: The Critical Heritage*, London, 1967
- Lord David Cecil, *Hardy the Novelist*
- Evelyn Hardy, *Thomas Hardy: A Critical Biography*
- R.A. Scott-James, *Thomas Hardy*
- D.H. Lawrence, *A Study of Thomas Hardy*
- J.W. Beach, *The Technique of Thomas Hardy*
- Fredrick G. Kitson, *The Novels of Dickens*

- A.W. Ward, *Charles Dickens*
- Philip Collins, (ed.), *Dickens: The Critical Heritage*, London, 1971
- Nicholas Greene, *Synges: A Critical Study of the Plays*, London, 1973
- Joseph Warren Beach, *The Twentieth Century Novel: Studies in Technique*
- Robert Huuphray, *Streams of Consciousness in the Modern Novel*
- David Daiches, *The Novel and the Modern World*
- T.S.C. Smith, *T.S. Eliot's Poetry and Plays*, London, 1974
- Michael Bell, (ed.) *The Context of Modern Literature 1900-1950*, London, 1980
- Randal Stevenson, *Modernist Fiction*
- C.B. Cox & A.E. Dyson, *The Twentieth Century Mind*
- P. Clements, et. al., *Virginia Woolf: New Critical Essays*, London, 1985
- Richard Ellman, *James Joyce*, Oxford, 1959
- Percy Lubbock, *The Craft of Fiction*
- Leon Edel, *The Psychological Novel*
- Elizabeth Drew, *The Modern Novel*

CCENG303: British Prose

- Francis Bacon: *Of Truth, Of Friendship*
- The Bible: *The Book of Job (The Authorized Version of the Bible)*
- Charles Lamb: *Four Relations*
- John Ruskin: *Oxford Lectures on Art*
- A.G. Gardiner: *On Superstition*
- Robert Lynd: *On Forgetting, On Doing Nothing*
- E.V. Lucas: *A Funeral*

Suggested Reading:

- G.Perry, *The Seventeenth Century: The Intellectual and Cultural Contexts*, Longman, 1989
- Jardine Lisa, *Francis Bacon: Discovery and the Art of Discoveer*, Cambridge, 1974
- Lawrence Babb, *Sally, In Bedlam: A Study of Robert Burton's Anatomy of Melancholy*, East
- Loring, 1959
- Hugh Walker, *The English Essay and Essayists*

CCENG304: Literary Criticism and Contemporary Theories

UNIT I

- Aristotle: Aristotle's Theory of Poetry and Fine Art, tr. Boscher, S.F. (Dover)
- Sidney: An Apology for Poetry
- Dr. Johnson: Preface to Shakespeare
- John Dryden: 'An Essay of Dramatic Poesy'

UNIT II

- Wordsworth: Preface to The Lyrical Ballads
- S.T. Coleridge: Biographia Literaria Chapter XIV and XVI
- Arnold: The Function of Criticism at the Present Time, Populace in Culture and Anarchy

UNIT III

- T.S. Eliot: Tradition and Individual Talent and The Function of Criticism, 'Tradition and the Individual Talent'
- Jacques Derrida: Structures, Signs and Play in the Discourse of Human Sciences
- Elaine Showalter: Towards a Feminist Poetics
- I.A. Richards: Principles of Literary Criticism

UNIT IV

Structuralism, Modernism, Post-Modernism, Structuralism, Post-Structuralism

UNIT V

Feminism, Postcolonialism, Psychoanalytic Theory and Criticism, Orientalism, Eco-Criticism

Suggested Readings:

- George Watson: The Literary Critics
- David Daiches, Critical Approaches to Literature
- A. Boscher, Literary Criticism in the Age of Johnson
- George Saintsbury, A History of English Criticism

- Terry Eagleton, *Literary Theory: An Introduction* (Oxford: Blackwell, 2008)
- Peter Barry, *Beginning Theory* (Manchester: Manchester University Press, 2002)
- Patricia Waugh, (ed.), *Literary Theory and Criticism*, Oxford University Press, 2006
- Claus Brecht, *Criticism and Literary Theory*
- David Lodge, *Modern Criticism and Theory*

SEMESTER IV

ECENG401A: Indian Writing in English—Novel

UNIT I

- R.K. Narayan: *The Painter of Signs*
- Raja Rao: *The Serpent and the Rope*
- Mulk Raj Anand: *Untouchable*
- Arun Das: *Voices in the City*

UNIT II

- Kamala Markandeya: *Nectar in a Sieve*
- Amitav Ghosh: *The Shadow Lines*
- V.S. Naipaul: *A House for Mr. Biswas*
- Arifa Hussain: *Sunlight on a Broken Column*

ECENG401B: Advanced Syntax and Semantics of English

Unit I:

Syntax Word classes: Parts of Speech, Content Words and Structure Words
Labels: Categorical labels: Lexical (N) Category and Phrasal Category (NP);
Functional Labels: Subject, Predicate, Object, Complement, Adjunct Kernel
Sentence, Basic types of Kernel Sentences in English Constituents and their
Structures; analysis of various constituents using labelled tree diagrams; Phrase
Structure (PS) Rules, Limitations of PS Rules; Formulating PS Rules-Argument
Structure: Predicates, Auxiliary Verbs, Non-Verbal Predicates; Clausal
arguments; Expletives; Implicit and Explicit Arguments; Thematic Structures:
Assignment of Thematic Roles; Direct and indirect Theta marking
Transformational Generative Grammar: How does TG Grammar function?
Application of Transformation Rules: Affix Hopping, Do-Inversion, Negative
Placement, Negative Contraction, Wh-Fronting, AUX-Inversion, Passivization,
Derivation of sentences using transformation rules. 14 Wh-Movement and NP-
Movement in English

Unit II:

What is Semantics? Meaning and various aspects of Meaning: Denotative
Meaning, Connotative Meaning, Social Meaning, Lexical Meaning, and
Grammatical Meaning, Sense and Reference, Entailment. Theories of Meaning:
Componential Theory, Truth Conditional Theory, Generative Theory, and
Contextual Theory Ambiguity: Phonological ambiguity, Lexical ambiguity, and
Grammatical ambiguity; disambiguating ambiguous structures.

