

KURUKSHETRA UNIVERSITY, KURUKSHETRA
Scheme of Examination for Undergraduate Programme (Interdisciplinary)
Bachelor of Commerce (Scheme- D)
as per NEP-2020 Curriculum Framework

(Multiple Entry-Exit, Internships and Choice Based Credit System LOCF) w.e.f. the session 2023-2024 (in phased manner)

Semester	Course Type	Course Code	Nomenclature of Course	Credits			Contact Hours L: Lecture P: Practical T: Tutorial			Internal Assessment Marks		End Term Examinations Marks		Total Marks	Examination Hours	
				Total	Theory (T)	Tutorial (T)	L	T	Total	T	T/P	T	T/P		T	T/P
FIRST YEAR SCHEME																
I	CC-1	B23-COM-101	Financial Accounting	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-2	B23-COM-102	Business Laws	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-3	B23-COM-103	Business Management	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-M1	B23-COM-104	Business Mathematics-I	2	1	1	1	1	2	15	-	35	-	50	3	-
	MDC-1	B23-COM-105	Personal Finance	3	2	1	2	1	3	25	-	50	-	75	3	-
	AEC-1	Select one course from the pool of Ability Enhancement Courses (AEC)														
	SEC-1	Select one course from the pool of Skill Enhancement Courses (SEC)														
	VAC-1	Select one course from the pool of Value Added Courses (VAC)														

II	CC-4	B23-COM-201	Computerized Accounting System *	4	2	2	2	4	6	20	10 (P)	50	20 (P)	100	3	3
	CC-5	B23-COM-202	Company Law	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-6	B23-COM-203	Principles of Marketing	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-M2	B23-COM-204	Business Mathematics-II	2	1	1	1	1	2	15	-	35	-	50	3	-
	MDC-2	B23-COM-205	Fundamentals of Banking and Insurance	3	2	1	2	1	3	25	-	50	-	75	3	-
AEC-2	Select one course from the pool of Ability Enhancement Courses (AEC)															
SEC-2	Select one course from the pool of Skill Enhancement Courses (SEC)															
VAC-2	Select one course from the pool of Value Added Courses (VAC)															
SECOND YEAR SCHEME																
III	CC-7	B23-COM-301	Corporate Accounting-I	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-8	B23-COM-302	Income Tax Law-I	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-9	B23-COM-303	Banking and Insurance	4	3	1	3	1	4	30	-	70	-	100	3	-
	CC-M3	B23-COM-304	Business Economics	4	3	1	3	1	4	30	-	70	-	100	3	-
	MDC-3	B23-COM-305	Fundamentals of Indian Capital Markets	3	2	1	2	1	3	25	-	50	-	75	3	-
AEC-3	Select one course from the pool of Ability Enhancement Courses (AEC)															
SEC-3	Select one course from the pool of Skill Enhancement Courses (SEC)															

Session 2023-2024			
Part-A Introduction			
Subject	Commerce		
Semester	I		
Name of the Course	Financial Accounting		
Course Code	B23-COM-101		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-1		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. develop the understanding of theoretical framework of financial accounting, artificial intelligence and data analytics, accounting standards and accounting cycle. 2. prepare the financial statements of companies and apply the knowledge of depreciation accounting. 3. understand and prepare the accounts for the non-profit organizations and consignment accounts. 4. prepare the branch accounts and knowing the accounting treatment in hire purchase & installment payment accounts. 		
	5*.		
	Theory	Tutorial	Total
Credits	3	1	4
Internal Assessment Marks	30	-	30
End Term Exam Marks	70	-	70
Exam Time	3 Hrs.	-	3 Hrs.
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprise of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit. About 40% questions should be numerical type. 2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question. 			
Unit	Topics		Contact Hours
I	Financial accounting: Concept, objectives & scope; Accounting as an information system; Accounting principles: Concepts and		14

	conventions; Double entry system; A brief overview of accounting standards in India; Journal, Ledger & trial balance.	
II	Capital and revenue: Concept and classification of income; Expenditure; Receipts; Provisions & reserves. Final Accounts: Trading & Profit and loss account and balance sheet with adjustments.	14
III	Accounting for non-profit organizations; Consignment accounts: accounting records; Normal and abnormal loss; Valuation of unsold stock.	16
IV	Branch accounts: dependent branch, debtor's system, stock and debtor system; Wholesale branch, Final accounts; Hire purchase and installment payment system: basic concepts, difference and accounting treatment.	16
V*	----	
Suggested Evaluation Methods		
Internal Assessment:		End Term Exam
<ul style="list-style-type: none"> ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam 		
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Gupta R. L. and Radhaswamy, M., Financial Accounting, Sultan Chand and Sons, New Delhi. • Hanif & Mukherjee., 2016. Financial Accounting. Tata McGraw Hill. • Lal Jawahar, Seema Srivastava & Shivani Abrol, Financial Accounting Text and Problems, Himalaya Publishing House, New Delhi. • Maheswari S. N. and Maheswari S. K.: Financial Accounting, Vikas Publishing House, Noida. • Sehgal Ashok & Sehgal Deepak, Fundamentals of Financial Accounting, Taxmann, New Delhi. 		

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	I		
Name of the Course	Business Laws		
Course Code	B23-COM-102		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-2		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand the provisions of Indian Contract Act. 2. know the obligations of buyer and seller for making the business agreements and contracts. 3. apply skills to initiate entrepreneurial ventures as partnership and LLP. 4. understand the concepts & scope of negotiable instruments and legal safeguards in Information Technology. 		
	5*.		
	Theory	Tutorial	Total
Credits	3	1	4
Internal Assessment Marks	30	-	30
End Term Exam Marks	70	-	70
Exam Time	3 Hrs.	-	3 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit.
2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	The Indian Contract Act,1872: nature and classification of contracts; Essentials of a valid contract; An overview of Proposal and acceptance, Capacity of parties to contract, Free consent, Lawful consideration, Lawful object; Void Agreement; Performance of contract; Discharge of contract; Remedies for	15

	breach of contract.	
II	Sale of Goods Act, 1930: Formation of contract of sale; Goods and their classification; Price; Conditions and warranties; Transfer of ownership in goods; Performance of the contract of sale; Remedies: unpaid seller and his rights, buyer's remedies; Auction sale, Online auction.	15
III	Indian Partnership Act 1932: Nature of firm; Duties and rights of partners; Liabilities of firm and partner; Limited Liability Partnership Act, 2008: concepts, characteristics of LLP; Incorporation of LLP; LLP agreement, Extent & limitations of liabilities of LLP and partners.	15
IV	Negotiable Instruments Act, 1881: scope, features and types; Negotiation; Crossing; Dishonor and discharge of negotiable instruments. Information Technology Act, 2000: Purpose; Benefits and limitations; Digital signature; E-Governance; Attribution of electronic records, duties of subscribers; Penalties and adjudication offences.	15
V*		
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam:		End Term Exam
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Aggarwal Rohini, <i>Mercantile & Commercial Laws</i>, Taxmann Allied Services (P) Ltd., New Delhi. • Bhushan, Bharat. Kapoor, N.D., Abbi, Rajni, "Elements of Business Law". Sultan Chand & Sons Pvt. Ltd. • Bulchandani, K.R., <i>Business Laws</i>, Himalaya Publishing House, New Delhi. • Datey, V.S., <i>Business and Corporate Laws</i>, Taxmann Publications, New Delhi. • Kapoor, N.D., <i>Business Law</i>, Sultan Chand & Sons, New Delhi. • Kuchhal, M.C., Kuchhal Vivek, <i>Business Legislation for Management</i>, Vikas Publishing House Pvt. Ltd., New Delhi. • Tulsian, P.C., <i>Business Laws</i>, Tata McGraw Hill, New Delhi. 		

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	I		
Name of the Course	Business Management		
Course Code	B23-COM-103		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-3		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> gain knowledge about the conceptual framework of business management; development of management thoughts and knowing the emerging management thoughts. understand the utility and application of planning and organizing functions of management. assimilate and use the concepts of delegation, decentralization and staffing in organization. comprehend the concept and applications of leadership styles, and controlling practices in organizations. 		
	5*.------		
	Theory	Tutorial	Total
Credits	3	1	4
Internal Assessment Marks	30	-	30
End Term Exam Marks	70	-	70
Exam Time	3 Hrs.	-	3 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

- The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit.
- Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Introduction to Management: characteristics and significance, process and functions of management; Management: as science, art and profession; Approaches to management: Classical and neo classical approach, behavioral approach, management science	15

	approach, systems approach and contingency approach; Emerging management concepts.	
II	Planning: process and importance; Types of plans: Policy, programme, strategy, vision, mission, goals and objectives; Organizing: Principles and benefits of organizations; Organizational structure: Functional, line and staff, matrix, formal vs. informal; Organizational structure for large scale business organization, virtual organization.	15
III	Staffing: Importance, scope and modes of staffing; Delegation: Advantages, barriers to delegation, guidelines for effective delegation; Decentralization and Centralization: Advantages and disadvantages; Factors influencing decentralization; Directing; Coordination; Controlling: Characteristics and process of control, prerequisites of an effective control system, controlling techniques.	15
IV	Motivation: Objectives and significance; Approaches to motivation; Leadership: Significance and functions; Leadership styles; Approaches to leadership	15
V*	-	
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam:		End Term Exam
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Basu, C, Business Organisation and Management, McGraw Hill Education. • Bhattacharya Kumar Deepak, Principles of Management, Pearson, New Delhi. • Gupta, C.B.: Management: Theory and Practice, Sultan Chand & Sons, New Delhi • O'Donnel Cyril & Koontz Harold, Management, McGraw Hill, New Delhi. • Stephen P Robbins, David A DeCenzo, 'Fundamentals of Management, Essential Concepts and Applications • Tripathi, P.C. & Reddy, P.N., Principles of Management, Tata McGraw Hill, New Delhi. 		

* Applicable for courses having practical component.

Session 2023-2024			
Part-A Introduction			
Subject	Commerce		
Semester	I		
Name of the Course	Business Mathematics-1		
Course Code	B23-COM-104		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-M1		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand set theory, logical statements and truth tables. 2. learn the logarithms and arithmetic and geometric progressions and their applications. 3. familiarize with the concepts of matrices and determinants. Learn to solve system of simultaneous linear equations. 4. have the conceptual knowledge of Compound interest, annuity, loan, debenture and sinking funds and attain skills to use these concepts in daily life. 		
	5*.		
	Theory	Tutorial	Total
Credits	01	01	02
Internal Assessment Marks	15	-	15
End Term Exam Marks	35	-	35
Exam Time	3 Hrs.	-	3 Hrs.
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 1 marks each. Question Nos. 2 to 9 will carry 7 marks each, having two questions from each unit. About 40% questions should be numerical type. 2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question. 			
Unit	Topics		Contact Hours
I	Set Theory: Representation of sets, equivalent sets, power set, complement of a set. Venn Diagrams: Union and intersection of		8

	sets, De-Morgan's laws; Logical statements and truth tables.	
II	Logarithms: Laws of operation, log tables; Arithmetic and geometric progression.	7
III	Matrices and Determinants: Definition of a matrix, order, equality, types of matrices; Operations on matrices: Addition, multiplication and multiplication with a scalar and their simple properties. Determinant of a square matrix (upto 3x 3 order): Properties of determinants, minors, co-factors and applications of determinants in finding the area of triangle, adjoint and inverse of a square matrix, solutions of a system of linear equations by examples.	8
IV	Compound interest and annuities: Different types of interest rates, types of annuities, present value and amount of an annuity (including the case of continuous compounding), valuation of simple loans and debentures, problems related to sinking funds.	7
V*		
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam:		End Term Exam
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Allen R.G.D., Basic Mathematics, Macmillan, New Delhi • D.C. Sancheti and V.K. Kapoor, Business Mathematics, Sultan Chand and Sons. • E. Don and J. Lerner (2009). Schaum outlines of Basic Business Mathematics, McGraw Hill. • Holden, Mathematics for Business and Economics, Macmillan India, New Delhi. • S.C. Gupta and V.K. Kapoor, Fundamentals of Mathematical Statistics, S. Chand & Sons, Delhi. 		

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	I		
Name of the Course	Personal Finance		
Course Code	B23-COM-105		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC-1		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand the basics of personal finance and personal financial planning. 2. gain the knowledge of investment and different investment avenues available for managing finance. 3. understand the relationship between investment risk and return and the role of regulatory environment in managing personal finance. 4. do insurance planning, tax and estate planning and retirement planning. 		
	Theory	Tutorial	Total
Credits	02	01	03
Internal Assessment Marks	25	-	25
End Term Exam Marks	50	-	50
Exam Time	3 Hrs.		3 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 9 marks each, having two questions from each unit.
2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Personal finance: Concept, need, principles, scope; Personal finance services and strategies; Personal financial planning: Process, factors affecting; Financial planner: Role and functions; Financial objectives; Time Value of Money: Compounding and discounting.	12

II	Basics of investment; Investment avenues and strategies; Mutual Funds: Concept, types, asset management companies, identifying mutual fund for investment; Investing in stock markets: Identifying stocks, holding, day trading, hedging instruments, etc.; Investing in real estate: Identifying properties, likely legal issues in purchase of property, documents in purchase of property; Other avenues for investment: Gold bonds, sovereign bonds, tax saving instruments, PPF, Provident Fund, etc.; loans: Sources and types; Identifying risky avenues for investment.	11
III	Calculating risk and return of various investment avenues; Calculating costs in investment and loans; Identifying hidden costs; Tax treatment of investment; Likely causes of cheating and fraud in investment; Institutional framework for investing: SEBI, IRDA, RERA, AMFI, bank ombudsman, etc.	11
IV	Insurance planning: Concept, importance; Types of insurance policies; Risk coverage and returns from insurance; Considerations in purchase of insurance policy; Retirement planning: Pension plans, NPS.	11

Suggested Evaluation Methods

Internal Assessment:

➤ **Theory**

Class Participation

Seminar/Presentation/Assignment/Quiz/Class Test etc.

Mid Term Exam

**End Term
Exam**

Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- Arthur J. Keown: Personal Finance, Pearson India.
- Halan, Monika, Lets Talk Money: You've Worked Hard for It, Now Make It Work for You, July 2018, Harper Business.
- Jack R. Kapoor, Les R. Dlabay, Robert J. Hughes, Melissa Hart: Personal Finance, Tata McGraw Hill India.
- Lewis Altfest: Personal Financial Planning, Tata McGraw Hill.
- Madura Jeff: Personal Finance, Pearson India.
- Sinha. Madhu, Financial Planning: A Ready Reckoner July 2017 McGraw Hill.

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	II		
Name of the Course	Computerized Accounting System*		
Course Code	B23-COM-201		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC-4		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand the concept of computerized accounting and be familiar with accounting software. 2. create company ledger, vouchers in accounts software. 3. prepare financial statements in Tally. 4. comply with tax regulations – GST, Income Tax, etc. <p>5*. make journal entries, ledgers, trial balance, profit and loss account, balance sheet and records, other business operations on Computerized accounting software, such as Tally Prime (Latest Version).</p>		
Credits	Theory	Practical	Total
	2	2	4
Internal Assessment Marks	20	10	30
End Term Exam Marks	50	20	70
Exam Time	3 Hrs.		3 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit.
2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Computerized Accounting System: Concept, Tally Prime, installations of Tally Prime, licensing configurations; Tally vault password: Security control in Tally Prime, data backup and restore, export and import data, edit log feature in tally; Gateway of Tally.	15
II	Company creation: Setup features, accounting features, configuration,	15

	shutting and deleting a company; Ledger creation: Creating single and multiple ledgers, altering, deleting and displaying ledger; Invoicing; Budgets; Cost centres; Interest calculations; Inventory: Stock items, purchase and sales orders processing, godowns.	
III	Financial Statements: Profit & loss account, balance sheet; Bank reconciliation; Debit and credit note; Tally audit features; Printing features; Management Information System & different reports in tally.	15
IV	Income tax and GST in Tally Prime; TDS; TCS; Payroll in Tally: Introduction, salary accounting, payroll masters, payroll vouchers, gratuity, provident fund, ESI, payroll reports.	15
V*	Procedures to create a company, prepare a profit and loss account, prepare Balance sheet, show some entries of TDS and TCS, GST entries in Tally Payroll in Tally.	

Suggested Evaluation Methods

<p>Internal Assessment:</p> <ul style="list-style-type: none"> ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam: ➤ Practicum Class Participation Seminar/Demonstration/Viva Voce/Lab Records etc. Mid Term Exam: 	End Term Exam
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Part-C Learning Resources

<p>Recommended Books/E-Resources/LMS:</p> <ul style="list-style-type: none"> • A.K. Nadhavi, Managing VAT with Tally 9 (Taxation), BPB Publications, New Delhi. • Ashok K. Nadavi, Tally Training Guide (Financial Accounting, Invoicing & Inventory), BPB Publications, New Delhi. • Ashok, K. Nadhavi, Kishor K. Nadhavi, Implementary Tally 9, BPB Publications, New Delhi. • Bansal Manoj, Computerized Accounting System, Sahitya Bhawan Publications. • Kavitha et. al., Computerized Accounting, Himalaya Publishing House. • Raman B.S. and Singh Ravi, Computerized Accounting System, EPBP Publication.
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* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	II		
Name of the Course	Company Law		
Course Code	B23-COM-202		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-5		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand the concept of company as form of business organization, regulatory framework and the process of incorporation. 2. elaborate on important documents of the company and their operational usefulness. 3. understand the procedure of raising capital, knowing rights & duties of Directors and Company Secretary. 4. apply the understanding of the regulatory provisions relating to dividend decisions and winding up of the company. 		
	5*.-		
	Theory	Tutorial	Total
Credits	03	01	04
Internal Assessment Marks	30	-	30
End Term Exam Marks	70	-	70
Exam Time	03 Hrs.		03Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit.
2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Company: Concept, characteristics, types; Conversion of private company into public company & vice versa; Incorporation of a company; Legal position of promoters; Pre-incorporation contracts.	14

II	Memorandum of Association: Clauses and alteration procedure, Doctrine of ultra vires; Articles of Association: Clauses and alteration; Doctrine of indoor management; Doctrine of constructive notice; Prospectus: Concept, types, contents and formalities of red herring & shelf prospectus, mis-statement and remedies, liabilities for misstatements in Prospectus.	16
III	Share capital: Types, issue and allotment of shares; Reduction of share capital; Board of Directors: Composition, legal position, qualification, appointment, powers, duties & liabilities and removal of directors; Company secretary: Role, appointment, duties, liabilities, rights and removal.	16
IV	Dividend: Types, factors affecting dividend decisions, Legal provisions, dividend practices prevalent in India; Winding up of a company: Reasons, modes, procedure and implications of winding up.	14
V*	-	
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam*		End Term Exam
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Bhushan, Bharat. Kapoor, N.D., Abbi, Rajni, <i>Elements of Company Law</i>. Sultan Chand & Sons Pvt. Ltd. • Kapoor N.D., <i>Elements of Company Law</i>, Sultan Chand & Sons, New Delhi. • Majumdar, A.K. and Kapoor, G.K., <i>Company Law</i>, Taxmann Publications. • Ramaiya A., <i>Guide to the Companies Act</i>, Wadhwa & Co, Nagpur. • Ratan Nolakha, <i>Company Law and Practice</i>, Vikas Publications, New Delhi. 		