Unit III:

Application of Linguistic Theory Showing structures of Phrases and Sentences
using labeled tree diagrams – three to be attempted out of a choice of five OR
Derivation of three simple sentences using Transformational Rules out of a
choice of five Disambiguating structures (words, phrases, clauses and
sentences) and identification of the type of ambiguity – three to be attempted
out of a choice of five

Suggested Readings:

- Freidin, R. (1992). *Foundations of Generative Syntax*. Cambridge, Mass: MIT-Press; Haegeman, L. (2009).
- *Theory and Description in Generative Syntax*. Cambridge: Cambridge University Press.
- Radford, Andrew (1981). *Transformational Syntax*. (Chapters 1-4 only). Cambridge: Cambridge University Press.
- Radford, Andrew (1988). *Transformational Grammar* (Chapter 4-10 only). Cambridge: Cambridge University Press.
- Syal, Paripinder and Jindal, D.V (1998). *An Introduction to Linguistics: Language, Grammar and Semantics*. New Delhi: Prentice Hall India Pvt Ltd.
- Thiakar, D. *Linguistics Simplified: Syntax*. Patna: Bharati Bhawan.
- Verma, S.K. and Krishnaswamy, N (1989). *Modern Linguistics: An Introduction*. Madras: Oxford University Press.
- O'Grady, W. et al. (1991). *Contemporary Linguistics: An Introduction*. New York: St. Martin's Press.

CCENG 402: World Literature

UNIT I American

- Mark Twain—*The Adventures of Huckleberry Finn*
- Tennessee Williams—*A Streetcar Named Desire*
- Emily Dickinson: *This is My Letter to the World*

Unit II Canadian

- Margaret Atwood—*Surfacing*
- Lucy Maud Montgomery—*A Day off*

UNIT III Australian

- —Patrick White—*Happy Valley*
- A.D. Hope: *Australia*

UNIT IV African

- Gabriel Okara: *The Mystic Drum*
- Wole Soyinka: *Death and the King's Horseman*
- Chinua Achebe: *Things Fall Apart*

Suggested Reading:

- William Walsh, *Commonwealth Literature*, OUP
- A.W. Wyatt and Walter (ed.), *Cambridge History of American Literature*, New York: Bartsby, 2000 *The Oxford Companion to African American Literature*, OUP, 1996

ECENG403A: Indian Writing in English — Drama

UNIT I

- Sri Aurobindo: *Perseus the Deliverer*
- R.N. Tagore: *The Post Office*

UNIT II

- Vijay Tendulkar: *Silence! The Court is in Session*
- Girish Karnad: *Nagamandala*

UNIT III

- Pratap Sharma: *A Touch of Brightness*
- Mahesh Dattani: *Final Solutions*

ECENGL403B: Teaching of English as Second Language in India

- **Status of English in India today; Teaching of English in India in the present times; Need of Teaching English in India as a Second Language**
- **British R.P. and General Indian English (G.I.E.): A comparative Study**
- **A suitable model of English for India: Problems and Prospects of Teaching English in India**
- **Teaching Methods: Direct Method, Grammar Translation Method, Communicative Approach**
- **Teaching of Reading, Writing, Listening and Speaking; Teaching of Vocabulary and Grammar**
- **Teaching of Literature: Poetry, Drama, Prose, Short Stories: Teaching Materials: Text books, Supplementary Reading, Workbook, Supplementary Teaching Materials**
- **New Types of Teaching Materials: Audio Visual Aids, Computer Assisted Language Teaching (CALT), Electronic Devices**
- **Curriculum Design Testing and Evaluation English for Specific Purposes (ESP): Identifying needs, syllabus design, teaching materials, Registers of the discipline, testing and evaluation**

CCENG404 – Project Work

The written component of the project shall be of 80 marks and 20 marks will be for the Viva Voce examination, to be jointly conducted by an External Examiner, appointed by the University, and the Internal Supervisor.

Topics for Dissertation:

- Medieval Literature English Literature (1550-1660)
- English Social History (1660-1800)
- Non-Literary Background to the 19th Century English Literature
- Modernist Fiction
- Critical Theory
- Gaelic and Indian Literature Indian Folk Theatres
- American African Literature
- Literature and the Analysis of Culture Religion and Literature
- Children's Literature Topics from "Indian Writing in English" and "Language and Linguistics"
- Diaspora Literature Commonwealth Literature Global Village

**CHOICE BASED CREDIT SYSTEM
(CBCS)**

**उच्च माध्यमिक पाठ्यक्रम
समावेशीय किन्दी**

सत्र ०१		
1. EC-1 Computer		६ क्रेडिट / १००%
1. ग्राफ ०१ किन्दी सञ्चालन (सु, अडिबल) - अडिबल, सञ्चालन, सञ्चालन		६ क्रेडिट / १००%
2. ग्राफ ०२ किन्दी सञ्चालन का अडिबल - अडिबल ग्राफ		६ क्रेडिट / १००%
3. ग्राफ ०३ अडिबल एवं सञ्चालन सञ्चालन		६ क्रेडिट / १००%
सत्र ०२		
EC-1	सत्र ०१	६ क्रेडिट / १००%
ग्राफ ०१ ग्राफ सञ्चालन एवं किन्दी ग्राफ		६ क्रेडिट / १००%
ग्राफ ०२ सञ्चालन सञ्चालन एवं किन्दी सञ्चालन		६ क्रेडिट / १००%
ग्राफ ०३ सञ्चालन सञ्चालन		६ क्रेडिट / १००%
सत्र ०३		
ग्राफ ०४ सञ्चालन किन्दी ग्राफ		६ क्रेडिट / १००%
ग्राफ ०५ सञ्चालन किन्दी		६ क्रेडिट / १००%
ग्राफ ०६ किन्दी सञ्चालन एवं सञ्चालन		६ क्रेडिट / १००%
EC-2	सत्र ०४	
	1. अडिबल सञ्चालन एवं सञ्चालन सञ्चालन	६ क्रेडिट / १००%
	2. ग्राफ सञ्चालन एवं सञ्चालन सञ्चालन	६ क्रेडिट / १००%
सत्र ०४		
ग्राफ ०७ किन्दी सञ्चालन एवं सञ्चालन		६ क्रेडिट / १००%
ग्राफ ०८ किन्दी सञ्चालन, सञ्चालन एवं सञ्चालन ग्राफ		६ क्रेडिट / १००%
EC-3	सत्र ०५	
	3. सञ्चालन एवं सञ्चालन सञ्चालन	६ क्रेडिट / १००%
	ग्राफ ०९	६ क्रेडिट / १००%

(Handwritten signature)

स्वातंत्र्योत्सव त्रिवेदी
प्रथम वर्ष/सेमिस्टर 1/PC 1
कम्प्यूटर विभाग
(कम्प्यूटर और हिंदी भाषा)

इकाई-1 : कम्प्यूटर का विकास और हिंदी

कम्प्यूटर का परिचय और विकास, कम्प्यूटर में हिंदी का अन्वय एवं विकास,
 हिंदी में विभिन्न फॉन्ट, कम्प्यूटर में डिटा की सुरक्षितिकी और एन्क्रिप्टी

इकाई-2 : हिंदी भाषा और जेनरेशन

इन्फ्लेन्ट, एन हिंदी, मुद्रितिक, कवचान्ते लिपि को जेने फन्ट, हिंदी को एन जेनरेशन,
 हिंदी को वेबसाइटस

इकाई-3 : हिंदी भाषा, कम्प्यूटर और गवर्नेन्ट

उपभक्ता हिंदी को वेबसाइट में कम्प्यूटर की सुविधा, ई-गवर्नेन्ट, इलेक्ट्रिक हिंदी एन क्विज
 और ई-जर्नेन्ट, आन्लाइन् और ई-गवर्नेन्ट वेबसाइट

इकाई-4 : हिंदी भाषा और कम्प्यूटर - विदेशी एन

इन्फ्लेन्ट पर हिंदी एन-अधिकारी, एन्काल्कन की हिंदी एन-अधिकारी और हिंदी एन
 हिंदी को विभिन्न की कोने

उत्तर लिखिए
 काल 3 घंटे

1. वैकल्पिक प्रश्न
2. आठ संयुक्तिक में से एक प्रश्न (20 अंके) उत्तरित
3. चार दीर्घ प्रश्न में से दो प्रश्न (40 अंके) उत्तरित

पूर्विक 10
 10 + 20 = 30
 40 + 20 = 60
 20 + 40 = 60

मार्क - Mid Term Test -

1. क्विज/अन्वय, वेबसाइट
2. Assignment/Answer/Poster/Project/Quiz
3. क्विज/अन्वय/वेबसाइट आगमन

10
 10
 10

अनुषंगिक प्रश्न

1. कम्प्यूटरिक जनसंक्ता और हिंदी - इलेक्ट्रिक
2. कम्प्यूटर की अर्थिक अनुप्रयोग - विदेशी सुनल आन्लाइन्
3. कम्प्यूटर और हिंदी - इलेक्ट्रिक
4. हिंदी भाषा और कम्प्यूटर - इलेक्ट्रिक
5. कम्प्यूटर की अर्थिक अनुप्रयोग और भाषा-विदेशी - इलेक्ट्रिक
6. विदेशी। सुनल आन्लाइन् और अन्लाइन् - अन्लाइन्, अन्लाइन् इलेक्ट्रिक

स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमिस्टर 1 / कोर्स 1
हिन्दी साहित्य का इतिहास
कविता, कथा, नाटक

कोर्स 2

उत्तर 1: इतिहास, कविता, हिन्दी साहित्यीकरण, लेखन, कला

काल, विमर्शना, सीमांकन, नामकरण

उत्तर 2: हिन्दी साहित्य का आधिकारिक पुनर्गठन एवं प्रतिक्रिया, सिद्ध एवं अर्थ, कवि

साहित्य, कवि, काल, कविता, कथा, कथा, कथा, कथा

उत्तर 3: कविता, कथा, कथा, कथा, कथा, कथा, कथा, कथा, कथा, कथा

कला, कला, कला, कला, कला, कला, कला, कला

उत्तर 4: कथा, कथा, कथा

कथा, कथा, कथा, कथा, कथा, कथा, कथा, कथा

उत्तर 5: कविता, कथा, कथा, कथा, कथा, कथा, कथा, कथा

कथा, कथा, कथा, कथा, कथा, कथा

काल एवं अर्थ

काल 2, 10

काल 10

1. कविता, कथा (कथा)