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	II		
Name of the Course	Principles of Marketing		
Course Code	B23-COM-203		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC-6		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. understand the basic concepts of marketing and assess the marketing environment. 2. analyse the consumer behaviour in the present scenario and marketing segmentation. 3. discover the new product development and factors affecting the price of a product in the present context. 4. understand the promotional and distribution strategies along with the recent developments in the field of marketing. 		
Credits	Theory	Tutorial	Total
	03	01	04
Internal Assessment Marks	30	-	30
End Term Exam Marks	70	-	70
Exam Time	03 Hrs.		03 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

1. The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 14 marks each, having two questions from each unit.
2. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Marketing: Concept, nature, scope and importance; Evolution of Marketing; Understanding marketing in new perspectives; Marketing environment: Concept, importance; Micro environmental factors: Suppliers, marketing intermediaries, customers, competitors, public; Macro environmental factors: Demographic, economic, natural,	15

	technological, politico-legal and socio- cultural.	
II	Consumer behaviour: Concept, nature and importance, consumer buying decision process, factors Influencing consumer buying behaviour; Market segmentation: Concept, importance and bases; Target market selection; Positioning: Concept, importance and bases.	15
III	Product: Concept, importance and classification; Branding, Packaging and Labelling; Product life cycle; New product development; Pricing: Concept, significance, price determination, pricing methods, pricing policies and strategies.	15
IV	Promotion: Nature and importance; Advertising, personal selling, sales promotion and publicity/public relations; Factors affecting promotion mix decisions; Distribution: Concept, importance and types of distribution channels; Factors affecting choice of distribution channel; Retailing; Wholesaling. Overview of recent developments in marketing: Social marketing; Online marketing; Direct marketing; Green marketing; Relationship marketing.	15
V*	--	
Suggested Evaluation Methods		
Internal Assessment:		End Term Exam
<ul style="list-style-type: none"> ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam 		
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Grewal, Dhruv and Michael Levy; <i>Marketing</i>; Tata McGraw Hill. • Kumar Arun & Meenakshi N., <i>Marketing Management</i>, Vikas Publishing House Pvt. Ltd., New Delhi. Third Edition • Michael, J. Etzel, Bruce J. Walker, William J Stanton and Ajay Pandit, <i>Marketing: Concepts and Cases. (Special Indian Edition).</i>, McGraw Hill Education • Philip Kotler, <i>Principles of Marketing</i>. Pearson Education. • Ramaswami, V.S. and Namakumari, S.; <i>Marketing Management</i>; MacMillan India Ltd. • Saxena Rajan, <i>Marketing Management</i>, Tata McGraw-Hill Publishing Company Ltd., New Delhi. Fifth Edition. 		

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	II		
Name of the Course	Business Mathematics-II		
Course Code	B23-COM-204		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-M2		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> gain the knowledge to find derivatives simple functions related to commerce problems, attain skills to use application of derivatives in evaluating maxima and minima. learn to find integration of simple functions related to commerce and economic problems, attain skills to use application of integration in business and commerce problems. apply binomial theorem, learn the concept and applications of permutations and combinations. learn the concept of Linear programming and formulation of linear programming problems related to business and commerce. 		
	5*.		
	Theory	Tutorial	Total
Credits	01	01	02
Internal Assessment Marks	15	-	15
End Term Examination Marks	35	-	35
Examination Time	3Hrs	-	3 Hrs.
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 1 marks each. Question Nos. 2 to 9 will carry 7 marks each, having two questions from each unit. About 40% questions should be numerical type. Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question. 			

Unit	Topics	Contact Hours
I	Differentiation; derivative of simple functions and other functions (excluding trigonometric functions) having applications in business studies; Maxima and minima of Revenue, Cost, Demand, Production, Profit functions and other functions related to business and commerce.	6
II	Integration: Definite and indefinite (simple functions excluding trigonometric functions), basic rules of integration, application of integration in commercial and business problems.	6
III	Binomial Theorem; Permutations and Combinations.	6
IV	Linear programming: Formulation of linear programming problems (LPP) and their solution by graphical and simplex methods, Applications of linear programming in solving problems related to business and commerce.	7
V*	-	

Suggested Evaluation Methods

Internal Assessment:	End Term Exam
<ul style="list-style-type: none"> ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam 	

Part-C Learning Resources

Recommended Books/E-Resources/LMS:
<ul style="list-style-type: none"> • A.R. Vasishtha, Matrices, Krishna Prakashan (P) Media Ltd. • Allen R.G.D., Basic Mathematics, Macmillan, New Delhi • D.C. Sancheti and V.K. Kapoor, Business Mathematics, Sultan Chand and Sons. • Dowling E.T., Mathematics for Economics, Schaum Series, McGraw Hill, London. • E.T. Dowling, Schaum outlines of Calculus for Business, Economics and the Social Sciences. McGraw Hill. • Holden, Mathematics for Business and Economics, Macmillan India, New Delhi. • S.C. Gupta and V.K. Kapoor, Fundamentals of Mathematical Statistics, S. Chand & Sons, Delhi.

* Applicable for courses having practical component.

Session 2023-2024**Part-A Introduction**

Subject	Commerce		
Semester	II		
Name of the Course	Fundamentals of Banking and Insurance		
Course Code	B23-COM-205		
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/VAC	MDC-2		
Level of the course (As per Annexure-I);	100-199		
Pre-requisite for the course (if any)	NIL		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to:		
	1. know the basics of banking.		
	2. understand the banking instruments.		
	3. understand the basics of insurance.		
	4. learn about various types of insurance.		
	5*.-		
	Theory	Tutorial	Total
Credits	02	01	03
Internal Assessment Marks	25	-	25
End Term Exam Marks	50	-	50
Exam Time	3 Hrs.		3 Hrs.

Part-B Contents of the Course**Instructions for Paper Setters**

- The examiner will set 9 questions in all covering the course learning outcomes (CLOs). Question No. 1 will be compulsory and comprises of seven parts of 2 marks each. Question Nos. 2 to 9 will carry 9 marks each, having two questions from each unit.
- Students are required to attempt 5 questions in all, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Banking: Concept, features, functions, importance and principles of banking; Evolution of banking in India; Classifications of banks.	10
II	Banking instruments: Concept, types and crossing of cheques; Lending functions of a bank: Types of Advances: Secured & unsecured, loans- Short, medium and long Term Methods of granting advances; Utility services of a bank: Remittance through bank drafts; E Banking; Internet banking; Safe deposit lockers.	12
III	Insurance: Concept, need and principles of insurance; Insurance and economic development; Life Insurance: Concept, features,	10

	importance, and types: procedure of taking life insurance policies, nomination and assignment.	
IV	General insurance: concept, features, importance, and types; Procedure of taking general insurance: An overview of Fire insurance, Marine Insurance, Health Insurance.	13
V*	-	
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory Class Participation Seminar/Presentation/Assignment/Quiz/Class Test etc. Mid Term Exam		End Term Exam
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Basu A.K: Fundamentals of Banking-Theory and practice; A Mukerjee and co; Calcutta 2 • Gopinath M.N: Banking Principles and Operations; Snow White Publisher, Mumbai • Mishra, M. N., Principles and Practices of Insurance, S. Chand and Sons. • Mishra, M.N. Principles and Practices of Insurance. Sultan Chand and Sons. • Mohapatra and Acharya., 2018. Banking and Insurance. Pearson • Natrarajan and Parameswaran: Indian Banking; S. Chand Company Ltd, New Delhi • Vasanth Desai: Indian Banking, Nature and Problems, Himalaya Publications House. 		

* Applicable for courses having practical component.

CC-1/ MCC-1**Session: 2023-24****Part A - Introduction**

Subject	Chemistry		
Semester	I		
Name of the Course	Chemistry-I		
Course Code	B23-CHE-101		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	4.0		
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none">1. Enable to understand the basis of quantum mechanics and structural idea and relevance in describing shapes of s, p and d orbitals.2. To learn about role of temperature and pressure to establish the state of gases and describe the concept of critical constants of real gases.3. Get knowledge about the electrophile/nucleophile and its role in mechanism of preparation of organic compounds.4. To know the physical properties, morphology and crystalline study of liquid and different type of solids. <hr/> <p>5*. Hand on practice in preparation of solutions, compounds, estimation and determination of physical properties of some compounds.</p>		
Credits	Theory	Practical	Total
	3	1	4

Contact Hours	45	30	75
Max. Marks:70+30* Internal Assessment Marks:20+10* End Term Exam Marks: 50+20*		Time:03 + 03*	
Part B- Contents of the Course			
<u>Instructions for Paper- Setter</u>			
Note: The examiner is requested to set nine questions in all, selecting two questions from each SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.			
Unit	Topics	Contact Hours	
I	<p>Atomic Structure Dual behaviour of matter and radiation, de Broglie's relation, Heisenberg's uncertainty principle, concept of atomic orbitals, significance of quantum numbers, radial and angular wave functions, normal and orthogonal wave functions, significance of Ψ and Ψ^2, shapes of s, p, d, f orbitals, Rules for filling electrons in various orbitals, effective nuclear charge, Slater's rules.</p> <p>Periodic table and atomic properties Classification of periodic table, definition of atomic and ionic radii, ionisation energy, electron affinity and electronegativity, trend in periodic table (in s and p-block elements), Pauling, Mulliken, Allred Rachow and Mulliken Jaffe's electronegativity scale, Sanderson's electron density ratio.</p>	12	
II	<p>Gaseous State Kinetic theory of gases, Maxwell's distribution of velocities and energies (derivation excluded) Calculation of root mean square velocity, average velocity, and most probable velocity. Collision diameter, collision number, collision frequency and mean free path (Derivations excluded), Deviation of Real gases from ideal behaviour, Derivation of Van der Waal's Equation of State, its application in the calculation of Boyle's temperature (compression</p>	11	

	<p>factor)</p> <p>Critical Phenomenon</p> <p>Concept of Critical temperature, critical pressure, critical volume, relationship between critical constants and Van der Waal' s constants (Derivation excluded).</p>	
III	<p>Structure and Bonding</p> <p>Localized and delocalized chemical bond, Van der Waals interactions. Concept of resonance and its applications, hyperconjugation, inductive effect, Electromeric effect and their comparison.</p> <p>Mechanism of Organic Reactions</p> <p>Curved arrow notation, homolytic and heterolytic bond fission. Types of reagents: electrophiles and nucleophiles. Types of organic reactions: Substitution, Addition, Condensation, Elimination, Rearrangement, Isomerization and Pericyclic reactions. Reactive intermediates: Carbocations, carbanions, free radicals, carbenes (structure & stability).</p>	11
IV	<p>Liquid State</p> <p>Structure of liquids, Properties of liquids – surface tension, refractive index, viscosity, vapour pressure and optical rotation.</p> <p>Solid State</p> <p>Classification of solids, Law of constancy of interfacial angles, law of rational indices, Miller indices, elementary ideas of symmetry and symmetry elements, seven crystal systems and fourteen Bravais lattices; X-ray diffraction, Bragg's law, a simple account of Laue method, rotating crystal method and powder pattern method.</p>	11
V*	<ol style="list-style-type: none"> Acid/Base titration: Determination of strength of oxalic acid using NaOH. Redox titrations: Determination of Fe²⁺ ions using KMnO₄. To determine the surface tension of given liquid using Stalagmometer by drop no. methods. Preparation of <i>m</i>-Dinitrobenzene from Nitrobenzene (use 1:2 conc. HNO₃-H₂SO₄ mixture if fuming HNO₃ is not available) 	30

	5. Preparation of p-Bromoacetanilide from Acetanilide	
Suggested Evaluation Methods		
<p>Internal Assessment:20+10*</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 5 • Seminar/presentation/assignment/quiz/class test etc.: 5 • Mid-Term Exam: 10 <p>➤ Practicum</p> <ul style="list-style-type: none"> • Class Participation: NA • Seminar/Demonstration/Viva-voce/Lab records etc.: 10 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50+20*</p>	
Part C-Learning Resources		
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Lee, J.D.; (2010), Concise Inorganic Chemistry, Wiley India. 2. Kapoor, K.L. (2015), A Textbook of Physical Chemistry, Vol 1, 6 th Edition, McGraw Hill Education. 3. Clayden, J.; Greeves, N.; Warren, S. (2012), Organic Chemistry, Oxford. 4. Morrison, R. N.; Boyd, R. N. Organic Chemistry, Dorling Kindersley (India) Pvt. Ltd. (Pearson Education). 5. Khosla, B.D.; Garg, V.C.; Gulati, A. (2015), Senior Practical Physical Chemistry, R. Chand & Co, New Delhi. 6. Jeffery, G.H.; Bassett, J.; Mendham, J.; Denney, R.C. (1989), Vogel's Textbook of Quantitative Chemical Analysis, John Wiley and Sons. 		

*Applicable for courses having practical component.

CC-2/MCC-3

Session: 2023-24			
Part A - Introduction			
Subject	Chemistry		
Semester	II		
Name of the Course	Chemistry-II		
Course Code	B23-CHE-201		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	4.0		
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Able to understand the theories which governs the shape, structure and ionic behavior, polarizability, ionic structures and concept of Lattice energy of crystals of molecules. 2. To know the basics of rates of chemical reactions, the laws and solubility behavior of solutes in different compositions of solvents 3. To know about alkanes, alkene, cycloalkanes and their chemical reactions. 4. To understand about weak interactions and bonding in metals. <hr/> <p>5*. Hand on practice for estimation and determination of viscosity, specific refractivity properties of some compounds.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	45	30	75

Max. Marks:70+30* Internal Assessment Marks:20+10* End Term Exam Marks: 50+20*		Time:03+03*
Part B- Contents of the Course		
<u>Instructions for Paper- Setter</u>		
<p>Note: The examiner is requested to set nine questions in all, selecting two questions from each SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.</p>		
Unit	Topics	Contact Hours
I	<p>Covalent Bond Valence bond theory approach, shapes of simple inorganic molecules and ions based on valence shell electron pair repulsion (VSEPR) theory and hybridization with suitable examples of linear, trigonal planar, square planar, tetrahedral, trigonal bipyramidal and octahedral arrangements. Molecular orbital theory of homonuclear (N₂, O₂) and heteronuclear (CO and NO) diatomic molecules, dipole moment and percentage ionic character in covalent bond.</p> <p>Ionic Solids Ionic structures (NaCl, CsCl, ZnS (Zinc blende), CaF₂) size effects, radius ratio rule and its limitations, Concept of Lattice energy, Born- Haber cycle, Solvation energy and its relationship with solubility of Ionic solids, Polarizing power and Polarisability of ions, Fajan's rule.</p>	11
II	<p>Chemical Kinetics Concept of reaction rates, rate equation, factors influencing the rate of reaction, Order and molecularity of a reaction, integrated rate expression for zero, first, Half-life period of a reaction, Arrhenius equation.</p> <p>Distribution Law Nernst distribution law – its thermodynamic derivation, Nernst distribution law after association and dissociation of solute in one of the phases, of distribution law: (i) Determination of degree of hydrolysis and hydrolysis constant of aniline hydrochloride</p>	12

III	<p>Alkanes and Cycloalkanes Nomenclature, classification of carbon atoms in alkanes and its structure. Isomerism in alkanes, sources. Methods of formation: Wurtz reaction, Kolbe reaction, Corey- House reaction and decarboxylation of carboxylic acids, physical properties. Mechanism of free radical halogenation of alkanes: reactivity and selectivity. Nomenclature of Cycloalkanes, Baeyer' s strain theory and its limitations, theory of strainless rings.</p> <p>Alkenes Nomenclature of alkenes and its structure. Methods of formation: dehydration of alcohols, dehydrohalogenation of alkyl halide, Hofmann elimination and their mechanism. The Saytzeff rule and relative stabilities of alkenes. Chemical reactions: electrophilic and free radical additions, addition of halogens, halogen acids, hydroboration–oxidation, oxymercuration-reduction, ozonolysis and hydration. Markownikoff's rule of addition.</p>	11
IV	<p>Hydrogen Bonding and Van der Waals forces Hydrogen Bonding – Definition, types, effects of hydrogen bonding on properties of substances, application Brief discussion of various types of Van der Waals forces.</p> <p>Metallic Bond and semiconductors Metallic bond – Qualitative idea of valence bond and Band theories of metallic bond (conductors, semiconductors, insulators). Semiconductors – Introduction, types, and applications.</p>	11
V*	<ol style="list-style-type: none"> 1. Complexometric titrations: Determination of Mg^{2+} by EDTA. 2. Paper Chromatography: Qualitative Analysis of any one of the following Inorganic cations and anions by paper chromatography (Pb^{2+}, Cu^{2+}, Ni^{2+}, Cl^-, Br^-, and PO_4^{3-} and NO_3^-). 3. To determine the viscosity of given liquid using Ostwald's Viscometer. 4. To determine the specific refractivity of at least two liquids by Refractometer. 5. Separation of mixture of two Organic Compounds by TLC. 	30
Suggested Evaluation Methods		

<p>Internal Assessment:20+10*</p> <ul style="list-style-type: none"> • Theory • Class Participation: 5 • Seminar/presentation/assignment/quiz/class test etc.: 5 • Mid-Term Exam: 10 <p>Practicum</p> <ul style="list-style-type: none"> • Class Participation: NA • Seminar/Demonstration/Viva-voce/Lab records etc.: 10 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>50+20*</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Lee, J.D.; (2010), Concise Inorganic Chemistry, Wiley India. 2. Kapoor, K.L. (2015), A Textbook of Physical Chemistry, Vol 1, 6 th Edition, McGraw Hill Education. 3. Clayden, J.; Greeves, N.; Warren, S. (2012), Organic Chemistry, Oxford. 4. Morrison, R. N.; Boyd, R. N. Organic Chemistry, Dorling Kindersley (India) Pvt. Ltd. (Pearson Education). 5. Khosla, B.D.; Garg, V.C.; Gulati, A. (2015), Senior Practical Physical Chemistry, R. Chand &Co, New Delhi. 6. Jeffery, G.H.; Bassett, J.; Mendham, J.; Denney, R.C. (1989), Vogel's Textbook of Quantitative Chemical Analysis, John Wiley and Sons. 	

*Applicable for courses having practical component.

DSEC-1

Session: 2023-24			
Part A - Introduction			
Subject	Chemistry		
Semester	II		
Name of the Course	Chemistry Skill-I		
Course Code	B23-CHE-202		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	DSEC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	4.0		
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Aware about lab handling and handling of hazardous chemicals. 2. Determine percentage purity and knowledge to prepare buffer solutions. 3. To Know preparation of complexometric titration and purification techniques. 4. To get operating knowledge of different instruments. <hr/> <p>5*.To get practical knowledge about complexometric titrations and paper chromatography. Also determination some physical properties of some compounds/ solutions.</p>		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	45	30	75
Max. Marks:70+30* Internal Assessment Marks:20+10* End Term Exam Marks: 50+20*		Time:03+03*	

	2 credit	B-23 CHE- 203	Practical	1	2	05	15	20	2 hrs
Scheme A, C & D	MDC-2 3 credits	B-23 CHE- 204	Introductory Chemistry-II	2	2	15	35	50	3 hrs.
			Practical	1	2	5	20	25	3 hrs.
Scheme C only	CC-M2 4 credit	From Available CC-2/MCC-3 of 4 credits as per NEP							
Internship of 4 credits of 4-6 weeks duration after 2nd Semester									

CC-M2

Session: 2023-24			
Part A - Introduction			
Subject	Chemistry		
Semester	II		
Name of the Course	Minor Chemistry-II		
Course Code	B23-CHE-203		
Course Type: (CC/MCC/MDC/CC-M/DSEC/VOC/DSE/PC/AEC/VAC)	CC-M		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	4.0		
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To know the basics of periodic properties and hybridization. 2. To learn about the ionic solids. 3. Understand about the semiconductors and metallic bonds. 4. Get the knowledge of stereochemistry of simple organic molecules. <hr style="width: 30%; margin-left: 0;"/> <p>5*. Hand on practice in preparation of solutions, compounds, estimation and determination of physical properties of some compounds.</p>		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	15	30	45
Max. Marks:30 + 20* Internal Assessment Marks:10 + 05* End Term Exam Marks: 20 + 15*		Time:02 + 02* hrs	

Part B- Contents of the Course

Instructions for Paper- Setter

Note: The examiner is requested to set nine questions in all, selecting two questions from each SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.

Unit	Topics	Contact Hours
I	Periodic table and atomic properties Atomic properties: atomic and ionic radii, ionisation energy, electron affinity and electronegativity definition, trend in periodic table, effective nuclear charge, Slater's rules.	4
II	Ionic Solids: Stoichiometric and Non-stoichiometric defects in crystals, Lattice energy and Born- Haber cycle, Solvation energy and its relationship with solubility of Ionic solids, Polarizing power and Polarisability of ions, Fajan's rule.	4
III	Structure and Bonding in Organic Compounds Localized and delocalized chemical bond, Van der Waal's interactions, resonance: conditions and resonance effect, hyperconjugation, inductive effect, Electromeric effect & their comparison.	4
IV	Gaseous State Kinetic theory of gases, Calculation of root mean square velocity, average velocity, and most probable velocity. Collision diameter, collision number, collision frequency and mean free path (derivations excluded).	3
V*	1. Acid/Base titration: Determination of strength of oxalic acid using NaOH. 2. Redox titrations: Determination of Fe^{2+} ions using KMnO_4 . 3. To determine the surface tension of given liquid using stalagmometer by drop no. method. 4. To prepare a sample of iodoform.	30
Suggested Evaluation Methods		

CC-M1

Session: 2023-24

Part A - Introduction

Subject	Chemistry		
Semester	I		
Name of the Course	Minor Chemistry-I		
Course Code	B23-CHE-103		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-M		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	4.0		
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. To understand the basics of Covalent bonding in simple molecules. 2. To get the basics of rates of chemical reactions and factors affecting it. 3. To learn about the nomenclature, classification and methods of preparation of alkenes. 4. To learn about qualitative knowledge of conductors, semiconductors and insulates. <hr/> <p>5*. Hand on practice in preparation of solutions, compounds, estimation and determination of physical properties of some compounds.</p>		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	15	30	45
	Max. Marks: 30 + 20* Internal Assessment Marks: 10 + 05* End Term Exam Marks: 20 + 15*		Time: 03 + 03* hrs 02 + 02* hrs <i>Skawal.</i>

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Part B- Contents of the Course

Instructions for Paper- Setter

Note: The examiner is requested to set nine questions in all, selecting two questions from each SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.

Unit	Topics	Contact Hours
I	Covalent Bond Shapes of simple inorganic molecules and ions based on valence shell electron pair repulsion (VSEPR) theory and hybridization with suitable examples of linear, trigonal planar, square planar, tetrahedral, trigonal bipyramidal and octahedral arrangements.	4
II	Chemical Kinetics Concept of reaction rates, factors influencing the rate of reaction, Order and molecularity of a reaction, integrated rate expression for zero and first order reactions.	4
III	Alkanes (upto 5 carbon atoms) Alkanes, nomenclature, classification of carbon atoms in alkanes. Isomerism in alkanes, methods of formation: Wurtz reaction, Kolbe reaction, Corey-House reaction and decarboxylation of carboxylic acids.	4
IV	Metallic Bond and semiconductors Metallic bond – Qualitative idea of Band theory of metallic bond (conductors, semiconductors, insulators).	3
V	1. To determine the melting point of given organic compound. 2. To prepare a pure sample of dibenzalacetone from benzaldehyde. 3. Acid/Base Titration: Determination of strength of HCl using NaOH. 4. To determine the refractive index of given liquid. 5. To study the process of sublimation of camphor or phthalic acid.	30

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Suggested Evaluation Methods

Internal Assessment: 10 + 05* ➤ Theory <ul style="list-style-type: none">• Class Participation: 3• Seminar/presentation/assignment/quiz/class test etc.: 3• Mid-Term Exam: 4 ➤ Practicum <ul style="list-style-type: none">• Class Participation: NA• Seminar/Demonstration/Viva-voce/Lab records etc.: 05• Mid-Term Exam: NA	End Term Examination: 20 + 15*
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Part C-Learning Resources

Recommended Books/e-resources/LMS:

1. Dhawan S.N., Organic Chemistry, Vol 1 Pardeep Publication.
2. Kapoor, K.L. (2015), A Textbook of Physical Chemistry, Vol 1, 6th Edition, McGrawHill Education.
3. Khosla, B.D.; Garg, V.C.; Gulati, A. (2015), Senior Practical Physical Chemistry, R. Chand & Co, New Delhi.
4. Lee, J.D.: (2010), Concise Inorganic Chemistry, Wiley India.

*Applicable for courses having practical component.

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**INSTITUTE OF ENVIRONMENTAL STUDIES,
KURUKSHETRA UNIVERSITY, KURUKSHETRA**

**Scheme of VAC course Subject: Environmental Science for Under-Graduate Programme
Under Multiple Entry-Exit, Internship and CBCS-LOCF in accordance to NEP-2020
w.e.f. 2023-24 (in phased manner)**

FIRST YEAR: SEMESTER-1/ SEMESTER-2									
Remarks	Course	Paper(s)	Nomenclature of Paper	Credits	Hours/Week	Internal marks	External Marks	Total Marks	Exam Duration
Scheme A, B & C	VAC 2 credit	B23- VAC- 201	Environmental Studies	2	2	15	35	50	3 hrs.

VAC 2 B23-VAC-201

Session: 2023-24			
Part A - Introduction			
Subject	Environmental Science		
Semester	I/ II		
Name of the Course	Environmental Studies		
Course Code	B23-VAC-201		
Course Type: (CC/MCC/MDC/CC-M/DSEC /VOC/DSE/PC/AEC/VAC)	VAC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Understand the concept of environmental studies, sustainable development and ecosystem. 2. Learn about the various natural resources and about biodiversity and its conservation. 3. Know about the types of pollution, solid waste management, global environmental issues and environmental laws. 4. Understand the concept of population growth and its impacts on environment and disaster management. 5. Get knowledge about the environment, its problems, impacts and solutions. 		
Credits	Theory	Practical	Total
	2	NA	2
Contact Hours	2	NA	2
Max. Marks: 50 Internal Assessment Marks: 15 End Term Exam Marks: 35		Time: 2 hours	
Part B- Contents of the Course			

Instructions for Paper- Setter

Total number of questions set will be nine. Questions no. 1 is compulsory covering the entire syllabus. Two questions will be set from each unit. Students have to attempt five questions in all, selecting one question from each unit including the compulsory question. Each question is of 7 marks. All questions carry equal marks. Final theory exam time allowed will be of 3 hours.

Unit	Topics	Contact Hours
I	<p>Introduction to environmental studies: Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development.</p> <p>Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans).</p>	02 hours/week
II	<p>Natural resources: Renewable and Non- renewable Resources Land resources: Land degradation and soil erosion. Forest resources: Importance of forests, deforestation: causes and impacts on environment. Water resources: Use and over- exploitation of surface and ground water. Energy resources: Renewable and non- renewable energy sources.</p> <p>Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex- situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.</p>	
III	<p>Environmental pollution Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution. Solid waste management: Sources, methods of disposal: Landfill, incineration and composting. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.</p> <p>Environmental Policies & Practices Environmental laws: Environment (Protection) Act, 1986, Air</p>	

	(Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974.	
IV	<p>Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare. Resettlement and rehabilitation of project affected person. Disaster management: floods, earthquake, cyclones, landslides and drought. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.</p>	
Suggested Evaluation Methods		
	<p style="text-align: center;">Internal Assessment:15 marks</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 4 marks • Seminar/presentation/assignment/quiz/class test etc.: 4marks • Mid-Term Exam: 7 marks 	<p style="text-align: center;">End Term Examination:</p> <p>Theory: 35 marks (Written exam)</p>
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
<ol style="list-style-type: none"> 1. Kaushik, A & Kaushik, C.P. 2022. Perspectives in Environmental Studies. New Age International Pvt Ltd, New Delhi. 2. Bharucha, E. 2021. A Textbook of Environmental Studies for Undergraduate Courses, Orient Blackswan Pvt Ltd. 3. Goswami, P., Mandal, J. & Singh, S. 2022. A Textbook on Environmental Studies, Ashok book stall, Assam. 4. Joshi, P.C. & Joshi, N. 2009. A Text Book of Environmental Science. APH Publishing Corporation. 5. Basu, M. & Xavier Savarimuthu, S.J. 2017. Fundamentals of Environmental Studies. Cambridge University Press. 6. Singh, R.P. & Islam, Z. 2012. Environmental Studies. Concept Publishing Company. 		

VAC Session: 2023-24	
Part A – Introduction	
Subject	Philosophy
Semester	First
Name of the Course	Human Values and Ethics
Course Code	B- VAC 101
Course Type: (CC/MCC/MDC/CC-M/DSEC/VOC/DSE/PC/AEC/VAC)	VAC
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	N.A

Course Learning Outcomes (CLO):	After completing this course, the learner will be able to know/understand: 301.1. the Need, Content and Process for Value Education. 301.2. the Human Values and Ethics 301.3. the theories of Integrated Personality and Well-being 301.4. the Professional Ethics and Global Citizenship		
	Theory	Practical	Total
Credits	02	00	02
Contact Hours	02	00	02
Max. Marks:-50 Internal Assessment Marks:-15 End Term Exam Marks:-35		Time:-3 hrs.	
Part B-Contents of the Course			
<u>Instructions for Paper- Setter</u> The paper-setter is requested to set Nine questions in all i.e., One Compulsory Objective Type Question (7x1) without any choice, equitably distributed over the whole syllabi and Two Questions from Each Unit equitably spread over the concerned unit. The examinees will have to attempt Five questions in all, selecting one question from each unit. All questions carry equalmarks.			
Unit	Topics		Contact Hours
I	Course Introduction - Need, Content and Process for Value Education <ul style="list-style-type: none"> • Understanding the need, content and process for Value Education. (Students should be aware of the difference among skills, values and ethics and their respective needs in life.) • Classification of Value Education: understanding Personal Values, Social Values, Moral Values & Spiritual Values; Understanding the difference between ideology and values. • Understanding Harmony with self, Society and Nature. • Practical: Debate and discussion on the need and nature of value education; • Students should be encouraged to find and analyze suitable case studies to • Understand various types of values. 		8

II	<p>Human Values and Ethics</p> <ul style="list-style-type: none"> • Meaning and nature of human values; Significance of human values in life; • Relation between values and ethics. • Relevance of Human values: Integrity Empathy, Loksangrah, Brahmvihara. • Theory of Naya (Jainism), Deontology, Virtue Ethics, Utilitarianism • Practical: Students should be divided in small groups and should be motivated to reflect upon their values. Teacher should make an environment to make them realize that everyone has a set of values arisen from their family, social, cultural, religious, and political contexts, some of which correspond to more “human” and “universal” frameworks. This exercise is to encourage students to articulate their values and put them into conversation with values from other contexts. 	8
III	<p>Integrated Personality and Well-being</p> <ul style="list-style-type: none"> • Understanding the relationship among: Self, Identity and Personality. • Understanding Integrated Personality – with the three gunas theory of Sankhya, the four • Antah-karanas (inner instruments) in Yoga, and Panchkosha (five sheaths) in Upanishad. • Approaching comprehensive understanding of well-being and its relation to Happiness. • Practical: Bhramadhyana Dhyana, Chakra Dhyana, Preksha Dhyana, Sakshi Bhava Dhyana, Vipassana, Yog Nidra, Partipakshabhava (yogic way of cognitive restructuring) 	7
IV	<p>Professional Ethics and Global Citizenship</p> <ul style="list-style-type: none"> • Nature, characteristics and scope of professional ethics; Types of Professional Ethics • Professional Values: Trusteeship, Inclusiveness, Commitment, Sustainability, Accountability, Transparency, Impartiality. • Values for Global Citizenship: Equality, Justice, and Human Dignity. • Nature and need of competency based education; Types of Competencies, Core • Competencies: communication, teamwork, planning and achieving goals, Functional • Competencies: analytical thinking, knowledge sharing and learning, decision making, partnership building. 	7

Suggested Evaluation Methods

Internal Assessment:

➤ **Theory**

- Class Participation: **5**
- Seminar/presentation/assignment/quiz/class test etc.:**5**
- Mid-Term Exam: **5**

➤ **Practicum**

- Class Participation:
- Seminar/Demonstration/Viva-voce/Lab records etc.:
- Mid-Term Exam:

End Term Examination:

35

Part C-Learning Resources

Recommended Books/e-resources/LMS:

1. R. R. Gaur R Sangal G P Bagaria (2009): A Foundation Course in Human Values and Professional Ethics,Excel Books.
2. D.R. Kiran (2014) Professional Ethics and Human Values, McGraw Hill Education (India).
3. Happiness and Well-Being, NIOS Module V (Health and well-being)
4. Kiran Kumar K. Salagame (2016): Meaning and Well-Being: Indian Perspectives, Journal of Constructivist Psychology
5. Dan P. McAdams, Kali Trzesniewski, Jennifer Lilgendahl, Veronica Benet-Martinez, Richard W. Robins (2021) Self and Identity in Personality Psychology, Personality Science, 2021, Vol. 2, Article e6035, <https://doi.org/10.5964/ps.603>
6. S. K. Kiran Kumar (2003): An Indian conception of well being, in Henry, J. (Ed) European PositivePsychology Proceedings 2002. Leicester, UK: British Psychological Society.
7. Vivian L Vignoles (2017): Identity: Personal and Social, Chapter to appear in Oxford Handbook of Personality and Social Psychology (2nd ed.), edited by Kay Deaux and Mark Snyder.
8. Wong, S.-C. (2020). Competency Definitions, Development and Assessment: A Brief Review.International Journal of Academic Research in Progressive Education and Development, 9(3), 95–114.

MDC-1

Session: 2023-24			
Part A - Introduction			
Subject	Chemistry		
Semester	I		
Name of the Course	Introductory Chemistry-I		
Course Code	B23-CHE-104		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	MDC		
Level of the course (As per Annexure-I)	0-99		
Pre-requisite for the course (if any)	Higher secondary other than science discipline		
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. To get knowledge about structure and bonding. 2. To learn about hydrocarbons and their applications. 3. To get aware about different polymers. 4. To get knowledge about preservative. <hr/> 5* To get knowledge about experiments related to daily life.		
Credits	Theory	Practical	Total
	2	1	3
Contact Hours	30	30	60
Max. Marks:50+25* Internal Assessment Marks:15+5* End Term Exam Marks: 35+20*		Time:03 + 03 hrs	
Part B- Contents of the Course			
<u>Instructions for Paper- Setter</u>			
Note: The examiner is requested to set nine questions in all, selecting two questions from each			

SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.

Unit	Topics	Contact Hours
I	Atomic Structure and Bonding Introduction, Elementary introduction of atomic structure and chemical bonding, Representation of elements/ atoms, Lewis structure, electronic configurations (1-30)	8
II	Carbon and Its Compounds Introduction, Tetravalency of Carbon, allotropes of carbon and their properties, hydrocarbons (1-5), nomenclature (linear compounds), Applications of hydrocarbons.	8
III	Polymers Introduction, elementary idea of synthetic and natural polymers, Homo polymers and copolymers, uses and properties (Natural rubber, Vulcanized rubber, Polyethene, PVC, Styrene, Teflon, PAN, Nylon-66)	7
IV	Food Preservatives Elementary idea of natural and synthetic food preservatives, rancidity, uses and properties, different food preservation processes (pickle, Jam), artificial sweeteners, uses and properties	7
V*	Practicals: 1. Identify the pH of the given samples through pH strip. 2. Experiments related to persevering food items. 3. Preparation of Artificail Silk. 4. To senthesize some polymers asper available resources.	30
Suggested Evaluation Methods		

<p>Internal Assessment: 15+5*</p> <p>➤ Theory</p> <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.: 4 • Mid-Term Exam: 7 <p>Practicum</p> <ul style="list-style-type: none"> • Class Participation: NA • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>35+20*</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Dhawan S.N., Organic Chemistry, Vol 1 Pardeep Publication. 2. Subbulakshmi G, Food processing and preservation, New Age International Publishers. 3. Manas Chanda, 2013, Introduction to Polymer Science and Chemistry 2nd Edition, Making Rayon Fiber - Artificial silk, chemical experiment! How to make silk from cotton wool ("Artificial silk" experiment) Neelam Seedher, Basic Concepts: Physical Chemistry Experiments, Kindley Edition 	

*Applicable for courses having practical component.

MDC-2

Session: 2023-24			
Part A - Introduction			
Subject	Chemistry		
Semester	II		
Name of the Course	Introductory Chemistry-II		
Course Code	B23-CHE-204		
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	MDC		
Level of the course (As per Annexure-I)	0-99		
Pre-requisite for the course (if any)	Higher secondary other than science discipline		
Course Learning Outcomes(CLO):	After completing this course, the learner will be able to: 1. To learn about role of Indian scientists in the upliftment of research 2.To learn about classification of elements with their properties 3.To learn about three states of matter 4.To get more knowledge about role of fertilizers in fertility of soil <hr style="width: 30%; margin-left: 0;"/> 5*.To learn about acid- base reaction in daily life		
Credits	Theory	Practical	Total
	2	1	3
Contact Hours	30	30	60
Max. Marks:50+25* Internal Assessment Marks:15+5* End Term Exam Marks: 35+20*		Time:03+03*	
Part B- Contents of the Course			

Instructions for Paper- Setter

Note: The examiner is requested to set nine questions in all, selecting two questions from each SECTION and one question (Question No.1 based on entire syllabus will consist of short answer type. All questions carry equal marks. The candidate is required to attempt five questions in all selecting one from each SECTION. Question No.1 is compulsory. Log table and non-programmable calculator is allowed.

Unit	Topics	Contact Hours
I	Renowned Indian Scientists Brief Biography of Renowned Indian Scientists (Hargobind Khurana, Dr. P.C. Ray, Sir C.V. Raman, Dr. A.P.J. Abdul Kalam, C. N. R. Rao, Dr. Vikram Sara Bhai, Dr. Homi Jahangir Bhabha, Dr. J.C. Bose, Dr. S. N. Bose)	8
II	Metal and Non-Metals Periodic table, classification of elements, physical and chemical aspects of metals and non-metals, Ore and Minerals of Iron, Copper, Aluminium, alloys	8
III	Physical Properties of Matter Classification of matter, properties, uses, ideal gas equation, real gas equation, some important compounds (baking soda, washing soda, plaster of Paris, gypsum,, glass)	7
IV	Soil and fertilizers Green revolution, soil: types of soil and their components for fertility, grow condition, pH, irrigation, biofertilizers, chemical fertilizers and their uses, acid rain.	7
V*	Practicals: 1. To prepare Plaster of Paris 2. To prepare Potash Alum 3. To study the effect of acid on Baking and washing soda 4. To perform the action of water on quick lime and identify the nature of reaction (Exo/Endothermic)	30
Suggested Evaluation Methods		

<p>Internal Assessment: 15+5*</p> <p>Theory</p> <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.: 4 • Mid-Term Exam: 7 <p>Practicum</p> <ul style="list-style-type: none"> • Class Participation: NA • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: NA 	<p>End Term Examination:</p> <p>35+20*</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none"> 1. Chemistry In Daily Life : Third Edition by Kirpal Singh , PHI Learning 2. General Chemistry: Principles, Patterns, and Applications, Bruce Averill, Strategic Energy Security Solution, Patricia Eldredge, R.H. Hand, LLC, Copyright Year: 2011 3. The Great Indian Scientists Paperback – 1 January 2017, Cengage Learning India 	

*Applicable for courses having practical component.