10, 10, 10, 10

2. कथा, कथा, कथा, कथा, कथा, कथा

10, 10, 10, 10, 10, 10

3. कथा, कथा, कथा, कथा, कथा, कथा

10, 10, 10, 10, 10, 10

10

4. कथा, कथा, कथा, कथा, कथा, कथा

10, 10, 10, 10, 10, 10

कुल अंक 100

अनुसंधान प्रश्न

1. कविता का इतिहास कविता, कथा, कथा, कथा, कथा, कथा

2. हिन्दी साहित्य का इतिहास - कथा, कथा, कथा, कथा, कथा, कथा

3. हिन्दी साहित्य का इतिहास - कथा, कथा, कथा, कथा, कथा, कथा

4. कथा, कथा, कथा, कथा, कथा, कथा, कथा, कथा

5. कथा, कथा, कथा, कथा, कथा, कथा, कथा, कथा



स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमेस्टर 1 / कोर 2

अनुसूचित पाठ

कोर 2

इकाई 1. कटुवाद का विकास

इकाई 2. कालकृत युग एवं विपरीत युग - स्तुति, विरोध एवं युग की

इकाई 3. आत्मवाद एवं अस्तित्ववाद - प्रतीक, विरोध एवं युग की

इकाई 4. प्रयोगवाद एवं नयी कविता - स्तुति, विरोध एवं युग की

इकाई 5. हिन्दी गद्य का विकास - कटुवाद, कालकृत युग, विरोध, प्रतीक

समय एवं अंक विवरण

समय 3 घंटे

पूर्णांक 100

1. वैयक्तिक उत्तर (लिखित)

प्रश्न 2 का अंक

2. चार सत्यों में से दो परीक्षा उत्तर दें

प्रश्न 3 का अंक

3. चार सत्यों में से दो उत्तर दें

प्रश्न 4 का अंक

अंक

नोट - 1. आभारिका पूरा करें

कुल अंक 100

अनुसूचित प्रश्न

1. साहित्य का इतिहास पढ़ें - इस अध्यायिकात्मक कार्य का अर्थ है कि आप अपने उत्तरों में, अपने

2. हिन्दी साहित्य का इतिहास - आपका उत्तर एक सत्यों में से दो उत्तर देंगे, एक

3. हिन्दी साहित्य का इतिहास - उत्तर दें - दो सत्यों में से दो उत्तर देंगे, एक

4. वैयक्तिक हिन्दी साहित्य - आप अपने उत्तरों में, अपने उत्तरों में, अपने उत्तरों में, अपने

5. हिन्दी साहित्य का वैयक्तिक इतिहास - इस अध्यायिकात्मक कार्य का अर्थ है कि आप अपने उत्तरों में, अपने

स्नातकोत्तर हिन्दी
प्रथम वर्ष/सत्रिस्टर 1/ कोर 3

हरिवाचन एवं चरितवाचन शीर्षक

कोर 3

इकाई 1: असीर प्रियावली - संपादक : मदनमदन, पान: 100, 100, 100, 100

गुणदेव को अंग : 1 से 20, सुमिल को अंग : 1 से 20

विद्या को अंग : 1 से 10 एक एक 1 से 10 एक एक

इकाई 2: अमरगोप मात, 1 से 20 पर - को संपादक मूलक, पान: 100, 100, 100

इकाई 3: अमरगोपमात (सुन्दरमदन, अमरगोप, 100, 100, 100) अमरगोप, 100, 100

इकाई 4: अमरगोप, 1 से 10 पर - को संपादक मूलक, पान: 100, 100, 100

इकाई 5: अमरगोप (अमरगोप) : 100, अमरगोप अमरगोप, अमरगोप 1 से 20 पर

अंग एवं अंग क्रमांक

अंग 3 पर

एकिक 10

1. अमरगोप अंग (अमरगोप)

10 x 2 = 20

2. अमरगोपमात में से दो अमरगोप अमरगोप

2 x 10 = 20

3. अमरगोपमात में से दो अमरगोप

2 x 10 = 20

10

अंग - 1: अमरगोप अमरगोप

10

कुल अंग 100

अनुसूचित गुणक

1. अंग : अंग अमरगोपमात अमरगोप, अमरगोप अमरगोप, अमरगोप

2. अमरगोपमात : अमरगोप अमरगोप अमरगोप, अमरगोप अमरगोप, अमरगोप

3. अमरगोपमात : अंग अमरगोपमात अमरगोप, अमरगोप अमरगोप, अमरगोप

4. अमरगोपमात अंग अमरगोपमात : अमरगोप - अंग अमरगोप

5. अमरगोपमात अमरगोपमात : अंग अमरगोपमात अमरगोप/अंग अमरगोप अमरगोप



स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमिस्टर 2 / EC-1
शोध प्रविधि

EC-1

- इकाई 1. शोध - परिचय, सन्दर्भ, मूल्य, प्रयोग एवं प्रदर्शनीय शोध और अवलोकन
 इकाई 2. सांख्यिकीय शोध में सिद्धान्त, सांख्यिकीय शोध एवं वैश्विक शोध में अन्त
 इकाई 3. शोधार्थी एवं शोध निर्देशक - गुणगूढ अर्थव्यवस्था
 इकाई 4. शोध - विषय चयन, स्वीकृति प्रक्रिया, कार्यालय निर्धारण, शोध को प्रस्तुत करना
 इकाई 5. शोध - शोध की शक्त, शोध के विभिन्न प्रकार एवं अवसर, शोध की प्रदर्शनीय
 पाठ/विश्लेषण, समाप्ति एवं नवीन प्रश्न