Department of History
Kurukshetra University Kurukshetra
(Establishment by the State Legislature Act XII of 1956)

Structure, Syllabus of the Courses of Reading and Scheme of Examinations

For the UG Programmes

Subject: History

(Semester I - IV)

(according to the Curriculum Framework of U.G. Programmes under NEP-2020)

To be implemented w.e.f. the Session 2023-24

(in Phased Manner)

I Complete Scheme of the U.G. Courses (History):

Semester	Course Type	Course Code	Name of the Course	Credits	Contact Hours	Internal Assessment Marks	End Term Exam Marks	Max. Marks	Duration of Exam (Hrs.)
1	CC-1 MCC-1	B23- HIS-101	Idea of Bharat	4	4	30	70	100	3
	MCC-2	B23- HIS-102	Ancient World	4	4	30	70	100	3
	CC-M1	B23- HIS-103	Indian History & Culture	2	2	15	35	50	3
	MDC-1	B23- HIS-104	Glimpses of Ancient India	3	3	25	50	75	3
2	CC-2 MCC-3	B23- HIS-201	History of India (From Earliest Times to 1206)	4	4	30	70	100	3
	CC-M2	B23- HIS-202	Orality and Oral Culture in India	2	2	15	35	50	3
	DSEC-1	B23- HIS-203	History: Theory & Method	4	4	30	70	100	3
	MDC-2	B23- HIS-204	Glimpses of Medieval India	3	3	25	50	75	3
3	CC-3 MCC-4	B23- HIS-301	History of India (1206-1757)	4	4	30	70	100	3
	MCC-5	B23- HIS-302	Medieval World	4	4	30	70	100	3
	MDC-3	B23- HIS-303	Glimpses of Modern India	3	3	25	50	75	3
4	CC-4 MCC-6	B23- HIS-401	History of India (1757-1947)	4	4	30	70	100	3
	MCC-7	B23- HIS-402	Medieval Europe	4	4	30	70	100	3
	MCC-8	B23- HIS-403	History of Haryana (From Earliest Times to 1966)	4	4	30	70	100	3
	DSE-1	B23- HIS-404	Social Formations and Cultural Patterns in	4	4	30	70	100	3

II. Detailed Syllabus, Courses of Reading and Scheme of Examinations of U.G. Programmes (History):

Semester-I:

CC-1/MCC-1

Session: 2023-24			
PartA– Introduction			
Subject	History		
Semester	1 st		
Name of the Course	Idea of Bharat		
Course Code	B23-HIS-101		
CourseType: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (ifany)	Senior Secondary (10+2) or equalant in any stream.		
CourseLearningOutcomes (CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Acquaint with the concept of <i>Bharat/Bharatvarsha</i> and its eternity and major Knowledge Traditions and Educational System in ancient India. 2. Understand the concepts, ideas and developments in the spheres of <i>Dharma</i>, Philosophy, Art and Culture in ancient India. 3. Grasp the concepts, ideas and developments in the spheres of Science, Environment, Polity and Economy in ancient India. 4. Demonstrate the Political Contours of ancient <i>Bharatvarsha</i>; Places of ancient Indian Arts; Important ancient <i>Janpadas</i> and ancient Maritime Commerce on the outline map of India and also explicate it historically. 		
Credits	Theory	Practical/Tutorial 1	Total
	03	01	04
Contact Hours	03	01	04
Max. Marks:	100	Time: 3 Hrs.	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		

PartB-Contentsofthe Course

Instructions for Paper-Setter:

1. Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 14 marks.
2. The Compulsory Question shall consist of *seven* short answer type questions of 2 marks each which shall be spread over the whole syllabus.
3. The candidate shall be required to attempt *five* questions in all selecting one each question from Unit I-IV and the Compulsory Question.
4. The Map Questions shall be carrying 14 marks each (09 Marks for map work and 05 marks for Explanatory Note). For visually disabled students, the part relating to the Explanatory Note shall carry full marks.

Unit	Topics	Contact Hours
I	The Concept of <i>Bharatvarsha</i>: Indian Knowledge Traditions: Understanding of <i>Bharatvarsha</i> and its Political Contours Indian Concept of Time and Space The Historical Glory of Ancient Indian Literature: <i>Vedas, Upanishads, Epics, Puranas</i> , Jain and Buddhist Literature etc. Ancient Indian Educational System	15
II	Dharma, Philosophy, Art and Culture Indian Perception of <i>Dharma</i> and <i>Darshan</i> The Concept of <i>VasudhaivaKutumbakam</i> : Man, Family, Society and World Polity and Governance: Concept of <i>Janpada&GramSwarajya</i> Salient Features of Indian Arts Salient features of Indian Culture	15
III	Science, Environment and Economy Science, Technology & Mathematics in Ancient India Health Consciousness (Science of Life): <i>Ayurveda, Yoga</i> and Naturopathy Environmental Conservation: Indian View Indian Economic Thoughts: Agriculture, Industry, Trade and Maritime Commerce	15
IV	Maps (India): Political Contours of ancient <i>Bharatvarsha</i> Places of Indian Arts in ancient times Important <i>Janpadas</i> of ancient India Maritime Commerce in ancient India	15
V*	Practical/Tutorial	15
Suggested Evaluation Methods		

Internal Assessment:	30 Marks	End Term Examination: 70 Marks
➤ Theory		
• Class Participation:	05 Marks	
• Seminar/presentation/assignment/quiz/class test etc.:	10 Marks	
• Mid-Term Exam:	15 Marks	
➤ Practicum	N.A.	
• Class Participation:		
• Seminar/Demonstration/Viva-voce/Lab records etc.:		
• Mid-Term Exam:		

Part C-Learning Resources

Recommended Books/e-resources/LMS:

- Altekar, A.S, *Education in Ancient India*, Nand Kishore & Bros, Varanasi, 1944.
 Arrhenius, G., *Evolution for Space*.
 Arvind, Shri, *Bhartiya Sanskriti Ke Adhar*, Arbindo Ashram, Pondyecheri.
 Bhagvadatt, *Vrihad Bharat Kalthas*, PranavPrakashan, New Delhi.
 Dharampal, *The Beautiful Tree*, Other India Press, Delhi, 1995.
 Dinkar, Ramdhari Singh, *Sanskriti Ke Char Adhyaya*, Sahitya Academy, New Delhi, 1956.
 Durant, Will, *The Story of Civilization*, US, Jan. 1993 (11 Vol).
 Dwivedi, KapilDev, *Vedon Mein Tatva Gyan*, TatvaBhartiAnusandhanParishad, New Delhi, 2014.
 Elliott, Faith Robertson, Elliott, *Gender, Family and Society*, St. Martin press, New York, 1996
 Gishurg, Zekuthial, *New light on Our Numerals*
 Maurice, Thomas, *Indian Antiquities*, Pub. T. Maurice, 1806, London.
 Mittal, Satish Chand, *Bhartiya Sanskriti Ke Char Adhyaya*, ABISY, New Delhi, 2018
 Mohan, Narendra, *Bhartiya Sanskriti*, PrabhatPrakashan, New Delhi, 2011.
 Mookherjee, Radha, *The Fundamental Unity of India*, Longsman, Calcutta, 1914.
 Mookherjee, RadhaKumud, *Indian Shipping*, Pub. South Asia Books, 1999.
 Pandey, Govind Chandra, *Bhartiya Sanskriti*, Hindi Grantha Academy, Bhopal, 2008.
 -----, *Vedic Sanskriti*, LokBhartiPrakashan, Allahabad.
 Pandey, Omprakash, *Drishvya Jagat Kayatata*, PrabhatPrakashan, New Delhi, 2005.
 Pandey, Rajbali, *Bhartiya Puralipi*, LokBhartiPrakashan, Allahabad, 1998
 Sihag, Balbir Singh, *Kautilya: The True Founder of Economics*, Vitasta Publishing Pvt. Ltd, Delhi, 2014.

MCC-2

Session: 2023-24	
Part A-Introduction	
Subject	History
Semester	1 st
Name of the Course	Ancient World
Course Code	B23-HIS-102

CourseType: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (ifany)	Senior Secondary (10+2) or equalant in any stream.		
CourseLearningOutcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Acquaint with the Evolution of Humankind; Beginning of Agriculture & Animal Husbandry and the Society, Culture, and Economy of Nomadic Groups in ancient Central and West Asia. 2. Learn the Polity, Economy, Society, Culture, Arts, Science & Technology of the ancient Civilizations of Mesopotamia, Egypt and China. 3. Grasp the Use of Iron and its Implications on Humankind and the salient features, andmajor developments in Ancient Greece and Rome until the Fall of Roman Empire. 4. Demonstrate the Main Sites of Paleolithic and Mesolithic Cultures and Extent and Important Places connected with the Civilizations of Mesopotamia, Egypt, China and Greece on the outline map of World and also explicate it historically. 		
Credits	Theory	Practical/Tutoria 1	Total
	03	01	04
Contact Hours	03	01	04
Max. Marks:	100	Time: 3 Hrs.	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
PartB-Contentsofthe Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> 1. Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 14 marks. 2. The Compulsory Question shall consist of <i>seven</i> short answer type questions of 2 marks each which shall be spread over the whole syllabus. 3. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. 4. The Map Questions shall be carrying 14 marks each (09 Marks for map work and 05 marks for Explanatory Note). For visually disabled students, the part relating to the 			

Explanatory Note shall carry full marks.		
Unit	Topics	Contact Hours
I	Evolution of Humankind: Paleolithic and Mesolithic Cultures Food Production: Beginning of Agriculture and Animal Husbandry Nomadic Groups in Central and West Asia: Their Society, Culture and Economy	15
II	Civilization of Mesopotamia: Polity, Economy, Society, Culture, Arts, Science & Technology Civilization of Egypt: Polity, Economy, Society, Culture, Arts, Science & Technology Civilization of China: Polity, Economy, Society, Culture, Arts, Science & Technology	15
III	Use of Iron and its Implications Ancient Greece and Rome: Agrarian Economy, Trade and Urbanization Political Apparatus: Athenian Democracy, Roman Republic and Roman Empire Fall of Roman Empire	15
IV	Maps (World): Main Sites of Paleolithic and Mesolithic Cultures Extent and Important Places connected with the Civilization of Mesopotamia Extent and Important Places connected with the Civilization of Egypt Extent and Important Places connected with the Civilization of China Extent and Important Centers of Greek Civilization	15
V*	Practical/Tutorial	15
Suggested Evaluation Methods		
Internal Assessment:	30 Marks	End Term Examination: 70 Marks
<ul style="list-style-type: none"> ➤ Theory <ul style="list-style-type: none"> • Class Participation: 05 Marks • Seminar/presentation/assignment/quiz/class test etc.: 10 Marks • Mid-Term Exam: 15 Marks ➤ Practicum <ul style="list-style-type: none"> • Class Participation: N.A. • Seminar/Demonstration/Viva-voce/Lab records etc.: • Mid-Term Exam: 		
Part C-Learning Resources		

Recommended Books/e-resources/LMS:

Amar Faruqqi	<i>Prachin Aur Madhyakalin Samajik Sanrachana yain Aur Sanskritiya (Hindi)</i>
B. Fagan	<i>People of the Earth</i>
B. Trigger	<i>Ancient Egypt : A Social History</i>
BajShaoyi	<i>An Outline History of China</i>
Burns and Ralph	<i>World Civilizations</i>
G. Clark	<i>World Prehistory : A New perspective</i>
G. Rook	<i>Ancient Iraq</i>
Glyn Daniel	<i>First Civilisations</i>
H.W.F. Saggs	<i>The Greatness That Was Babylon</i>
Jacquetta Hawkes	<i>First Civilizations</i>
M.I. Finley	<i>The Ancient Economy</i>
R.J. Wenke	<i>Patterns in Prehistory</i>
Shri Ram Goyal	<i>Vishaw Ki Sabhyatayen (Hindi)</i>
V. Gordon Childe	<i>What Happened in History</i>
V.L. Aleveev	<i>The Origins of the Human Race</i>

CC-M1

Session: 2023-24	
PartA– Introduction	
Subject	History
Semester	1 st
Name of the Course	Indian History & Culture
Course Code	B23-HIS-103
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC-M
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2) or equalant in any stream.
Course Learning Outcomes (CLO):	After completing this course, the learner will be able to: 1. Acquaint with the Idea of History in India; Ancient Indian Literature and its Historicity, and Myths and Reality <i>vis-à-vis</i> Historical Understanding in India. 2. Understand the deep rooted impact of social inequalities based on Class, Caste & Gender in shaping historically the Culture of India. 3. Grasp the Cultural Assimilation and Cultural Heritage in India with particular reference to Great & Little

	<p>Traditions; Emergence of Composite Culture; Main Components of Cultural Heritage in India, and Built Heritage and Historical Tourism in Indian Context.</p> <p>4. Familiar with the Cultural Forms and Cultural Expressions like Performing Arts, Fairs & Festivals, and the issues of Cultural Identity in the era of Globalization.</p>		
Credits	Theory	Practical/Tutorial 1	Total
	02	-	02
Contact Hours	02	-	02
Max. Marks:	50	Time: 3 Hrs.	
Internal Assessment Marks:	15		
End Term Exam Marks:	35		
PartB-Contentsofthe Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 07 marks. The Compulsory Question shall consist of <i>seven</i> short answer type questions of 01 marks each which shall be spread over the whole syllabus. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. 			
Unit	Topics		Contact Hours
I	Historical Understanding in India Indian Knowledge Traditions: Idea of History and Concept of Time & Space Ancient Indian Literature and its Historicity: <i>Vedas, Ramayana, Mahabharata, PuranasandTripatakas</i> Historical Understanding in India: Myths and Reality		7
II	Social Inequalities in Indian Culture Feudal Culture in India Religion, Gender and Caste in Indian Culture SocialStatus of the Subaltern Groups Status of Women across the Religions and Castes		8
III	Cultural Assimilation and Cultural Heritage Great & Little Traditions of IndianCulture Emergence of Composite Culture in Medieval Times Main Components of Cultural Heritage		8

	Built Heritage and Historical Tourism in Indian Context	
IV	Cultural Forms & Cultural Expressions: The City and Civil Society in Indian History and Culture Performing Arts Fairs & Festivals Changing Cultural Identity in the Age Globalization	7
V*	Practical/Tutorial	-
Suggested Evaluation Methods		
Internal Assessment:		15 Marks
➤ Theory		
• Class Participation:		04 Marks
• Seminar/presentation/assignment/quiz/class test etc.:		04 Marks
• Mid-Term Exam:		07 Marks
➤ Practicum		N.A.
• Class Participation:		
• Seminar/Demonstration/Viva-voce/Lab records etc.:		
• Mid-Term Exam:		
End Term Examination: 35 Marks		
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
Agarwal, V.S., <i>Indian Art</i> , Varanasi, PrithviPrakasahan, 1972.		
-----, <i>Paninikaleen Bharatvarsha</i> , PrithaviPrakashan, Varanasi.		
Banga, Indu, ed. <i>The City in Indian History: Urban Demography, Society & Polity</i> , Delhi, Manohar, 1991.		
Basham, A.L., <i>The Wonder that was India</i> , Rupa, Delhi, 1994.		
Bhagvadatt, <i>Vrihad Bharat Kalthas</i> , PranavPrakashan, New Delhi.		
Biswas, S.S., <i>Protecting the Cultural Heritage</i> (National Legislations and International Conventions). New Delhi: INTACH, 1999.		
Brown, Percy, <i>Indian Architecture</i> , Bombay, D.B.Taraporevala Sons & Co, 1940		
Chahal, S.K., <i>Dalits Patronized: Indian National Congress and the Untouchables of India 1921-1947</i> , Shubhi Publication, New Delhi, 2002. (Only Introduction & Chapter I)		
———, <i>Hindu Social Reform: Framework of Jotirao Phule</i> (Only Introduction & Chapter I)		
Dinkar, Ramdhari Singh, <i>Sanskriti Ke Char Adhyaya</i> , Sahitya Academy, New Delhi, 1956.		
Elliott, Faith Robertson, Elliott, <i>Gender, Family and Society</i> , St. Martin press, New York, 1996.		
Harle, James, <i>The Art & Architecture of the Indian Subcontinent</i> , Penguin, Harmondsworth, 1988.		
Koch, E. <i>Mughal Art & Imperial Ideology</i> , Oxford University Press, New York, 2001.		
Kumar, Radha, <i>History of Doing: An Illustrated Account of Movements for Women's Rights & Feminism in India 1880-1990</i> , Zubaan, 2007		
Kumar, Sunil, <i>The Present in Delhi's Past</i> , Gyan Publishing House, Delhi 2002.		
Lahiri, N., <i>Marshaling the Past - Ancient India and its Modern Histories</i> , Permanent Black, Ranikhet, 2012. Chapters 4 and 5.		
Lowenthal, David, <i>Possessed by The Past: The Heritage Crusade and The Spoils of History</i> ,		

Cambridge, 2010
 Parikh, B., *Composite Culture in a Multicultural Society*, NBT, Delhi, 2007.
 Mehta, N., *Introduction: Satellite Television, Identity & Globalization in Contemporary India* in N. Mehta, ED, *Television in India*, New York, Routledge, 2008
 Mittal, Satish Chand, *Bhartiya Sanskriti Ke Char Adhyaya*, ABISY, New Delhi, 2018
 Mookherjee, Radha, *The Fundamental Unity of India*, Longsman, Calcutta, 1914.
 Oberoi, Patricia, *Freedom and Destiny: Gender, Family and Popular Culture in India*, Delhi, 2009
 O'Hanlon, Rosalind, *Caste, Conflict and Ideology: Mahatma Jotirao Phule and the Low Caste Protest in Nineteenth Century Western India*
 Omvedt, Gail, *Dalits and the Democratic Revolution: Dr. Ambedkar and the Dalit Movement in Colonial India*
 Singh, V., *The Human Footprint on Environment: Issues in India*, New Delhi, and Macmillan, 2012
 Storey, John, *Cultural Theory and Popular Culture*, London, 2001
 Vasudev, V., *Fairs & Festivals, Incredible India Series*, 2007.

MDC-1

Session: 2023-24	
Part A – Introduction	
Subject	History
Semester	1 st
Name of the Course	Glimpses of Ancient India
Course Code	B23-HIS-104
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	MDC
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2) or equalant in any stream.
Course Learning Outcomes (CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Learn the major historical developments from the origins of Harappan Civilization upto the rise of Buddhism and Jainism in ancient India. 2. Understand the major historical developments pertaining to the rise of Magdha empire, Mauryan Empire and Post-Mauryan states in ancient India. 3. Acquaint with historical developments pertaining to the rise of Gupta Empire and Post-Gupta Powers like Pushpabhuties & Chalukayas and Triangular Struggle for

	Hegemony of Kannauj in ancient India. 4. Familiar with the Polity and Administration of Cholas; Rise of Rajputs, and invasions of Mahmood Ghaznavi and Muhammad Ghori in India and its historical outcome.		
Credits	Theory	Practical/Tutorial 1	Total
	03	-	03
Contact Hours	03	-	03
Max. Marks:	75	Time: 3 Hrs.	
Internal Assessment Marks:	25		
End Term Exam Marks:	50		
Part B-Contents of the Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 10 marks. The Compulsory Question shall consist of <i>five</i> short answer type questions of 02 marks each which shall be spread over the whole syllabus. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. 			
Unit	Topics		Contact Hours
I	Harappan Civilization: Origin, Extent, Urbanization, Society, Economy and Decline Vedic Age: Religion, Polity, Society and Economy Religious Movements: Buddhism and Jainism		12
II	Mahajanapada: Rise of Magdha Empire Mauryan Empire: Chandragupta Maurya and Ashoka Post-Mauryan State: Kushanas and Satvahanas		11
III	Gupta Empire: Conquests of Samudragupta and Chandragupta II; Administration of Guptas Post-Gupta Period: Pushabhuties and Chalukayas Triangular Struggle for Hegemony of Kannauj		11
IV	Polity and Administration of Cholas Rise of Rajputs with Special Reference to Tomars Mahmood Ghaznavi and Muhammad Ghori: Conflicts with Indian States and its Impact		11
V*	Practical/Tutorial		-

Suggested Evaluation Methods		
Internal Assessment:	25 Marks	End Term Examination: 50 Marks
<ul style="list-style-type: none"> ➤ Theory <ul style="list-style-type: none"> • Class Participation: 05 Marks • Seminar/presentation/assignment/quiz/class test etc.: 07 Marks • Mid-Term Exam: 13 Marks ➤ Practicum <ul style="list-style-type: none"> • Class Participation: N.A. • Seminar/Demonstration/Viva-voce/Lab records etc.: • Mid-Term Exam: 		
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
Allchin, B. and Allchin R.	<i>Origins of a Civilization: The Pre-history and Early Archaeology of South Asia</i> , Viking, New Delhi, 1997.	
Basham, A. L.	<i>The Wonder that was India</i> , Rupa Publications, Bombay, 1971.	
Bhandarkar, D. R.	<i>Some Aspects of Ancient Hindu Polity</i> , Benares, 1929.	
Bogucki, P.	<i>The Origin of Human Society</i> , Wiley-Blackwell, Massachusetts, 1999.	
Burton, Stein, Carr, E. H.	<i>History of India</i> , OUP, New Delhi, 1998.	
Chandra Satish	<i>Itihas Kya Hai</i> , Macmillan Publication, New Delhi 1976.	
-----	<i>Medieval India from the Sultanate to the Mughals</i> , Delhi 1997.	
-----	<i>History of Medieval India</i> , Orient Blackman, Reprint Hyderabad, 2018	
-----	<i>Madhyakalin Bharat: Rajniti Samaj and Sanskriti</i> , Delhi, 2007.	
Dinkar, Ramdhari Singh, Farukhi, A.	<i>Sanskriti Ke Char Adhyaya</i> , Sahitya Academy, 1956.	
Habib, Irfan, Jayasval, K. P.	<i>Prachin Evam Madhyakalin Samajik Sanrachanaye aur Sanskritiya</i> , Manak Prakashan, Delhi, 2015.	
Jha, D. N. and Shrimali, K. M.	<i>The Indus Civilization</i> , Tulika, New Delhi, 2002.	
Kosambi, D. D.	<i>Hindu Polity</i> , Calcutta, 1924.	
Lahri, Nayanjot, ed.	<i>Prachin Bharat Ka Itihas</i> , New Delhi, 1990.	
Majumdar, R. C.	<i>Prachin Bhartiya Sabhyata Evam Sanskriti</i> , Rajkamal, New Delhi.	
Sharma, R. S.	<i>The Decline and Fall of the Indus Civilization</i> , Permanent Black, New Delhi, 2000.	
-----	<i>History and Culture of the Indian People</i> , V Vols., Bhartiya Vidhya Bhavan Series, Bombay, 1970, 1979, 1980.	
-----	<i>India's Ancient Past</i> , OUP, New Delhi, 2007.	
-----	<i>Looking for the Aryans</i> , Orient Longman Publishers, Delhi, 1995.	

-----	<i>Aspects of Political Ideas and Institution in Ancient India</i> , MotilalBanarsidas, New Delhi, 1991.
Rao, N. S. Subba	<i>Lectures on the Economic Condition of Ancient India, Being an Analytical Study of the Jatakas</i> , Mysore, 1911.
Thapar, Romila	<i>The Past Before Us: Historical Traditions of Early India</i> , Permanent Black, Part – I, Delhi, 2013.
-----	<i>A History of Ancient India</i> , Vol. IPenguin India, New Delhi, 2000.
Tripathi, Ramashankar	<i>History of Ancient India</i> , MotilalBanarsidas Publishers Pvt. Ltd., New Delhi, 2006.

Semester-II:

CC-2/MCC-3

Session: 2023-24

PartA– Introduction

Subject	History
Semester	2 nd
Name of the Course	History of India (From Earliest Times to 1206)
Course Code	B23-HIS-201
CourseType: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC/MCC
Level of the course (As per Annexure-I)	200-299
Pre-requisite for the course (ifany)	N.A.
CourseLearningOutcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Learn about the Sources for reconstructing the history of Ancient India and also know the major historical developments from the origins of Harappan Civilization upto the rise of Magdha Empire in ancient India. 2 Understand the major historical developments pertaining to the rise of Mauryan Empire, Post-Mauryan states like Kushana and Satvahana, rise of Gupta Empire, and Post-Gupta Powers in ancient India. 3. Grasp the major historical developments pertaining to the Triangular Struggle for Hegemony of Kannauj among Palas, Pritiharas and Rashtrakutas; Polity and

	Administration of Cholas; Rise of Rajputs, and invasions of Mahmood Ghaznavi and Muhammad Ghorī in India. 4 Demonstrate the sites of Harappan Civilization, extent of Ashoka's Empire, extent of Kanishka's Empire and extent of Harsha's Empire on the outline map of India and also explicate it historically.		
Credits	Theory	Practical/Tutorial 1	Total
	03	01	04
Contact Hours	03	01	04
Max. Marks:	100	Time: 3 Hrs.	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part B-Contents of the Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 14 marks. The Compulsory Question shall consist of <i>seven</i> short answer type questions of 2 marks each which shall be spread over the whole syllabus. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. The Map Questions shall be carrying 14 marks each (09 Marks for map work and 05 marks for Explanatory Note). For visually disabled students, the part relating to the Explanatory Note shall carry full marks. 			
Unit	Topics		Contact Hours
I	Meaning of History and Sources of Ancient Indian History Harappan Civilization: Origin, Extent, Urbanization, Society, Economy and Decline Vedic Age: Religion, Polity, Society and Economy Religious Movements: Buddhism and Jainism Mahajanapada: Rise of Magdha Empire		15
II	Mauryan Empire: Chandragupta Maurya and Ashoka Post-Mauryan State: Kushanas and Satvahanas Gupta Empire: Conquests of Samudragupta and Chandragupta II; Administration of Guptas Post-Gupta Period: Pushpabhuties and Chalukayas		15

III	Triangular Struggle for Hegemony of Kannauj: Palas, Pritiharas and Rashtrakutas Polity and Administration of Cholas Rise of Rajputs with Special Reference to Tomars Mahmood Ghaznavi and Muhammad Ghori: Conflicts with Indian States and Impact	15
IV	Maps (India): Important Sites of Harappan Civilization Expansion of Ashoka's Empire Expansion of Kanishka's Empire Expansion of Harsha's Empire	15
V*	Practical/Tutorial	15
Suggested Evaluation Methods		
Internal Assessment:		30 Marks
➤ Theory		
• Class Participation:		05 Marks
• Seminar/presentation/assignment/quiz/class test etc.:		10 Marks
• Mid-Term Exam:		15 Marks
➤ Practicum		N.A.
• Class Participation:		
• Seminar/Demonstration/Viva-voce/Lab records etc.:		
• Mid-Term Exam:		
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
Allchin, B. and Allchin R.	<i>Origins of a Civilization: The Pre-history and Early Archaeology of South Asia</i> , Viking, New Delhi, 1997.	
Basham, A. L.	<i>The Wonder that was India</i> , Rupa Publications, Bombay, 1971.	
Bhandarkar, D. R.	<i>Some Aspects of Ancient Hindu Polity</i> , Benares, 1929.	
Bogucki, P.	<i>The Origin of Human Society</i> , Wiley-Blackwell, Massachusetts, 1999.	
Burton, Stein	<i>History of India</i> , OUP, New Delhi, 1998.	
Carr, E. H.	<i>Itihas Kya Hai</i> , Macmillan Publication, New Delhi 1976.	
Chandra Satish	<i>Medieval India: From the Sultanate to the Mughals</i> , Delhi 1997.	
-----	<i>History of Medieval India</i> , Orient Blackman, Reprint Hyderabad, 2018	
-----	<i>Madhyakalin Bharat: Rajniti Samaj and Sanskriti</i> , Delhi, 2007.	
Dinkar, Ramdhari Singh	<i>Sanskriti Ke Char Adhyaya</i> , Sahitya Academy, 1956.	

Farukhi, A.	<i>PrachinEvamMadhyakalinSamajikSanrachanaye aurSanskritiya</i> , ManakPrakashan, Delhi, 2015.
Habib, Irfan,	<i>The Indus Civilization</i> , Tulika, New Delhi, 2002.
Jayasval, K. P.,	<i>Hindu Polity</i> , Calcutta, 1924.
Jha, D. N. and Shrimali, K. M.	<i>Prachin Bharat KaItihas</i> , New Delhi, 1990.
Kosambi, D. D.	<i>PrachinBhartiyaSabhyataEvamSanskriti</i> , Rajkamal, New Delhi.
Lahri, Nayanjot, ed.	<i>The Decline and Fall of the Indus Civilization</i> , Permanent Black, New Delhi, 2000.
Majumdar, R. C.	<i>History and Culture of the Indian People</i> , V Vols., BhartiyaVidhyaBhavan Series, Bombay, 1970, 1979, 1980.
Sharma, R. S.	<i>India's Ancient Past</i> , OUP, New Delhi, 2007.
-----	<i>Looking for the Aryans</i> , Orient Longman Publishers, Delhi, 1995.
-----	<i>Aspects of Political Ideas and Institution in Ancient India</i> , MotilalBanarsidas, New Delhi, 1991.
Rao, N. S. Subba	<i>Lectures on the Economic Condition of Ancient India, Being an Analytical Study of the Jatakas</i> , Mysore, 1911.
Thapar, Romila	<i>The Past Before Us: Historical Traditions of Early India</i> , Permanent Black, Part – I, Delhi, 2013.
-----	<i>A History of Ancient India</i> , Vol. I Penguin India, New Delhi, 2000.
Tripathi, Ramashankar	<i>History of Ancient India</i> , MotilalBanarsidas Publishers Pvt. Ltd., New Delhi, 2006.

CC-M2

Session: 2023-24	
PartA - Introduction	
Subject	History
Semester	2 nd
Name of the Course	Orality and Oral Culture in India
Course Code	B23-HIS-202
CourseType: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC-M
Level of the course (As per Annexure-I)	200-299
Pre-requisite for the course (ifany)	N.A.

Course Learning Outcomes (CLO):	After completing this course, the learner will be able to: 1. Acquaint with the different Definitions of Orality and History/Historiography of Orality. 2. Grasp the Theatrical Debate on Power/Knowledge Paradigm and Control as well as Ideology, Identity and Knowledge Production with special reference to Gender and Caste. 3. Understand the historical significance of Life Stories and its Sociological Aspects with special reference to the Autobiographies of Women & Dalits and the Method how to Record Life Histories. 4. Familiar with the Research Methodologies of Oral History and different forms of Documentation, particularly Written & Visual Representations.		
Credits	Theory	Practical/Tutorial	Total
	02	-	02
Contact Hours	02	-	02
Max. Marks:	50	Time: 3 Hrs.	
Internal Assessment Marks:	15		
End Term Exam Marks:	35		
Part B-Contents of the Course			
<u>Instructions for Paper-Setter:</u>			
1. Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 07 marks. 2. The Compulsory Question shall consist of <i>seven</i> short answer type questions of 01 marks each which shall be spread over the whole syllabus. 3. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question.			
Unit	Topics		Contact Hours
I	Defining Orality History and Historiography of Orality		7
II	Power/Knowledge Paradigm and Control: Theatrical Debate Ideology, Identity and Knowledge Production: Gender and Caste		8
III	Life Stories: Sociological Aspects with special reference to the Autobiographies of Women & Dalits Recording Life Histories		8

IV	Research Methodologies of Oral History Documentation: Written & Visual Representations	7
V*	Practical/Tutorial	-
Suggested Evaluation Methods		
Internal Assessment: ➤ Theory <ul style="list-style-type: none"> • Class Participation: 04 Marks • Seminar/presentation/assignment/quiz/class test etc.: 04 Marks • Mid-Term Exam: 07 Marks ➤ Practicum <ul style="list-style-type: none"> • Class Participation: N.A. • Seminar/Demonstration/Viva-voce/Lab records etc.: • Mid-Term Exam: 		15 Marks End Term Examination: 35 Marks
Part C-Learning Resources		
Recommended Books/e-resources/LMS: Bandyopadhyay, Shekhar, <i>Caste, Protest and Identity in Colonial India: The Namasudras of Bengal, 1872-1947</i> , Curzon, Surrey, 1997. Dirks, Nicholas, <i>Castes of Mind: Colonialism and the Making of Modern India</i> , Delhi: Permanent Black, 2006. Das, Veena (ed.), <i>Mirrors of Violence: Communities, Riots & Survivors in South Asia</i> , Delhi, OUP, 1990. Foley, John Miles, <i>Oral Formulaic-Theory: An Introduction & Annotated Bibliography</i> , New York & London: Garland, 1985. Foucault, Michael, <i>Power/Knowledge: Selected Interviews and Other Writings</i> (edited by Colin Gordon), Pantheon Books, New York, 1980. ———, <i>The Order of Things: An Archaeology of Human Sciences</i> , Pantheon Books, New York, 1970. ———, <i>Ethics: Subjectivity and Truth</i> , Vol. I, Penguin, New Delhi, 2002. Humphries, Stephen, <i>The Handbook of Oral History: Recording Life Stories</i> . University of Michigan: Inter-Action Imprint, 1984. Mahadeva, Prasad M., <i>Ideology of the Hindi Film: A Historical Construction</i> . Delhi: OUP, 1998. M.F.D. <i>Knowledge & Control</i> , London, 1971. Malhotra, Anshu, <i>Gender, Caste and Religious Identities: Restructuring Class in Colonial Punjab</i> , Oxford University Press, Delhi, 2002. Narayan, Badri, and A.R. Misra (ed.), <i>Multiple Marginalities: An Anthology of Identified Dalit Writing</i> , Manohar, Delhi, 2004. Omvedt, Gail, <i>Cultural Revolt in a Colonial Society: Non-Brahman Movement in Western India 1873-1930</i> . O'Hanlon, Rosalind. [1985] 2002, rpt. 2010. <i>Caste, Conflict and Ideology: Mahatma Jotirao Phule and the Low Caste Protest in Nineteenth Century Western India</i> . Pawar, Daya, <i>Achhoot</i> , Radhakrishan Prakashan, New Delhi, 2006. Prasad, Chandra Bhan, <i>Dalit Diary: 1999-</i>		

2003: *ReflectionsonApartheidinIndia*, Pondicherry, Navayana, 2004.
 Rao, Anupama (ed.), *GenderandCaste*, KaliforWomen, Delhi, 2003.
 ———, *TheCasteQuestion: DalitsandthePoliticsofModernIndia*, PermanentBlack, Delhi, 2009.
 Rege, Sharmila, *WritingCaste/WritingGender: NarratingDalitWomen'sTestimonies*, Zubaan, Delhi, 2006.
 Roberts, Elizabeth, *A Woman's Place: An Oral History of Working Class Women, 1890-1940*, Blackwell, Oxford, 1996.
 Roberts, H. (ed.), *Doing Feminist Research*, London: Routledge & Kegan Paul, 1981.
 Rosenthal, Joel T. (ed.), *Medieval Women and the Sources of Medieval History*. Athens and London: University of Georgia Press, 1990.
 Rousseau, Constance M. and Joel T. Rosenthal, *Women, Marriage, and Family in Medieval Christendom*, Kalama zoo: Medieval Institute Publications, 1998.
 Roy, Srirupa, "The Post-Colonial State and Visual Representations of India" *Contributions to Indian Sociology*, 2006, 36, 1 & 2: 233-263.
 Sangari, Kumkum and Sudesh Vaid (eds), *Recasting Women: Essays in Colonial History*, Kali for Women, Delhi, 1989.
 Uberoi, Patricia, *Freedom and Destiny: Gender, Family and Popular Culture in India*. Delhi: OUP, 2006.
 Valmiki, Om Prakash, *Joothan: A Dalit's Life*, Atlantic Publishers, New Delhi, 2007.

DSEC-1

Session: 2023-24	
Part A – Introduction	
Subject	History
Semester	2 nd
Name of the Course	History: Theory & Method
Course Code	B23-HIS-203
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	DSEC
Level of the course (As per Annexure-I)	200-299
Pre-requisite for the course (if any)	N.A.
Course Learning Outcomes (CLO):	After completing this course, the learner will be able to: 1. Learn the historical debates on Meaning, Nature, Scope and Utility of History; Emerging Areas of History like New History, Big History, Gender History and Sub Histories, and Relations of History with Other Disciplines. 2. Understand the historical debates on the

	<p>issues/problems concerning the Theory of History particularly the Nature of Historical Facts, Objectivity in History, Causation in History and Value Judgment in History.</p> <p>3. Acquaint with the different Methods of History particularly the Techniques of Data Collection/Selection, Method of Historical Criticism and Method of Historical Explanation and framing Generalizations/Hypothesis.</p> <p>4. Acquaint with the key steps towards Historical Research, e.g., Selection of Theme, Survey of Literature, Preparation of Synopsis, Proposition of Research Work, Use of ICT in Historical Research, Arrangement of References and Making Bibliography.</p>		
Credits	Theory	Practical/Tutorial	Total
	03	01	04
Contact Hours	03	01	04
Max. Marks:	100	Time: 3 Hrs.	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part B-Content of the Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 14 marks. The Compulsory Question shall consist of <i>seven</i> short answer type questions of 2 marks each which shall be spread over the whole syllabus. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. 			
Unit	Topics		Contact Hours
I	Understanding History: Meaning, Nature and Scope Utility of History Relations of History with Other Social Sciences Emerging Areas: New History, Big History, Gender History etc.		15
II	Theory of History: Nature of Historical Facts Objectivity in History Causation in History		15

	Value Judgment in History	
III	Methods of History: Types of Historical Sources Techniques of Data Collection and Selection Historical Criticism Historical Explanation: Interpretations, Generalizations and Hypothesis	15
IV	Towards Historical Research: Selection of Topic Literature Review Preparation of Synopsis Use of ICT in Historical Research Footnotes/Endnotes, References and Bibliography	15
V*	Practical/Tutorial	15
Suggested Evaluation Methods		
Internal Assessment:		30 Marks
➤ Theory		
• Class Participation:		05 Marks
• Seminar/presentation/assignment/quiz/class test etc.:		10 Marks
• Mid-Term Exam:		15 Marks
➤ Practicum		N.A.
• Class Participation:		
• Seminar/Demonstration/Viva-voce/Lab records etc.:		
• Mid-Term Exam:		
End Term Examination: 70 Marks		
Part C-Learning Resources		
Recommended Books/e-resources/LMS:		
Ali, B. Sheikh	<i>History: its Theory and Method</i> , Madras, 1978	
Atkinson, R.F.	<i>Knowledge and Explanation in History</i> , London, 1978	
Bajaj, Satish, K.	<i>Recent Trends in Historiography</i> , New Delhi, 1988	
Barnes, H.E.	<i>A History of Historical Writing</i> , Oklahoma Norman, 1937	
Bentley, Michael (ed)	<i>Companion to Historiography</i> , London, 1997	
Bitterns, Hans	<i>The Idea of Post Modern : A History</i> , London, 1995	
Block, Marc	<i>The Historian's Craft</i> , Manchester, 1954	
Buddha Prakash	<i>Itihas Darshan (Hindi)</i> , Varanasi, 1962	
Butterfield, H.	<i>The Whig Interpretation of History</i> , London, 1951	
Cannon, John (ed.)	<i>The Historian at Work</i> , London 1980	
Carr, E.H.	<i>What is History</i> , Reprint, London, 1983 (First Publication: 1964)	
Clark, K.	<i>Guide for Research Students Working on Historical Subjects</i> Cambridge, 1969	
Clark, Stuart	<i>The Annals Historians: Critical Assessment</i> , Vol. I, London, 1999	
Collingwood, R. G.	<i>The Idea of History</i> , oxford, 1946	
Delanlez, Jean (ed.)	<i>A Guide to Historical Method</i> , New York, 1946	
	<i>Dictionary of History of Ideas</i> , Vols. 1 & 2, New York, d.d.	

Dray, Arthur	<i>On History and philosophers of History</i> , New York, 1989
Durant, Will and Ariel	<i>The Story of Civilization</i> , Vols. I-IX, d.d.
Durant	
Elton, Geoffrey	<i>The Practice of History</i> , London, 1967
-----	<i>Returns to Essentials: Some Reflections on the Present State of Historical Study</i> , Cambridge, 1991
	<i>Encyclopedia of Islam</i> , New Edition, Vols. 3 & 4, 1979
Evans, j. Richard	<i>In Defense of History</i> , London, 1997
Foucault, Michel	<i>Power /Knowledge: Selected Interviews and Others Writings</i> , Brighton, 1980
Gayle, Peter	<i>Debates with Historians</i> , New York, 1958
Gooch, G. P.	<i>History and Historians of the Nineteenth Century</i> , London 1952 (First Publication : 1913)
Hegel, G.P.	<i>The Philosophy of History</i> , New York, 1958
Hackett, H.C.	<i>The Critical method in Historical Research and Writing</i> , New York, 1955
Hughes, Warrington	<i>Fifty Key Thinkers on History</i> , London, 2000
Hasan, Mohibbul (ed.)	<i>Historians of Medieval India</i> , Meerut, 1968
Jenkins, Keith (ed.)	<i>Post-Modern History Reader</i> , London 1997
-----	<i>Why History? Reflections on the Possible End of History and Ethics Under the Impact of the Postmodern</i> , London, 1999
Marwick, Arthur	<i>The Nature of History</i> , Reprint, London, 1970 (First Publication : 1984)
-----	<i>What History Is and Why It Is Important?</i> Buckinghamshire, 1970
Marx, Karl and Fredrick Angles	<i>The Communist Manifesto</i> (edited by A. P. J. Taylor), London 1974
Munslow, Alun	<i>Deconstructing History</i> , London, 1997
Reiner, G.T.	<i>History : Its Purpose and Method</i> , London, 1961
Russel, Bertrand	<i>History of Western Philosophy</i> , London, 1947
Shefer, R. J.	<i>A Guide to Historical Method</i> , Homewood, 1974
Sridharan, E.	<i>A Textbook of Historiography 500 B.C. to A. D. 2000</i> , New Delhi, 2004
Thompson, J. W. & Holm Bernard	<i>A History of Historical Wriiting</i> , Vols. 1 & 2, New York, 1942

MDC-2

Session: 2023-24	
PartA– Introduction	
Subject	History
Semester	2 nd
Name of the Course	Glimpses of Medieval India
Course Code	B23-HIS-204

CourseType: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	MDC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (ifany)	N.A.		
CourseLearningOutcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Learn the major historical developments pertaining to the Emergence and Consolidation of Delhi Sultanate; State Apparatus of the Sultanate; rise of Bahmani and Vijaynagar Empires, and the growth of Bhakti and Sufi Movements in medieval India. 2. Understand the major historical developments pertaining to the Establishment of Mughal Rule; rise of ShershahSuri and his Administration, and Polity & Policies of the Great Mughals. 3. Grasp the features of Society and Economy under the Mughals; nature of Mughal Systems of Mansabdari, Zabti, Jagirdari and Izaradari, and the causes of Disintegration of Mughal Empire. 4. Acquaint with the Emergence of Regional Powers in 18th century; Rivalry between European Powers in India and Carnatic Wars, and the Conquest of East India Company over Bengal. 		
Credits	Theory	Practical/Tutoria l	Total
	03	-	03
Contact Hours	03	-	03
Max. Marks:	75	Time: 3 Hrs.	
Internal Assessment Marks:	25		
End Term Exam Marks:	50		
PartB-Contentsofthe Course			
<u>Instructions for Paper-Setter:</u>			
<ol style="list-style-type: none"> 1. Nine questions shall be set in all, two questions from each Unit I-IV and Question No 1, that is, Compulsory Question, by taking CLOs into consideration. Each question shall carry 10 marks. 2. The Compulsory Question shall consist of <i>five</i> short answer type questions of 02 marks each which shall be spread over the whole syllabus. 3. The candidate shall be required to attempt <i>five</i> questions in all selecting one each question from Unit I-IV and the Compulsory Question. 			