शोध एवं शोध निर्देशक

भाग 3.10

	पूर्वक 10
1. वैश्विक शोध (समूहिक)	10 x 2 = 20
2. अन्तःसमूहिक शोध में शोध निर्देशक अर्थव्यवस्था	2 x 5 = 10
3. शोधार्थी शोधार्थी - शोधार्थी अर्थव्यवस्था	3 x 5 = 15
4. एक प्रश्न शोध	1 x 5 = 5
	20
	35
शोध - 1.1. सांख्यिकीय प्रदर्शनीय	100

शोध प्रविधि -

1. शोध प्रविधि : अन्तःसमूहिक शोध, शोध निर्देशक, शोध निर्देशक
2. अन्तःसमूहिक शोध : शोध निर्देशक शोध निर्देशक शोध निर्देशक शोध निर्देशक
3. अन्तःसमूहिक शोध : शोध निर्देशक शोध निर्देशक शोध निर्देशक शोध निर्देशक
4. शोध : शोध निर्देशक शोध निर्देशक शोध निर्देशक शोध निर्देशक



स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमिस्टर 2 / कोर 4

भाषा विद्यालय एवं हिन्दी भाषा

कोर 4

इकाई 1: भाषा एवं भाषा विज्ञान की परिभाषा, भाषाशास्त्र के विभिन्न शाखाएँ
भाषा में भाषा आसक्ति एवं भाषा विज्ञान की भूमिका

इकाई 2: भाषा का वर्गीकरण : अरिस्टॉटल एवं अकुरुटियस, भाषा के विभिन्न भागों की विशेषताएँ और हिन्दी

इकाई 3: स्वयं कीर्तना से ज्ञान व विचार, सर्वे कीर्तना के अर्थ व विचार
भाषाशास्त्र की परिभाषा - अरिस्टॉटल एवं अकुरुटियस, भाषा की परिभाषा एवं अर्थ

इकाई 4: हिन्दी भाषा का प्रारम्भ एवं विकास, संस्कृत एवं उर्दू भाषा के साथ हिन्दी
संस्कृत से भाषा के विकास की अवधि, उर्दू भाषा से संस्कृत रूप की हिन्दी

इकाई 5: हिन्दी भाषाशास्त्र, उपादान और संस्कृत, अरिस्टॉटल की भाषाशास्त्र की हिन्दी
विभागीय, भाषा की प्रारम्भ, विकास एवं अर्थ की विशेषताएँ

भाषा एवं भाषा विज्ञान

कक्षा 3 थी

पूर्विक 10

1. वैयक्तिक प्रश्न (अनुविष्ट)

10 x 2 = 20

2. भाषा अनुसंधान से से से सम्बन्धित प्रश्न

2 x 10 = 20

3. भाषा की परिभाषा से से से सम्बन्धित

2 x 10 = 20

10

कुल - 1. वैयक्तिक अनुसंधान

कुल 100

100

संदर्भ पुस्तकें -

1. भाषा विज्ञान की परिभाषा : अरिस्टॉटल, अकुरुटियस, उर्दू भाषा, हिन्दी

2. भाषा विज्ञान : डॉ. श्रीरामचन्द्र शर्मा, अकुरुटियस, हिन्दी

3. हिन्दी भाषा का विकास : डॉ. श्रीरामचन्द्र शर्मा, अकुरुटियस, हिन्दी

4. भाषा विज्ञान और हिन्दी : डॉ. श्रीरामचन्द्र शर्मा/अकुरुटियस, अकुरुटियस, हिन्दी



स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमिस्टर 2 / कोर्स 5

भारतीय साहित्य की हिन्दी साक्षरता

कोर्स 5

इकाई-1. सायब ताम्बा, सत्यार्थी, कल्प अर्जुन, चन्द्रशेखर

इकाई-2. सायब सिद्धान्त (प्रमुख सिद्धान्त)

- 0. रस सिद्धान्त की अवधारणा, तत्त्वविधि, व्यञ्जनीकरण
- 0. नर्तकानु सिद्धान्त : अवधारणा, विशेषताएँ
- 0. पौष्पि दस, गजोत्तम सिद्धान्त : अवधारणा एवं विशेषताएँ
- 0. शक्ति सिद्धान्त : अवधारणा एवं विशेषताएँ

इकाई-3 रस - रस की परिभाषा एवं विभिन्न रूप, रस की उत्पत्ति, व्यञ्जनीकरण
इस अर्थ में रस का सम्बन्ध साहित्यकार से

इकाई-4. हिन्दी साक्षरता : पाठ्यक्रम एवं विद्यालय, हिन्दी की मुख्य साक्षरता

इकाई-5. हिन्दी साक्षरता की विधियाँ एवं : स्वतंत्रतापूर्वकालीन साक्षरता
और राष्ट्रीय समीक्षा

कल्प एवं शक्ति सिद्धान्त
काल 3 घंटे

- 1. वैशेषिकता प्रत्येक (वस्तुनिष्ठ)
- 2. कोर्स अनुसूची में से दो कोर्सों का अर्थ बताएँ
- 3. कल्प एवं शक्ति सिद्धान्त में से दो कोर्सों का अर्थ बताएँ

पूर्विक 15

10 से 2-10-20

2-10 से 10-20

2-10 से 10-20

15

नोट - 1. आचार्यिक सुन्दरता

कुल अंक: 100

संदर्भ पुस्तकें -

- 1. भारतीय साहित्यशास्त्र - तारकेश्वर तिलक, विश्वविद्यालय प्रकाशन, बनारस
- 2. साहित्यशास्त्र की भूमिका - डॉ. अर्जुन, नेपाल अधिराज्य काठमाडौं, नई दिल्ली 2
- 3. रस सिद्धान्त - डॉ. अर्जुन, नेपाल अधिराज्य काठमाडौं, नई दिल्ली 2
- 4. हिन्दी साक्षरता - विश्वविद्यालय दिल्ली, संस्कृत-संस्कृत प्रकाशन
- 5. हिन्दी साक्षरता का विकास - डॉ. अर्जुन, नेपाल अधिराज्य काठमाडौं, नई दिल्ली 2

स्नातकोत्तर हिन्दी
प्रथम वर्ष / सेमिस्टर 3 / कोर 8

समस्त सामान्य की परीक्षा

कोर 8

इकाई 1. पीठा

अर्थ :- अनुसूचित अरबी एवं सिन्ध का विद्यालय

इकाई 2. मीराबाईसाँस का तुलना सिद्धांत और आन्तरिक अर्थत्व

इकाई 3. क्लेश का काव्य विद्यालय

इकाई 4. टी. एण्ड इतिहास - तुलना और वैदिक ऋषि

त्रिभुजितामर का विद्यालय : अनुसूचित का संभव

इकाई 5. अर्थशास्त्र, अर्थशास्त्र एवं अर्थ, अर्थ, अनुसूचित, अनुसूचित

समस्त परीक्षा विद्यालय

समस्त 8 परी

पूर्विक 10

1. वैदिकीय अर्थ (अनुसूचित)

10 x 2 = 20

2. अर्थ अनुसूचित व अर्थ अर्थ अनुसूचित अर्थत्व

2 x 10 = 20

3. अर्थ अर्थ अनुसूचित व अर्थ अनुसूचित

2 x 10 = 20

40

संद - 1. अनुसूचित अनुसूचित

_____ 20
कुल अर्थ 60

सर्वत्र अनुसूचित -

1. अनुसूचित अनुसूचित विद्यालय - 100 अनुसूचित अर्थ, अनुसूचित अनुसूचित

2. अनुसूचित अनुसूचित - 100 अनुसूचित अर्थ, अनुसूचित अनुसूचित अनुसूचित, अनुसूचित अनुसूचित

3. अनुसूचित अनुसूचित - 100 अनुसूचित

4. अनुसूचित अनुसूचित अनुसूचित अनुसूचित - 100 अनुसूचित अनुसूचित

5. अनुसूचित अनुसूचित - 100 अनुसूचित अनुसूचित, अनुसूचित अनुसूचित अनुसूचित



स्नातकोत्तर हिन्दी
द्वितीय वर्ष / सेमिस्टर 3 / कोर 7

वाचनिक हिन्दी कथ

सम 4

प्रश्न 1. कालिदास : कालिदास / श्रीमद्भागवत पुराण

प्रश्न 2. पद्मिनी : पद्मिनी / श्रीमद्भागवत पुराण

प्रश्न 3. कालिदास : कालिदास / श्रीमद्भागवत पुराण

प्रश्न 4. कालिदास : कालिदास / श्रीमद्भागवत पुराण

प्रश्न 5. कालिदास : कालिदास / श्रीमद्भागवत पुराण

कथ 1 व 2 का विवरण

कथ 3 की

पूर्ति 75

1. कालिदास पुराण (श्रीमद्भागवत)

100-2-1-10

2. कालिदास पुराण (श्रीमद्भागवत)

100-2-1-10

3. कालिदास पुराण (श्रीमद्भागवत)

100-2-1-10

30

4. कालिदास पुराण (श्रीमद्भागवत)

30

कुल अंक

100

प्रश्न 6. कालिदास -

1. कालिदास : कालिदास / श्रीमद्भागवत पुराण

2. कालिदास : कालिदास / श्रीमद्भागवत पुराण

3. कालिदास : कालिदास / श्रीमद्भागवत पुराण

4. कालिदास : कालिदास / श्रीमद्भागवत पुराण

5. कालिदास : कालिदास / श्रीमद्भागवत पुराण

6. कालिदास : कालिदास / श्रीमद्भागवत पुराण



स्नातकोत्तर हिन्दी
द्वितीय वर्ष / सेमिस्टर 3 / कोर 8

प्रयोगशुद्ध हिन्दी

कोर. 8।

इकाई 1. प्रयोगशुद्ध हिन्दी की आवश्यकता, महत्त्व एवं सिद्धांत

इकाई 2. प्रयोगशुद्ध हिन्दी कोर एवं शब्द प्रयोग

प्रयोगशुद्धताक हिन्दी की आवश्यकता के अर्थ

इकाई 3. प्रयोगशुद्धताक हिन्दी : भाषाशास्त्र, व्याकरण एवं शब्दावली

इकाई 4. वाक्यांश, विलोम की विभक्ति, एकाद, सङ्ख्याक हिन्दी की रचना एवं विशिष्ट

इकाई 5. व्यंजनमाला, व्यंजनसंज्ञा, व्यंजनसंज्ञाक व्यंजनसंज्ञा की रचना एवं महत्त्व

व्यंजनसंज्ञाक व्यंजनसंज्ञा - व्यंजनसंज्ञा, व्यंजनसंज्ञाक व्यंजनसंज्ञा, व्यंजनसंज्ञाक व्यंजनसंज्ञा

काम एवं अंक विवरण

काम 8 घंटे

पूर्वक 10

1. वैयक्तिक काम (आवृत्ति)