Unit	Topics	Contact Hours
I	Establishment and Consolidation of Delhi Sultanate: Polity of the Sultans State Apparatus of Delhi Sultanate: Administration with special reference to <i>Iqtadari</i> System Bahmani and Vijaynagar Empires Bhakti and Sufi Movements	12
II	Establishment of Mughal Rule: Babur and Humayun ShershahSuri and his Administration The Great Mughals: Akbar to Aurangzeb – Polity and Policies	11
III	Society and Economy under Mughals Mughal Systems: Mansabdari, Zabti, Jagirdari and Izaradari Disintegration of Mughal Empire.	11
IV	Emergence of Regional Powers: Bengal, Hyderabad, Marathas and Sikhs Rivalry between European Powers in India and the Carnatic Wars Conquest of East India Company over Bengal: Battle of Plessey	11
V*	Practical/Tutorial	-
Suggested Evaluation Methods		
Internal Assessment: > Theory • Class Participation: • Seminar/presentation/assignment/quiz/class test etc.: • Mid-Term Exam: > Practicum • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: • Mid-Term Exam:		25 Marks 05Marks 07 Marks 13 Marks N.A.
Part C-Learning Resources		
Recommended Books/e-resources/LMS: Aziz, A. <i>The Mansabdari System and the Mughal Army</i> , Idarah-i-Adabiyat, New Delhi, 1954. Chandra Bipan <i>History of Modern India</i> , Orient Blackman, Hyderabad, 2019, Reprint. Chandra Satish <i>Medieval India from the Sultanate to the Mughals</i> , Delhi 1997. ----- <i>History of Medieval India</i> , Orient Blackman, Reprint Hyderabad, 2018 ----- <i>Madhyakalin Bharat: Rajniti Samaj and Sanskriti</i> , Delhi, 2007. Chaurasia, R. S. <i>History of Modern India</i> , Atlantic, New Delhi, 2002.		

Habib, Irfan	<i>The Agrarian System of Mughal India, 1526-1707</i> , OUP, New Delhi, 1999.
Dinkar, Ramdhari Singh Habibullah, A. B. M.	<i>Sanskriti Ke Char Adhyaya</i> , Sahitya Academy, 1956. <i>The Foundation of Muslim Rule in India</i> , Central Book Depot, Allahabad, 1967.
Grover, B. L. and Alka Mehta	Modern Indian History, S. Chand and Company, New Delhi, 2018.
Majumdar, R.C., J.N. Chaudhri, & S. Chaudhari	<i>The Mughal Empire</i> , Vol. 7, Bharti Vidhya Bhawan, Bombay, 1960.
Moreland, W. H.	<i>The Agrarian System of Moslem India</i> , Central Books, Allahabad, 1920.
Prasad, Beni Prasad, Ishwari,	<i>History of Jahangir</i> , OUP, London, 1922. <i>The Life and Times of Humayun</i> , Orient Longman, Calcutta, 1955.
Raychaudhary, Tapan & Irfan Habib	<i>The Cambridge Economic History of India</i> , Vol. I, Orient Longman, Hyderabad, 1984.
Richards, J. F.	<i>The Mughal Empire</i> , Foundation Books, New Delhi, 1993.
Sarkar, J. N.	<i>History of Aurangzeb</i> , 5 Vols. J. Sarkar & Sons, Calcutta, 1912-14.
Sastri, K. A. Nilakanta Srivastava, A. L.	<i>A History of South India</i> , OUP, New Delhi, 1976. <i>Akbar the Great</i> , 2 Vols. Shil Lal Agarwal & Co., Agra, 1962, 1967.
Tripathi, R. P.	<i>Rise and Fall of the Mughal Empire</i> , Central Book Depot., Allahabad, 1956.
Quereshi, I. H.	<i>The Administration of the Mughal Empire</i> , OUP, Karachi, 1866.

Semester-III:

CC-3/MCC-4

Session: 2024-25	
Part A - Introduction	
Subject	History
Semester	3 rd
Name of the Course	History of India (1206-1757)
Course Code	B23-HIS-301
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC/MCC

DEPARTMENT OF MATHEMATICS 2023-24

Programme code	Programme Name	Year of Introduction	Status of implementation of CBCS/elective course system (Yes/No)	Year of implementation of CBCS/elective course system	Link to the relevant document
B23- MAT- 101	CALCULUS	2023	YES	2023	
B23- MAT- 103	BASIC CALCULUS	2023	YES	2023	
B23- MAT- 104	INTRODUCTORY MATHEMATICS	2023	YES	2023	
B23- MAT- 201	ALGEBRA AND NUMBER THEORY	2023	YES	2023	
B23- MAT- 203	BASIC ALGEBRA	2023	YES	2023	
B23- MAT- 204	MATHEMATICS FOR COMMERCE&SOCIAL SCIENCES	2023	YES	2023	

Semester	Course Type	Applicable Scheme	Course Code	Nomenclature of course	Credits			Contacthours L: Lecture P: Practical T: Tutorial			Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
					Total	Theory (T)	Practical (P)	L	P	Total	T	P	T	P		T	P
1	CC-1 MCC-1	Scheme A,B&C	B23-MAT-101	CALCULUS	4	3	1	3	2	5	20	10	50	20	100	3	3
	CC-M1	Scheme A,B&D	B23-MAT-103	BASIC CALCULUS	2	1	1	1	2	3	10	5	20	15	50	3	3
	MDC1	Scheme A,B,C &D	B23-MAT-104	INTRODUCTORY MATHEMATICS	3	2	1	2	2	4	15	5	35	20	75	3	3
2	CC-2 MCC-3	Scheme A,B&C	B23-MAT-201	ALGEBRA AND NUMBER THEORY	4	3	1	3	2	5	20	10	50	20	100	3	3
	CC-M2	Scheme A,B&D	B23-MAT-203	BASIC ALGEBRA	2	1	1	1	2	3	10	5	20	15	50	3	3
	MDC2	Scheme A,B,C &D	B23-MAT-204	MATHEMATICS FOR COMMERCE&SOCIAL SCIENCES	3	2	1	2	2	4	15	5	35	20	75	3	3

CC-1 /MCC-1

Session: 2023-24

Part A – Introduction

Session: 2023-24	
Part A – Introduction	
Subject	Mathematics
Semester	I
Name of the Course	Calculus
Course Code	B23-MAT-101
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC
Level of the course	100-199
Pre-requisite for the course (if any)	Mathematics as a subject at 4.0 Level (Class-XII)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Gain knowledge of the concepts and theory of limit, continuity and differentiability of functions. Attain skills of calculating the limit of functions and examining the continuity and differentiability of different types of functions, and perform successive differentiation of functions. To apply the procedural knowledge to obtain the series expansions of functions which find multidisciplinary applications. 2. Understand concepts of asymptotes and curvature, the geometrical meaning of these terms and to have procedural knowledge to solve related problems. 3. Determine singular points of a curve and classify them. Understand the concept of rectification of curves and derive the reduction formulae. 4. Have theoretical knowledge and practical skills to evaluate the area bounded by the curves, and volume and surface area of solids formed by revolution of curves. <hr/> <ol style="list-style-type: none"> 5. Attain cognitive and technical skills required for solving different problems of calculus associated with
CLO 5 is related to the practical component of the course.	

	tracing of curves, determination of curvature, and rectification of curves, volume and surface area of solids of revolution. Have technical and practical skills of solving calculus problems related to differentiation and integration of functions by using MAXIMA software.		
Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Internal Assessment Marks	20	10	30
End Term Examination Marks	50	20	70
Examination Time	3 Hours	3 Hours	
Max. Marks:100			
Part B- Contents of the Course			
<u>Instructions for Paper- Setter</u>			
<p>Note: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 5 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.</p>			
Unit	Topics		Contact Hours
I	ϵ - δ definition of limit and continuity of a real valued function, Basic properties of limits, Types of discontinuities, Differentiability of functions, Application of L'Hospital rule to indeterminate forms, Successive differentiation, Leibnitz theorem, Taylor's and Maclaurin's series expansion with different forms of remainder.		12
II	Asymptotes: Horizontal, vertical and oblique asymptotes for algebraic curves, Asymptotes for polar curves, Intersection of a curve and its asymptotes, Curvature and radius of curvature of curves (cartesian, parametric, polar & intrinsic forms), Newton's method, Centre of curvature and circle of curvature.		12

III	Multiple points, Node, Cusp, Conjugate point, Tests for concavity and convexity, Points of inflexion, Tracing of curves, Reduction formulae.	12
IV	Rectification, intrinsic equation of a curve, Quadrature, Area bounded by closed curves, Volumes and surfaces of solids of revolution.	12
Practical		
	<p>The practical component of the course has two parts, Problem Solving and Practical's using MAXIMA software. The examiner will set 4 questions at the time of practical examination asking two questions from the part (A) and two questions from the part (B) by taking course learning outcomes (CLO) into consideration. The examinee will be required to solve one problem from the part (A) and to execute one problem successfully from the part (B). Equal weightage will be given to both the parts. The evaluation will be done on the basis of practical record, viva-voce, write up and execution of the program.</p> <p>(A) Problem Solving- Questions related to the following problems will be solved and their record will be maintained in the Practical Notebook:</p> <ol style="list-style-type: none"> 1. Problems of curve tracing when equation is given in Cartesian coordinates. 2. Problems of curve tracing when equation is given in Parametric form. 3. Problems of curve tracing when equation is given in Polar coordinates. 4. Problem of determination of length of a curve expressed in Cartesian coordinates. 5. Problem of determination of length of a curve expressed in Polar coordinates. 	30

6. Problem of determination of radius of curvature expressed in Cartesian coordinates.
 7. Problem of determination of radius of curvature expressed in Polar coordinates.
 8. Problem of determination of radius of curvature expressed in Parametric form.
 9. Problem of determination of volumes and surfaces of solids of revolution for Cartesian curve.
 10. Problem of determination of volumes and surfaces of solids of revolution for Parametric curve.
 11. Problem of determination of volumes and surfaces of solids of revolution for Polar curve.
- (B)The following practicals will be done using MAXIMA software and their record will be maintained in the practical note book:**
1. Learn to use basic operators and functions in Maxima software.
 2. Simplify algebraic expressions and expressions containing radicals, logarithms, exponentials and trigonometric functions.
 3. Expand algebraic, rational, trigonometric and logarithmic expressions.
 4. Find derivatives of algebraic, trigonometric, exponential and logarithmic functions.
 5. Find derivatives of functions involving above mentioned functions.
 6. Problems of successive differentiation.
 7. Find indefinite integrals of different functions.
 8. Find definite integrals of different functions.
 9. To plot curves involving Cartesian, parametric and polar forms.
 10. To demonstrate singular points.

Suggested Evaluation Methods

<p>Internal Assessment:</p> <p>➤ Theory 20</p> <ul style="list-style-type: none"> • Class Participation: 5 • Seminar/presentation/assignment/quiz/class test etc.: 5 • Mid-Term Exam: 10 <p>➤ Practicum 10</p> <ul style="list-style-type: none"> • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: 10 • Mid-Term Exam: 	<p>End Term Examination:</p> <p>➤ Theory 50 Written Examination</p> <p>➤ Practicum 20 Lab record, viva-voce, write up and execution of the program</p>
<p>Part C-Learning Resources</p>	
<p>Recommended Books:</p> <ol style="list-style-type: none"> 1. Howard Anton, I. Bivens & Stephan Davis (2021). <i>Calculus</i> (12th edition). J. Wiley & Sons. 2. Gabriel Klambauer (1986). <i>Aspects of Calculus</i> (4th edition). Springer. 3. Wieslaw Krawcewicz & Bindhyachal Rai (2003). <i>Calculus with Maple Labs</i>. Alpha Science Int'l Ltd. 4. Gorakh Prasad (2016). <i>Differential Calculus</i> (19th edition). Pothishala Pvt. Ltd. 5. George B. Thomas Jr., Joel Hass, Christopher Heil & Maurice D. Weir (2018). <i>Thomas' Calculus</i> (14th edition). Pearson Education. 6. Monty J. Strauss, Gerald L. Bradley & Karl J. Smith (2002). <i>Calculus</i> (3rd edition). Dorling Kindersley (India) Pvt. Ltd. 	

CC-M1

Session: 2023-24

Part A - Introduction

Session: 2023-24	
Part A - Introduction	
Subject	Mathematics
Semester	I
Name of the Course	Basic Calculus
Course Code	B23-MAT-103
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-M
Level of the course	100-199
Pre-requisite for the course (if any)	Mathematics as a subject at 4.0 Level (Class-XII)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Gain knowledge of the concepts of limit, continuity and differentiability of functions, calculate the limit of functions and examine the continuity and differentiability of different types of functions, and perform successive differentiation of functions and obtain their series expansions, which find multidisciplinary applications within the chosen field of learning. 2. Have deeper understanding of Taylor's and Maclaurin's theorem and use this knowledge for series expansion of various functions, which find multidisciplinary applications within the chosen field of learning. 3. Understand and acquire procedural skills required for accomplishing assigned tasks of determining asymptotes and analyze them geometrically. 4. Comprehend the process of deriving reduction formulae and use this skill to solve typical integrals easily and quickly.

CLO 5 is related to the practical component.	5. Attain cognitive and theoretical skills to find successive derivatives of a function, higher derivative of the product of two functions using Leibnitz's rule and apply this skill for expansion of functions. Have technical and practical skills of solving problems related to differentiation and integration of functions by using built in functions of MAXIMA software.		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	1	2	3
Internal Assessment Marks	10	5	15
End Term Examination Marks	20	15	35
Contact Hours	3 Hours	3 Hours	
Max. Marks:50			
Part B- Contents of the Course			
<u>Instructions for Paper- Setter</u>			
<p>Note: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.</p>			
Unit	Topics		Contact Hours
I	Limit and continuity of a real valued function, basic properties of limits, types of discontinuities, Differentiability of functions. Application of L'Hospital rule to Indeterminate forms.		4
II	Successive differentiation, Leibnitz theorem (statement only), Taylor's and Maclaurin's series expansions with different forms of remainder.		4
III	Asymptotes: Horizontal, vertical and oblique asymptotes for algebraic curves, Asymptotes for polar curves, Intersection of a curve and its asymptotes.		4

IV	Reduction formulae.	4
Practical		
	<p>This course has two components, Problem Solving and Practical's using MAXIMA software. The examiner will set 4 questions at the time of practical examination asking two questions from the part (A) and two questions from the part (B) by taking course learning outcomes (CLOs) into consideration. The examinee will be required to solve one problem from the part (A) and to execute one problem successfully from the part (B). Equal weightage will be given to both the parts. The evaluation will be done on the basis of practical record, viva-voce, write up and execution of the program.</p> <p>(A) Problem Solving- Questions related to the following problems will be solved and their record will be maintained in the Practical Notebook:</p> <ol style="list-style-type: none"> 1. Practical problems to check the limit and continuity of a function. 2. Practical problems to check the differentiability of a function. 3. Practical problems of finding derivatives of algebraic, trigonometric, exponential and logarithmic functions. 4. Practical problems of finding n^{th} derivatives using Leibnitz theorem. 5. Practical problems related to application of Taylor's theorem. 6. Practical problems to find the asymptotes of a given 	30

	<p>algebraic curve.</p> <p>7. Practical application of L'Hospital rule to evaluate indeterminate forms.</p> <p>8. Practical problems to find the asymptotes of a polar curve.</p> <p>9. Practical problems to find Maclaurin's series expansion of various functions.</p> <p>10. Practical problems based on reduction formulae.</p> <p>(B)The following practicals will be done using MAXIMA software and record of those will be maintained in the practical note book:</p> <ol style="list-style-type: none"> 1. Introduce basic operators and functions in Maxima software. 2. Simplify algebraic expressions and expressions containing radicals, logarithms, exponentials and trigonometric functions. 3. Expand algebraic, rational, trigonometric and logarithmic expressions. 4. Find derivatives of algebraic, trigonometric, exponential and logarithmic functions. 5. Find derivatives of functions involving above mentioned functions. 6. Find indefinite integrals of different functions. 7. Find definite integrals of different functions. 	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory 10</p> <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.: • Mid-Term Exam: 6 <p>➤ Practicum 5</p> <ul style="list-style-type: none"> • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: 		<p>End Term Examination:</p> <p>➤ Theory 20 Written Examination</p> <p>➤ Practicum 15 Lab record, viva-voce, write up and execution of the program</p>
Part C-Learning Resources		

Recommended Books:

1. Howard Anton, I. Bivens & Stephan Davis (2021). *Calculus* (12th edition). Wiley India.
2. Gabriel Klambauer (1986). *Aspects of Calculus*. Springer-Verlag.
3. Wieslaw Krawcewicz & Bindhyachal Rai (2003). *Calculus with Maple Labs*. Narosa.
4. Gorakh Prasad (2016). *Differential Calculus* (19th edition). Pothishala Pvt. Ltd.
5. George B. Thomas Jr., Joel Hass, Christopher Heil & Maurice D. Weir (2018). *Thomas' Calculus* (14th edition). Pearson Education.
6. Monty J. Strauss, Gerald L. Bradley & Karl J. Smith (2011). *Calculus* (3rd edition). Pearson Education. Dorling Kindersley (India) Pvt. Ltd.

MDC-1

Session: 2023-24	
Part A– Introduction	
Subject	Mathematics
Semester	I
Name of the Course	Introductory Mathematics
Course Code	B23-MAT-104
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	MDC
Level of the course	100-199
Pre-requisite for the course (if any)	NA
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Gain the knowledge of set theory, types of sets and operations on sets. Understand various concepts of matrices and determinants, and acquire the cognitive skills to apply different operations on matrices and determinants. 2. Have the knowledge of the basic concepts of complex numbers and acquire skills to solve linear inequalities and quadratic equations. 3. Gain the knowledge of the concepts of Arithmetic progression, Geometric progression and Harmonic progression, and find A.M., G.M. and H.M. of given numbers. 4. Have the conceptual knowledge of straight lines and circles. Find out the slope of a line, angle between two lines, and know about various forms of a straight line and the standard form of a circle.
CLO 5 is related to the practical components of the course.	<ol style="list-style-type: none"> 5. Attain the skills to make use of the learnt concepts of Introductory Mathematics in multidisciplinary learning contexts and to know their applications.

	Theory	Practical	Total
Credits	2	1	3
Contact Hours	2	2	4
Internal Assessment Marks	15	5	20
End Term Examination Marks	35	20	55
Examination Time	3 Hrs	3Hrs	
Max. Marks:75			
Part B-Contents of the Course			
<u>Instructions for Paper- Setter</u>			
<p>Note: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 7 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.</p>			
Unit	Topics		Contact Hours
I	Sets and their representations, Empty set, Finite and infinite sets, Subsets, Equal sets, Power sets, Universal set, Union and intersection of sets, Difference of two sets, Complement of a set, Venn diagram, De-Morgan's laws and their applications. An introduction to matrices and their types, Operations on matrices, Symmetric and skew-symmetric matrices, Minors, Co-factors. Determinant of a square matrix, Adjoint and inverse of a square matrix, Solutions of a system of linear equations up to order 3.		8
II	Complex numbers, Operations on complex numbers, Modulus and argument of a complex number. Linear inequalities, Algebraic solutions of linear inequalities in two variables and their graphical representation. Quadratic equations, Solution of quadratic equations.		8

III	Arithmetic progression, Geometric progression, Harmonic progression, Arithmetic mean (A.M.), Geometric mean (G.M.), Harmonic mean (H.M.), Relation between A.M., G.M. and H.M.	8
IV	Straight lines: Slope of a line and angle between two lines, Different forms of equation of a line: Parallel to co-ordinate axes, Point-slope form, Slope-intercept form, Two-point form, General form; Distance of a point from a straight line. Standard form of a circle and its properties.	8
Practical		
	<p>The examiner will set 4 questions at the time of practical examination by taking course learning outcomes (CLOs) into consideration. The examinee will be required to solve 2 questions. The evaluation will be done on the basis of practical record, viva-voce and written examination.</p> <p>Problem Solving- Questions related to the practical problems based on following topics will be worked out and record of those will be maintained in the Practical Note Book:</p> <ol style="list-style-type: none"> 1. Problems related to union, intersection, difference and complement of sets. 2. Problems based on De Morgan's Laws. 3. Problems related to Venn diagrams. 4. Problems to find inverse of a matrix. 5. Problems to find determinant of a square matrix of order 3. 6. Problems to find nth term of A.P., G.P. and H.P. 7. Problems to find sum of n terms of A.P., G.P. and H.P. 8. Problems to find A.M., G.M. and H.M. of given numbers. 	30

	<p>9. Problems to find modulus and argument of a complex number.</p> <p>10. Problems involving formulation and solution of quadratic equations in one variable.</p> <p>11. Problems to represent solutions of linear inequalities graphically.</p> <p>12. Problems based on angle between two lines.</p> <p>13. Problems involving straight lines and their slope.</p> <p>14. Problems related to a circle.</p>	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory 15</p> <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.: 4 • Mid-Term Exam: 7 <p>➤ Practicum 5</p> <ul style="list-style-type: none"> • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: 	<p>End Term Examination:</p> <p>➤ Theory 35</p> <p style="padding-left: 20px;">Written Examination</p> <p>➤ Practicum 20</p> <p style="padding-left: 20px;">Lab record, viva-voce, written examination.</p>	
Part C-Learning Resources		
<p>Recommended Books:</p> <ol style="list-style-type: none"> 1. C. Y. Young (2021). <i>Algebra and Trigonometry</i>. Wiley. 2. S.L. Loney (2016). <i>The Elements of Coordinate Geometry (Cartesian Coordinates)</i>(2nd Edition). G.K. Publication Private Limited. 3. Seymour Lipschutz and Marc Lars Lipson (2013). <i>Linear Algebra</i>. (4th Edition) Schaum’s Outline Series, McGraw-Hill. 4. C.C. Pinter (2014). <i>A Book of Set Theory</i>. Dover Publications. 5. J. V. Dyke, J. Rogers and H. Adams (2011). <i>Fundamentals of Mathematics</i> (10th Edition), Brooks/Cole. 6. A.Tussy, R. Gustafson and D. Koenig (2010). <i>Basic Mathematics for College Students</i> (4th Edition). Brooks Cole. 		

CC-2/MCC-3

Session: 2023-24

Part A – Introduction

Session: 2023-24	
Part A – Introduction	
Subject	Mathematics
Semester	II
Name of the Course	Algebra and Number Theory
Course Code	B23-MAT-201
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC
Level of the course	100-199
Pre-requisite for the course (if any)	Mathematics as a subject at level 4.0 (Class XII)
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Gain knowledge of the concepts of symmetric, skew-symmetric, Hermitian, skew-Hermitian, Orthogonal and Unitary matrices, Linear dependence and independence of rows and columns of a matrix. Have knowledge of procedure and cognitive skills used in calculating rank of a matrix, eigen values, characteristic equation, minimal polynomial of a matrix and technical skills used in solving problems based on Cayley- Hamilton theorem. 2. Have knowledge of the concepts used in solving problems based on relations between the roots and coefficients of general polynomial equation

CLO 5 is related to the practical component of the course.

in one variable, solutions of polynomial equations having conditions on roots, common roots and multiple roots. Understand Descarte's rule of signs and learn cognitive and technical skills required in assessing nature of the roots of an equation and solving problems based on these.

3. Have deeper and procedural knowledge required for solving cubic and biquadratic equations used in Mathematics as well as many other learning fields of study. To understand the basic concepts of number theory and their applications in problem solving and life- long learning.
 4. Have knowledge of concepts, facts, principles and theories of Linear Congruences, Fermat's theorem, Euler's theorem, Wilson's theorem and its converse, Chinese Remainder theorem. Attain cognitive skills used in solving linear Diophantine equations in two variables.
-
5. Attain cognitive and technical skills required to formulate and solve practical problems involving rank of a matrix, inverse of a matrix, Cardon's method, Ferrari's method, Descarte's method, Cayley-Hamilton theorem, Euler's theorem and Chinese Remainder theorem.
Have technical and practical skills required for solving algebraic equations, finding inverse and eigen values of matrices by using built in functions of MAXIMA software.

Credits	Theory	Practical	Total
	3	1	4
Contact Hours	3	2	5
Internal Assessment Marks	20	10	30
End term Examination Marks	50	20	70
Examination Time	3 Hours	3 Hours	

Max. Marks:100

Part B- Contents of the Course

Instructions for Paper- Setter

The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 5 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.

Unit	Topics	Contact Hours
I	Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices, Elementary operations on matrices, Rank of a matrix, Inverse of a matrix, Linear dependence and independence of rows and columns of matrix, Row rank and column rank of a matrix, Eigen values, Eigen vectors and characteristic equation of a matrix, Minimal polynomial of a matrix, Cayley-Hamilton theorem and its use in finding the inverse of a matrix, Unitary and orthogonal matrices.	12
II	Relations between the roots and coefficients of general polynomial equation in one variable, Solutions of polynomial equations having conditions on roots, Common roots and multiple roots, Transformation of equations, Nature of the roots of an equation, Descarte's rule of signs.	12

III	<p>Solutions of cubic equations (Cardon's method), Biquadratic equations and their solutions.</p> <p>Divisibility, Greatest common divisor (gcd), Least common multiple (lcm), Prime numbers, Fundamental theorem of arithmetic.</p>	12
IV	<p>Linear congruences, Fermat's theorem, Euler's theorem, Wilson's theorem and its converse, Chinese Remainder theorem, Linear Diophantine equations in two variables.</p>	12
<p>Practical</p>		
	<p>The practical component of the course has two parts, Problem Solving and Practical's using MAXIMA software. The examiner will set 4 questions at the time of practical examination asking two questions from the part (A) and two questions from the part (B) by taking course learning outcomes (CLOs) into consideration. The examinee will be required to solve one problem from the part (A) and to execute one problem successfully from the part (B). Equal weightage will be given to both the parts. The evaluation will be done on the basis of practical record, viva-voce, write up and execution of the program.</p> <p>A) Problem Solving: Questions related to the following problems will be worked out and record of those will be maintained in the Practical Notebook:</p> <ol style="list-style-type: none"> 1. Problems to find the row rank and column rank of a matrix. 2. Problems to find the eigen values and eigen vectors of a matrix. 3. Problems to find the minimal polynomial of a matrix. 	30

4. Problems of finding inverse of a matrix using Cayley-Hamilton theorem.
5. Problems of solving cubic equations by Cardon's method.
6. Problems of solving biquadratic equations by Descarte's method.
7. Problems of solving biquadratic equations by Ferrari's method.
8. Problems to find gcd and lcm of two integers.
9. Problems to find solution of linear congruence using Euler's theorem.
10. Problems to find common solution of congruences using Chinese remainder theorem.

B) The following practicals will be done using MAXIMA Software and their record will be maintained in the practical note Book:

1. To find roots of algebraic equations using MAXIMA.
2. To find multiple roots of algebraic equations using MAXIMA
3. To find the value of a determinant using MAXIMA.
4. To compute inverse of a square matrix using MAXIMA.
5. To find Eigen values of a square matrix using MAXIMA.
6. To find Eigen vectors of a square matrix using MAXIMA.
7. To solve system of linear equations using MAXIMA.
8. Problems to find gcd and lcm of two or more

	<p>integers using MAXIMA.</p> <p>9. Problems of solving biquadratic equations by Ferrari's method using MAXIMA.</p>	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <p>➤ Theory 20</p> <ul style="list-style-type: none"> • Class Participation: 5 • Seminar/presentation/assignment/quiz/class test etc.: 5 • Mid-Term Exam: 10 <p>➤ Practicum 10</p> <ul style="list-style-type: none"> • Class Participation: - • Seminar/Demonstration/Viva-voce/Lab records etc.: 10 • Mid-Term Exam: - 	<p>End Term Examination:</p> <p>➤ Theory 50</p> <p style="padding-left: 20px;">Written Examination</p> <p>➤ Practicum 20</p> <p>Lab record, viva-voce, write up and execution of the program</p>	
Part C- Learning Resources		
<p>Recommended Books/e-resources:</p> <ol style="list-style-type: none"> 1) Stephen H. Friedberg, Arnold J. Insel & Lawrence E. Spence (2022). <i>Linear Algebra</i> (5th edition). Prentice Hall of India Pvt. Ltd. 2) Seymour Lipschutz and Marc Lars Lipson (2013). <i>Linear Algebra</i>. (4th Edition) Schaum's Outline Series, McGraw-Hill. 3) K. B. Dutta (2004). <i>Matrix and Linear Algebra</i>. Prentice Hall of India Pvt. Ltd. 4) Vivek Sahai & Vikas Bist (2013). <i>Linear Algebra</i> (2nd edition). Narosa Publishing House. 5) I. Niven (1991). <i>An Introduction to the Theory of Numbers</i> (5th edition). John Wiley & Sons. 6) H.S. Hall and S.R. Knight (2023). <i>Higher Algebra</i> (7th edition). Arihant Publications. 7) Leonard Eugene Dickson (2009). <i>First Course in the Theory of Equations</i>. The Project Gutenberg EBook (http://www.gutenberg.org/ebooks/29785). 		

CC-M2

Session: 2023-24	
Part A – Introduction	
Subject	Mathematics
Semester	II
Name of the Course	Basic Algebra
Course Code	B23-MAT-203
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	CC-M
Level of the course	100-199
Pre-requisite for the course (if any)	Mathematics as a subject at 4.0 level (Class XII)
Course Learning Outcomes (CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Gain knowledge of facts, principles and theories to determine rank of a matrix, eigen values, eigen vectors, characteristic equation and minimal polynomial of square matrices. 2. Have procedural knowledge, cognitive and technical skills of solving problems based on Cayley-Hamilton theorem. Gain knowledge about unitary and orthogonal matrices and have skills to solve problems related to them. 3. Understand consistency of homogeneous and non-homogeneous system of linear equations and to learn cognitive and technical skills required for solving such type of problems

<p>CLO 5 is related to the practical component of the course.</p>	<p>using matrices.</p> <p>4. Have procedural knowledge to determine relation between roots and coefficients of a general polynomial and find solutions of polynomial equations having conditions on roots.</p> <hr/> <p>5. Attain cognitive and technical skills required for using relevant methods and procedures to solve algebraic equations, finding inverse and eigen values of matrices.</p> <p>Have technical and practical skills of solving algebraic equations, finding inverse and eigen values of matrices by using built in functions of MAXIMA software.</p>		
Credits	Theory	Practical	Total
	1	1	2
Contact Hours	1	2	3
Internal Assessment Marks	10	5	15
End term Examination Marks	20	15	35
Examination Time	3 Hours	3 Hours	
Max. Marks:50			
Part B - Contents of the Course			
<p style="text-align: center;"><u>Instructions for Paper- Setter</u></p> <p>Note: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.</p>			

Unit	Topics	Contact Hours
I	Rank of a matrix, Row rank and column rank of a matrix, Eigen values, Eigen vectors and the characteristic equation of a matrix, Minimal polynomial of a matrix.	4
II	Cayley-Hamilton theorem and its use in finding the inverse of a matrix, Unitary and orthogonal matrices.	4
III	Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations, Theorems on consistency of a system of linear equations.	4
IV	Relations between the roots and coefficients of general polynomial equation in one variable, Solutions of polynomial equations having conditions on roots.	4
Practical		
	<p>The practical component of the course has two parts, Problem Solving and Practical's using MAXIMA software. The examiner will set 4 questions at the time of practical examination asking two questions from the part (A) and two questions from the part (B) by taking course learning outcomes (CLOs) into consideration. The examinee will be required to solve one problem from the part (A) and to execute one problem successfully from the part (B). Equal weightage will be given to both the parts. The evaluation will be done on the basis of practical record, viva-voce, write up and execution of the program.</p> <p>A) Problem Solving- Questions related to the practical applications based on following problems will be worked out and record of those will be maintained in the Practical Note Book:</p>	30

	<ol style="list-style-type: none"> 1. Problems to find the row rank and column rank of a matrix. 2. Problems to find the eigen values and eigen vectors of a matrix. 3. Problems of finding inverse of a matrix using Cayley-Hamilton theorem. 4. Problems to find the minimal polynomial of a matrix. 5. Problems to check the consistency of a system of linear equations. <p>B) The following practicals will be worked out using MAXIMA Software and their record will be maintained in the Practical Notebook:</p> <ol style="list-style-type: none"> 1. To find roots of algebraic equations using MAXIMA. 2. To find the value of determinant using MAXIMA. 3. To compute inverse of a square matrix using MAXIMA. 4. To find Eigen values and Eigen vectors of a square matrix using MAXIMA. 5. To solve system of linear equations using MAXIMA. 	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <ul style="list-style-type: none"> ➤ Theory 10 <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.:- • Mid-Term Exam: 6 ➤ Practicum 5 <ul style="list-style-type: none"> • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: 	<p>End Term Examination:</p> <ul style="list-style-type: none"> ➤ Theory 20 Written Examination ➤ Practicum 15 Lab record, viva-voce, write up and execution of the program 	

Part C-Learning Resources

Recommended Books/e-resources:

1. Stephen H. Friedberg Arnold J. Insel Lawrence E. (2022). *Linear Algebra* (5th edition). Prentice Hall of India Pvt. Ltd.
2. Seymour Lipschutz and Marc Lars Lipson (2013). *Linear Algebra*. (4th Edition) Schaum's Outline Series, McGraw-Hill.
3. K. B. Dutta (2004). *Matrix and Linear Algebra*. Prentice Hall of India Pvt. Ltd.
4. H.S. Hall and S.R. Knight (2023). *Higher Algebra* (7th edition). Arihant Publications.
5. Leonard Eugene Dickson (2009). *First Course in the Theory of Equations*. The Project Gutenberg EBook (<http://www.gutenberg.org/ebooks/29785>).

MDC-2

Session: 2023-24	
Part A – Introduction	
Subject	Mathematics
Semester	II
Name of the Course	Mathematics for Commerce and Social Sciences
Course Code	B23-MAT-204
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VAC)	MDC
Level of the course	100-199
Pre-requisite for the course (if any)	NA
Course Learning Outcomes(CLOs):	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Understand and have the procedural knowledge of the concepts of matrices and determinants to solve simultaneous linear equations. 2. Gain the knowledge to find derivatives and integration of simple functions related to commerce and social sciences. Acquire skills to make use of derivatives and integration in realistic problems of the discipline. 3. Have the conceptual knowledge of compound interest, annuity, loan, debenture and sinking funds and attain skills to use these concepts in problem solving. 4. Gain the knowledge and understanding of the concepts of Linear programming and develop skills of formulating and solving linear programming problems based on real world problems. <hr/> <ol style="list-style-type: none"> 5. Attain the cognitive and technical skills required for accomplishing assigned tasks relating to the chosen
CLO 5 is related to practical	

components of the course.	fields of learning in the context of broad multidisciplinary contexts to solve commercial and social real world problems using Mathematics.		
	Theory	Practical	Total
Credits	2	1	3
Contact Hours	2	2	4
Internal Assessment Marks	15	5	20
End Term Examination Marks	35	20	55
Examination Time	3Hrs	3Hrs	
Max. Marks: 75			
Part B- Contents of the Course			
<u>Instructions for Paper- Setter</u>			
<p>Note: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will contain 7 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question.</p>			
Unit	Topics		Contact Hours
I	Matrices and Determinants: Definition of a matrix, Order, Equality, Types of matrices, Operations on matrices: addition, multiplication and multiplication with a scalar and their simple properties. Minors, Co-factors, Determinant, Properties of determinants and applications of determinants in finding the area of a triangle, Adjoint and inverse of a square matrix, Solutions of simultaneous linear equations.		8

II	<p>Differentiation, Derivatives of simple functions and other functions having applications in business and social studies, Maxima and minima of a function and their applications to Revenue, Cost, Demand, Production, Profit functions and other functions related to commercial and social Problems.</p> <p>Integration of simple functions and its applications in commercial and economic problems.</p>	8
III	<p>Simple interest and compound interest.</p> <p>Annuities: Types of annuities, Present value and amount of an annuity (including the case of continuous compounding), Valuation of simple loans and debentures, Problems related to sinking funds.</p>	8
IV	<p>Linear Programming: Formulation of linear programming problems (LPP) and their solution by graphical and Simplex methods. Applications of linear programming in solving social science and business problems.</p>	8
Practical		
	<p>The examiner will set 4 questions at the time of practical examination by taking course learning outcomes (CLOs) into consideration. The examinee will be required to solve 2 questions. The evaluation will be done on the basis of practical record, viva-voce and written examination.</p> <p>Problem Solving-Questions related to the practical applications based on following problems will be worked out and record of those will be maintained in the Practical Note Book:</p> <ol style="list-style-type: none"> 1. Problems to find sum of matrices. 2. Problems to find product of matrices. 	30

	<ol style="list-style-type: none"> 3. Problems to find determinant of a matrix. 4. Problems to find inverse of a matrix. 5. Problems to find solution of system of linear equations. 6. Problems to find derivatives of simple functions related to commerce and social sciences. 7. Problems to find integration of simple functions related to economic problems. 8. Problems to find maxima of profit function, production, demand function and minima of cost function. 9. Problems to find simple and compound interest. 10. Problems based on annuity. 11. Formulation of real life commercial and social science problems (LPP) related to maximizing profits, minimizing costs, minimal usage of resources etc. and their solutions. 	
Suggested Evaluation Methods		
<p>Internal Assessment:</p> <ul style="list-style-type: none"> ➤ Theory 15 <ul style="list-style-type: none"> • Class Participation: 4 • Seminar/presentation/assignment/quiz/class test etc.: 4 • Mid-Term Exam: 7 ➤ Practicum 5 <ul style="list-style-type: none"> • Class Participation: • Seminar/Demonstration/Viva-voce/Lab records etc.: 5 • Mid-Term Exam: 	<p>End Term Examination:</p> <ul style="list-style-type: none"> ➤ Theory 35 Written Examination ➤ Practicum 20 Lab record, viva-voce, written examination. 	
Part C-Learning Resources		
<p>Recommended Books:</p> <ol style="list-style-type: none"> 1. E.T. Dowling(2020). <i>Schaum outlines of Calculus for Business, Economics and the Social Sciences</i>. McGraw Hill. 2. S.C. Gupta and V.K. Kapoor (2014). <i>Fundamentals of Mathematical Statistics</i>. S. Chand & Sons, Delhi. 3. Seymour Lipschutz and Marc Lars Lipson (2013). <i>Linear Algebra</i>. (4th Edition) Schaum’s Outline Series, McGraw-Hill. 		