10 x 2 = 20

2. काम आवृत्ति एवं अंक प्रयोग आवृत्ति

10 x 2 = 20

3. काम अंक आवृत्ति एवं अंक प्रयोग

10 x 2 = 20

70

टीका - 1. आवृत्ति आवृत्ति

कुल अंक 100

संदर्भ पुस्तकें -

1. प्रयोगशुद्धताक हिन्दी : डॉ. चोलेचरण शर्मा, संस्कृत विश्वविद्यालय, बनारस

2. प्रयोगशुद्धताक हिन्दी : डॉ. विवेक चंद्र शर्मा

3. भाषाशास्त्रक हिन्दी : डॉ. अमृतमणि शर्मा

4. व्याकरणक हिन्दी : डॉ. अमृतमणि शर्मा

5. व्यंजनसंज्ञाक व्यंजनसंज्ञा : डॉ. अमृतमणि शर्मा, बनारस विश्वविद्यालय

6. वाक्यांशक हिन्दी : डॉ. अमृतमणि शर्मा, बनारस विश्वविद्यालय, बनारस, हिन्दी



स्नातकोत्तर हिन्दी
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हिन्दी प्रवृत्तियाँ एवं प्रश्नोत्तर
कक्षा 3 की छात्रों से हिन्दी एवं का कथन

कोर 9

- इकाई 1. हिन्दी प्रवृत्तियाँ : अन्वेषण, साधन एवं अर्थ
इकाई 2. हिन्दी प्रवृत्तियाँ : प्रश्न, विचार एवं पुनर्विचार
इकाई 3. सांस्कृतिक एवं प्रजासत्ता की अर्थव्यवस्था, अन्वेषण एवं अर्थ
इकाई 4. सांस्कृतिक प्रजासत्ता, जीवन अर्थव्यवस्था, अर्थव्यवस्था, अर्थव्यवस्था, अर्थव्यवस्था
इकाई 5. अर्थव्यवस्था - अर्थव्यवस्था, अर्थव्यवस्था, अर्थव्यवस्था एवं अर्थव्यवस्था

कक्षा एवं अर्थव्यवस्था

कक्षा 3 की

पूर्वक 20

1. वैयक्तिक प्रश्न (अर्थव्यवस्था)	10 + 2 = 20
2. साधन अर्थव्यवस्था में से दो प्रश्नोत्तर अर्थव्यवस्था	2 x 10 = 20
3. साधन अर्थव्यवस्था में से दो प्रश्नोत्तर	<u>2 x 10 = 20</u>
	50
नोट - 1. अर्थव्यवस्था अर्थव्यवस्था	<u> </u>
	कुल अर्थव्यवस्था

साधन प्रश्नोत्तर -

1. साधन अर्थव्यवस्था : अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था
 2. साधन अर्थव्यवस्था अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था
 3. साधन अर्थव्यवस्था अर्थव्यवस्था में अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था
- अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था
4. साधन अर्थव्यवस्था अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था
 5. साधन अर्थव्यवस्था अर्थव्यवस्था : अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था अर्थव्यवस्था



स्नातकोत्तर हिन्दी
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हिन्दी धरमार्थ एवं कवि

CC 10

- इकाई 1. गीतार : विद्यालक्ष्मी
इकाई 2. गीता जीवित : अनीलकण्ठ शर्मा
इकाई 3. कविता : कर्मभूषण / उपलब्ध, अनीलकण्ठ शर्मा : अनीलकण्ठ शर्मा
इकाई 4. कविता : गीतार : विद्यालक्ष्मी, अनीलकण्ठ शर्मा
इकाई 5. कविता : गीतार : विद्यालक्ष्मी, अनीलकण्ठ शर्मा, अनीलकण्ठ शर्मा

धरमार्थ एवं कवि

धरमार्थ

कवि

1. गीतार (विद्यालक्ष्मी)	100
2. गीतार (अनीलकण्ठ शर्मा)	100
3. गीतार (अनीलकण्ठ शर्मा)	100
	300
मार्क — 1. धरमार्थ	300
	300

कवि

1. गीतार (विद्यालक्ष्मी) — 100
2. गीतार (अनीलकण्ठ शर्मा) — 100
3. गीतार (अनीलकण्ठ शर्मा) — 100
4. गीतार (अनीलकण्ठ शर्मा) — 100
5. गीतार (अनीलकण्ठ शर्मा) — 100



स्नातकोत्तर हिन्दी
द्वितीय वर्ष/सेमेस्टर 4/ कोर CC 11

हिन्दी पाठ्य, एकांकी एवं तुल्य पाठ्य

CC 11

- इकाई 1. चालचतुरा : अमरीश्वर प्रसाद
इकाई 2. अगे अगरे : मोहन रासदा
इकाई 3. एकांकी – कवि के कवि : मुन्शीराम
इकाई 4. एकांकी – किड़ की इदकरी : जगदीशचन्द्र शर्मा
इकाई 5. तुल्य पाठ्य – अरेराव : रामदास तिलक
प्रश्नानुसंधान : वीरेन्द्र शर्मा : चन्द्रशेखर वर्मा

एक से अधिक विकल्प

एक से अधिक

पूर्विक 10

1. विकल्पिक पाठ्य (वैकल्पिक)	10 × 2 = 20
2. एक प्रश्नोत्तरांक में से दो प्रश्नों का उत्तर देना	2 × 10 = 20
3. एक दीर्घवाक्य में से दो प्रश्नोत्तर	2 × 10 = 20
	50
नोट – 1. सार्वजनिक सुधारण	50
	कुल अंक 100

पाठ्य पुस्तकें –

1. अरेराव : श्री. मोरार : 100 विद्यमान पुस्तकें, अनुसंधान प्रकाशन, बनारस
2. हिन्दी एकांकी की विकल्पिक का विकास : 100 विद्यमान पुस्तकें, अनुसंधान प्रकाशन, बनारस
3. अगे अगरे : विकल्पिक की शिवालय : 100 विद्यमान पुस्तकें, अनुसंधान प्रकाशन, बनारस



स्नातकोत्तर हिन्दी
द्वितीय वर्ष / सेमिस्टर 4 / कोर्स EC3
कक्षा 3 की 1 व 2 से की गई पर
(क) विषय 14 - अनुवाद

- इकाई 1. अनुवाद : परिभाषा, क्षेत्र एवं क्षेत्रों
 इकाई 2. अनुवाद का प्रकार - कक्षा में विद्यमान अनुवाद तथा अनुपस्थित का विवरण
 इकाई 3. अनुवाद को प्रेरित करने वाले विचार
 इकाई 4. अनुवाद के विभिन्न रूप - लक्षित/अनुवाद, सांस्कृतिक अनुवाद, अनुपस्थित
 इकाई 5. अनुवाद को समझना और व्यक्तिकरण

(ख) विषय 14 - हिन्दी लेख (संक्षिप्त) पठित

- इकाई 1. लोक साहित्य : अन्वयार्थ, सत्य-व्यतिरेक, लोक साहित्य और विभिन्न शैलियाँ
 इकाई 2. लोक साहित्य के विभिन्न प्रकार - लोकगीत, भोजनकथा, विचरकथा, उलझाव, खेती-मिथों
 इकाई 3. लोकगीत - संक्षेप, विशेषताएँ एवं प्रकार - संक्षेप गीत, भेदक, चिन्तक गीत, देवगीत, भक्त गझरी गीत, अन्य लोकगीत - रोहरी, रूढ़ी, जेठका, सत्य गीत, उदियार एवं आठमस की लतावादी में से किसी एक का चयन
 इकाई 4. लोककथाएँ एवं लोकगीत - संक्षेप विशेषताएँ एवं प्रकार
 इकाई 5. लोकनाट्य : अन्वय, विशेषताएँ एवं प्रकार

कक्षा एवं कीट विभाग

	कक्षा 3 की	पूर्विक 14
1. वैयक्तिक काम (समूह/व्यक्ति)	10	10
2. पाठ समुदायिक में से जो परीक्षा व्यक्तियाँ	20	20
3. पाठ-वीथी/आशीर्वाद में से जो व्यक्तियाँ	20	20
	50	50
मार्क - 4 (आवश्यक अनुसंधान)	10	10
	60	60

भाष्य/सूचनाएँ :-

1. अनुवाद विभाग : परीक्षाएँ लिखीं
2. अनुवाद विभाग : का अनुपस्थित लिखीं
3. अनुवाद कक्षा : विभाग और प्रश्न - का अनुपस्थित लिखीं
4. हिन्दी प्रदेश के साहित्य : अनुपस्थित लिखीं
5. हिन्दी साहित्य का दूसरा इतिहास : अनुपस्थित लिखीं
6. कक्षा की विशेषताएँ :- का अनुपस्थित लिखीं
7. कक्षा में अनुपस्थित/आशीर्वाद गीत के अर्थों में अनुपस्थित लिखीं
8. कक्षा में अनुपस्थित गीत :- का अनुपस्थित लिखीं

स्नातकोत्तर हिन्दी
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लघु शोध लेखन

लघु शोध लेखन

पाठ्यक्रम : हिन्दी भाषा साहित्य से संबंधित किसी विषय पर 50 पृष्ठों का लघु शोध लेखन

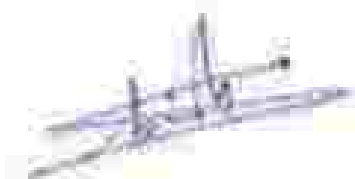
अंक विभाजन

पूर्णांक 150

शोध लेखन = 100

शीटिंग = 50

कुल अंक 150



अनुवाद-सौरभ

इकाई-1

1. अनुवाद का अर्थ, महत्व एवं प्रकार
2. भाषा की शाखाएँ परिचय
3. अनुवाद की सांस्कृतिक संवेदनशीलता, अनुवाद-संज्ञा, अनुवाद और उसके अर्थ, अनुवाद कार्य में सांस्कृतिकता

इकाई-2

1. अनुवाद की शाखाएँ- विपिन प्रतियोगिता
2. अनुवाद-प्रक्रिया
3. अनुवाद की संवेदनशीलता

इकाई-3 : अनुवाद प्रभाव - 1 अर्थों के विचार एवं विचार के अर्थ

1. सांस्कृतिक संवेदनशीलता
2. ज्ञान-विज्ञान और सांस्कृतिक संवेदनशीलता
3. सांस्कृतिक विज्ञान

इकाई-4 : अनुवाद प्रभाव - 2 अर्थों के विचार एवं विचार के अर्थ

1. अनुवाद
2. सांस्कृतिक अनुवाद
3. वैश्व अनुवाद
4. विधि अनुवाद

संदर्भ ग्रंथ :

अनुवाद की सांस्कृतिक विज्ञान (अर्थशास्त्र, अर्थशास्त्र, अनुवाद) की सांस्कृतिक विज्ञान

अनुवाद : सांस्कृतिक विज्ञान और अनुवाद : अर्थशास्त्र

अनुवाद के विचार - अर्थशास्त्र, अनुवाद : अर्थशास्त्र

अर्थशास्त्र और अनुवाद : अर्थशास्त्र

अनुवाद विज्ञान और अनुवाद - अर्थशास्त्र और अनुवाद : अर्थशास्त्र

अनुवाद विज्ञान : विज्ञान और अनुवाद - अर्थशास्त्र

विधि अनुवाद : विज्ञान और अनुवाद : अर्थशास्त्र

अनुवाद विज्ञान की अर्थशास्त्र, अर्थशास्त्र - अर्थशास्त्र, अर्थशास्त्र