4. D.C. Sancheti and V.K. Kapoor (2011). *Business Mathematics*. Sultan Chand and Sons.
5. Holden(2010). *Introductory Mathematics for Business and Economics*. Ane/pal Exclusive.
6. E.T. Dowling(2009). *Schaum outlines of Mathematical methods for Business and Economics*. McGraw Hill.
7. E. Don and J. Lerner(2009). *Schaum's outline of Basic Business Mathematics* (2nd Edition). McGraw Hill.
8. L.N.Paul (2002). *Linear Programming: an introductory analysis*. Tata Mcgraw Hill. New Delhi.

Kurukshetra University Kurukshetra
Scheme of Examination for Undergraduate programmes
Subject: Political Science
According to Curriculum Framework for Undergraduate Programmes as per NEP 2020
(Multiple Entry-Exit, Internships and Choice Based Credit System)

Semester	Course Type	Course Code	Nomenclature of paper	Credits	Credits			Contact hours			Internal marks	End term Marks	Total Marks	Duration of exam (Hrs.)
					Theory	Tutorial	T+T							
1	CC-1 MCC-1	B23-POL-101	Principles of Political Science - I	4	3	1	4	30	70	100	3			
	MCC-2	B23-POL-102	Introduction to Political Theory	4	3	1	4	30	70	100	3			
	CC-M1	B23-POL-103	Fundamentals of Political Science-I	2	2	NA	2	15	35	50	3			
	-MDC 1	B23-POL-104	Indian Polity - I	3	2	1	3	25	50	75	3			
2	CC-2 MCC-3	B23-POL-201	Principles of Political Science - II	4	3	1	4	30	70	100	3			
	DSEC-1	B23-POL-202	Gender & Law In India	4	3	1	4	30	70	100	3			
	-MDC 2	B23-POL-203	Indian Polity - II	3	2	1	3	25	50	75	3			
	CC - M2	B23-POL-204	Fundamentals of Political Science-II	2	2	NA	2	15	35	50	3			
3	CC-3 MCC-4	B23-POL-301	Indian Constitution	4	3	1	4	30	70	100	3			
	MCC-5	B23-POL-302	Comparative Politics	4	3	1	4	30	70	100	3			
	-MDC 3	B23-POL-303	Indian Polity - III	3	2	1	3	25	50	75	3			
4	CC-4 MCC-6	B23-POL-401	Indian Government and Politics	4	3	1	4	30	70	100	3			
	MCC-7	B23-POL-402	Comparative Constitutions of UK and USA	4	3	1	4	30	70	100	3			

	MCC-8	B23-POL-403	State Politics in India	4	3	1	4	30	70	100	3
	DSE-1	B23-POL-404	Perspectives on Democracy	4	3	1	4	30	70	100	3
			Or								
		B23-POL-405	Perspectives on Human Rights	4	3	1	4	30	70	100	3
5	CC-5	B23-POL-501	Introduction to International Relations	4	3	1	4	30	70	100	3
	MCC-9	B23-POL-502	International Organization	4	3	1	4	30	70	100	3
	MCC-10	B23-POL-502	International Organization	4	3	1	4	30	70	100	3
	DSE-2	B23-POL-503	India's Neighbourhood Policy	4	3	1	4	30	70	100	3
			Or								
		B23-POL-504	Social Movements in India	4	3	1	4	30	70	100	3
	DSE-3	B23-POL-505	Diplomacy and Global Affairs	4	3	1	4	30	70	100	3
			Or								
		B23-POL-506	Governance: Issues and Challenges	4	3	1	4	30	70	100	3
6	CC-6	B23-POL-601	India's Foreign Policy	4	3	1	4	30	70	100	3
	MCC-11	B23-POL-601	India's Foreign Policy	4	3	1	4	30	70	100	3
	MCC-12	B23-POL-602	Major Political Ideologies	4	3	1	4	30	70	100	3
	DSE-4	B23-POL-603	United Nations Organization	4	3	1	4	30	70	100	3
			Or								
		B23-POL-604	Indian Independence Movement	4	3	1	4	30	70	100	3
	DSE-5	B23-POL-605	Politics of Globalization	4	3	1	4	30	70	100	3
			Or								
		B23-POL-606	Gender and Politics in India	4	3	1	4	30	70	100	3
7	CC-H1	B23-POL-701	Research Methodology - I	4	3	1	4	30	70	100	3

	CC-H2	B23-POL-702	Western Political Thought - I	4	3	1	4	30	70	100	3
	CC-H3	B23-POL-703	Indian Political Thought - II	4	3	1	4	30	70	100	3
	DSE-6	B23-POL-704	International Law	4	3	1	4	30	70	100	3
			Or								
		B23-POL-705	Political Sociology	4	3	1	4	30	70	100	3
	PC-H1	B23-POL-706	Liberal Political Theory -I	4	3	1	4	30	70	100	3
8	CC-H4	B23-POL-801	Research Methodology - II	4	3	1	4	30	70	100	3
	CC-H5	B23-POL-802	Western Political Thought - II	4	3	1	4	30	70	100	3
	CC-H6	B23-POL-803	Indian Political Thought - II	4	3	1	4	30	70	100	3
	DSE-7	B23-POL-804	Foreign Policy of Major Powers	4	3	1	4	30	70	100	3
			Or								
		B23-POL-805	Democracy in India	4	3	1	4	30	70	100	3
	PC-H2	B23-POL-806	Liberal Political Theory - II	4	3	1	4	30	70	100	3
OR SEMESTER-8 (FOR HONOURS WITH RESEARCH IN POLITICAL SCIENCE)											
8	CC-H4	B23-POL-801	Research Methodology-II	4	3	1	4	30	70	100	3
	CC-H5	B23-POL-802	Western Political Thought -II	4	3	1	4	30	70	100	3
	Research	B23-POL-807	Dissertation	12						300	

KURUKSHETRA UNIVERSITY KURUKSHETRA
Established by the State Legislature Act XIII of 1956
(‘A⁺’ Grade NAAC Accredited)

Undergraduate Programme (Political Science) Syllabus, Semester-I

CC-1 / MCC-1			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	I		
Name of the Course	Principles of Political Science - I		
Course Code	B23-POL-101		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Understand the meaning, nature and scope of Political Science along with its relationship with other Social Sciences. 2. Understand the concept, development and theories of the origin of State. 3. Develop a thorough understanding of state and its relationship with society, government and nation. 4. Comprehend the concepts, features and theories of sovereignty. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hours		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. 			

The candidate would be required to attempt ONE question from each unit in addition to the compulsory question.		
4. Each question will carry 14 marks.		
Unit	Topics	Contact Hours
I	Meaning, Nature, Scope and Significance of Political Science; Relationship of Political Science with Philosophy, History, Economics and Sociology	12
II	State: Meaning, Definition and Elements; Origin and Development of the State: Divine Origin Theory, Force Theory, Social Contract Theory and Evolutionary Theory	12
III	Functions of the State, State and Society, State and Government, State and Nation	12
IV	Sovereignty: Meaning, Types and Main Characteristics; Monistic and Pluralist Theories of Sovereignty	12
Tutorial		12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination:
Class Participation 05		70 Marks
Seminar/Presentation/Assignment/Quiz/Class Test etc. 10		
Mid Term Exam: 15		

Part-C Learning Resources
<p>Recommended Books:</p> <ul style="list-style-type: none"> • A.C. Kapur. (2017). Principles of Political Science. S. Chand Publishing. • Ball, T., Dagger, R., & O'Neill, B. (2020). Political Ideologies and The Democratic Ideal. Pearson. • Beetham, D. (2013). The Legitimation of Power. Palgrave Macmillan. • Beetham, D., & Boyle, K. (2019). Introducing Democracy: 80 Questions and Answers. Polity Press. • Bidyut Chakrabarty. (2019). Indian Politics. Pearson. • Bodin, J. (1992). On Sovereignty: Four Chapters from the Six Books of the Commonwealth (J. H. Franklin, Trans.). Cambridge University Press. • Copley, A. (2018). Essentials of Political Science. Oxford University Press. • Dahl, R. A. (1957). The Concept of Power. Behavioral Science, 2(3), 201-215. • Easton, D. (2013). The Political System: An Inquiry into The State of Political Science. University Of Chicago Press. • Garner, R., Ferdinand, P., Lawson, S., & Wilkinson, A. (2016). Introduction to Politics. Oxford University Press. • Heywood, A. (2013). Political Ideologies: An Introduction. Palgrave Macmillan. • Heywood, A. (2013). Politics. Palgrave Macmillan.

- Heywood, A. (2017). *Political Theory: An Introduction* (5th Ed.). Palgrave Macmillan.
- Heywood, A. (2019). *Politics* (5th Ed.). Palgrave Macmillan.
- Hoffman, J. (2005). *Sovereignty*. In W. Carlsnaes, T. Risse, & B. A. Simmons (Eds.), *Handbook of International Relations* (Pp. 70-88). SAGE Publications.
- Kelsen, H. (2000). *The Essence and Value Of Democracy*. Rowman & Littlefield.
- M.P. Jain. (2021). *Political Theory: An Introduction*. Lexis Nexis.
- M.V. Pylee. (2018). *Political Theory: Ideas and Concepts*. SAGE Publications India.
- Mill, J. S. (2002). *On Liberty*. Dover Publications.
- Rajeev Bhargava. (2019). *Political Theory: An Introduction*. Pearson.
- Rawls, J. (1971). *A Theory of Justice*. Harvard University Press.
- Raz, J. (1986). *The Morality of Freedom*. Oxford University Press.
- Roskin, M. G., Cord, R. L., Medeiros, J. A., & Jones, W. S. (2017). *Political Science: An Introduction*. Pearson.
- Skocpol, T. (1979). *States and Social Revolutions: A Comparative Analysis Of France, Russia, and China*. Cambridge University Press.
- Weber, M. (1969). *Politics as a Vocation*. In H. H. Gerth & C. Wright Mills (Eds.), *From Max Weber: Essays In Sociology*. Oxford University Press.
- Weber, M. (1978). *Economy and Society: An Outline of Interpretive Sociology*. University of California Press.

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Undergraduate Programme (Political Science) Syllabus, Semester-I

MCC-2			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	I		
Name of the Course	Introduction to Political Theory		
Course Code	B23-POL-102		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC)	MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the meaning, nature and significance of Political Theory along with the causes of its decline and resurgence. 2. Comprehend the concepts of liberty, equality and justice. 3. Comprehend the concepts of democracy, rights and citizenship. 4. Develop an understanding of power, political obligation and common good. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The 			

candidate would be required to attempt ONE question from each unit in addition to the compulsory question.

4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Political Theory: Meaning; Nature; Significance; Decline and Resurgence	12
II	Liberty, Equality and Justice	12
III	Democracy, Rights and Citizenship	12
IV	Power, Political Obligation and Common Good	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		End Term Examination: 70 Marks

Part-C Learning Resources

Recommended Books:

- Arblaster, Democracy , 2nd edn., Open University Press, Buckingham, 1994.
- Vincent, The Nature of Political Theory, Oxford University Press, New York, 2004.
- Cobban, 'The Decline of Political Theory,' Political Science Quarterly, 1953, LXVIII, pp. 321-337.
- Heywood, Political Theory: An Introduction, Palgrave Macmillan, London, 2013.
- Heywood, Political Ideologies: An Introduction, Palgrave Macmillan, London, 2012.
- Richard, Citizenship: A Very Short Introduction, Oxford University press, Oxford, 2008.
- Bhuyan, Understanding Political Theory, Kitab Mahal, Cuttack, 2016.
- Held, Political Theory Today, Polity Press, Cambridge, 1991.
- J. Chapman, 'The Feminist Perspective', in Marsh, D. and Stoker, G. (eds.) Theory and Methods in Political Science, Macmillan, London, 1995, pp. 94-114.
- J. C. Johari, Contemporary Political Theory: New Dimensions, Basic Concepts and Major Trends, Sterling, New Delhi, 2007.
- J. C. Johari, Rajnitik Siddhanth, SBPD, Agra, 2015. 1
- J. K. Baral et al., Political Theory: Concepts, issues and ideologies, Vidyapuri, Cuttack, 2015.
- N. Dadhich, Samsamayik Rajnitik Siddhanth, Rawat, Jaipur, 2015.
- O. P. Gauba, An Introduction To Political Theory, 8th edn, Mayur, New Delhi, 2019.
- O. P. Gauba, Rajniti Siddhanth ki Ruprekha: Mayur, New Delhi, 2018.

- R. Bhargava and A. Acharya (eds.), *Political Theory: An Introduction*, Pearson Longman, New Delhi, 2008.
- R. Bellamy, 'Introduction: The Demise and Rise of Political Theory', in Bellamy, R. (ed.) *Theories and Concepts of Politics*, Manchester University Press, New York, 1993, pp. 1-14.
- S. Ramaswamy, *Political Theory – Ideas and Concepts* 2nd edn. , PHI Learning, New Delhi, 2015

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Undergraduate Programme (Political Science) Syllabus, Semester-I

CC-M I			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	I		
Name of the Course	Fundamentals of Political Science-I		
Course Code	B23-POL-103		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-M		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the meaning, nature and scope of Political Science. 2. Understand the elements, function and origin of the State. 3. Comprehend the concepts of power, authority and legitimacy. 4. Develop an understanding of the concepts rights, liberty and equality. 		
Credits	Theory	Tutorial	Total
	2	NA	2
Contact Hours	2 per week	NA	2 per week
Max. Marks:	50	Time: 3 Hours	
Internal Assessment Marks:	15		
End Term Exam Marks:	35		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 1 mark each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the 			

compulsory question.		
4. Each question will carry 07 marks.		
Unit	Topics	Contact Hours
I	Meaning, Nature, Scope and Significance of Political Science	08
II	State: Elements and Functions; Origin and Development of State	08
III	Key Concepts: Power, Authority, Legitimacy	08
IV	Key Concepts: Rights, Liberty, Equality	08
Suggested Evaluation Methods		
Internal Assessment: 15 Marks		End Term Examination:
Class Participation: 04		35
Seminar/Presentation/Assignment/Quiz/Class Test etc: 04		
Mid Term Exam: 07		

Part-C Learning Resources

Recommended Books:

- Ball, T., Dagger, R., & O'Neill, B. (2020). Political Ideologies and the Democratic Ideal. Pearson.
- Beetham, D. (2013). The Legitimation of Power. Palgrave Macmillan.
- Beetham, D., & Boyle, K. (2019). Introducing Democracy: 80 Questions and Answers. Polity Press.
- Copley, A. (2018). Essentials of Political Science. Oxford University Press.
- Dahl, R. A. (1957). The Concept of Power. Behavioral Science, 2(3), 201-215.
- Garner, R., Ferdinand, P., Lawson, S., & Wilkinson, A. (2016). Introduction to Politics. Oxford University Press.
- Heywood, A. (2013). Political Ideologies: An Introduction. Palgrave Macmillan.
- Heywood, A. (2013). Politics. Palgrave Macmillan.
- Heywood, A. (2017). Political Theory: An Introduction. Palgrave Macmillan.
- Kapur, A.C., (2017). Principles of Political Science. S. Chand Publishing.
- Kelsen, H. (2000). The Essence and Value of Democracy. Rowman & Littlefield.
- M.P. Jain. (2021). Political Theory: An Introduction. Lexis Nexis.
- M.V. Pylee. (2018). Political Theory: Ideas and Concepts. SAGE Publications India.
- Mill, J. S. (2002). On Liberty. Dover Publications.
- Rajeev Bhargava. (2019). Political Theory: An Introduction. Pearson.
- Rawls, J. (1971). A Theory of Justice. Belknap Press.
- Roskin, M. G., Cord, R. L., Medeiros, J. A., & Jones, W. S. (2016). Political Science: An Introduction. Pearson.

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Undergraduate Programme (Political Science) Syllabus, Semester-I

MDC-1			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	I		
Name of the Course	Indian Polity - I		
Course Code	B23-POL-104		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Comprehend the salient features of the Indian Constitution and develop an understanding of Fundamental Rights and duties. 2. Develop an understanding of the powers, position and functions of the Union Executive 3. Comprehend the functioning of the Union legislature. 4. Comprehend the functioning of the Indian judicial system. 		
Credits	Theory	Tutorial	Total
	2	1	3
Contact Hours	2 per week	1 per week	3 per week
Max. Marks:	75	Time: 3 Hours	
Internal Assessment Marks:	25		
End Term Exam Marks:	50		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 5 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory 			

question.		
4. Each question will carry 10 marks.		
Unit	Topics	Contact Hours
I	Indian Constitution: Salient Features, Fundamental Rights and Fundamental Duties	09
II	Union Executive: President, Prime Minister and Council of Ministers	09
III	Union Legislature: Lok Sabha and Rajya Sabha	09
IV	Judiciary: Supreme Court, Judicial Review and Judicial Activism	09
Tutorial		09
Suggested Evaluation Methods		
Internal Assessment: 25 Marks Class Participation: 05 Seminar/Presentation/Assignment/Quiz/Class Test etc: 07 Mid Term Exam: 13		End Term Examination: 50

Part-C Learning Resources	
Recommended Books:	
<ul style="list-style-type: none"> • Austin, G. (1966). The Indian Constitution: Corner Stone of a Nation. Oxford, Oxford University Press. • Austin, G. (2000). Working a Democratic Constitution: The Indian Experience. Delhi, Oxford University Press. • Basu, D. D. (1994). An Introduction to the Constitution of India. New Delhi, Prentice Hall. • Bhushan, R., & Katju, M. (2012). Supreme but not Infallible: Essays In Honour of The Supreme Court of India. Hay House India. • Pylee, M. V. (1998). An Introduction to the Constitution of India. New Delhi. 	

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Undergraduate Programme (Political Science) Syllabus, Semester-II

CC-2 / MCC-3			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	II		
Name of the Course	Principles of Political Science-II		
Course Code	B23-POL-201		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Develop a thorough understanding of the theory and practice of government, separation of powers and rule of law. 2. Understand the various forms of government in a political system. 3. Understand the nature and operation of political parties, pressure groups, representation and bureaucracy. 4. Comprehend the functioning of monarchy, totalitarianism, military rule and democratic political regimes 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The 			

candidate would be required to attempt ONE question from each unit in addition to the compulsory question.

4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Theory and Practice of Government: Legislature, Executive and Judiciary; Separation of Powers and Rule of Law	12
II	Forms of Government: Unitary and Federal; Parliamentary and Presidential	12
III	Operational Dynamics of Political System: Political Parties, Pressure Groups, Representation and Bureaucracy	12
IV	Political Regimes: Monarchy, Totalitarianism, Military Rule and Democracy	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		End Term Examination: 70 Marks

Part-C Learning Resources

Recommended Books:

- Kapur, A.C. (2017). Principles of Political Science. S. Chand Publishing.
- Ball, T., Dagger, R., & O'Neill, B. (2020). Political Ideologies and The Democratic Ideal. Pearson.
- Beetham, D. (2013). The Legitimation of Power. Palgrave Macmillan.
- Beetham, D., & Boyle, K. (2019). Introducing Democracy: 80 Questions and Answers. Polity Press.
- Bidyut Chakrabarty. (2019). Indian Politics. Pearson.
- Bodin, J. (1992). On Sovereignty: Four Chapters from the Six Books of the Commonwealth (J. H. Franklin, Trans.). Cambridge University Press.
- Copley, A. (2018). Essentials of Political Science. Oxford University Press.
- Dahl, R. A. (1957). The Concept of Power. Behavioral Science, 2(3), 201-215.
- Easton, D. (2013). The Political System: An Inquiry into The State of Political Science. University Of Chicago Press.
- Garner, R., Ferdinand, P., Lawson, S., & Wilkinson, A. (2016). Introduction to Politics. Oxford University Press.
- Heywood, A. (2013). Political Ideologies: An Introduction. Palgrave Macmillan.
- Heywood, A. (2013). Politics. Palgrave Macmillan.
- Heywood, A. (2017). Political Theory: An Introduction (5th Ed.). Palgrave Macmillan.
- Heywood, A. (2019). Politics (5th Ed.). Palgrave Macmillan.
- Hoffman, J. (2005). Sovereignty. In W. Carlsnaes, T. Risse, & B. A. Simmons (Eds.), Handbook of International Relations (Pp. 70-88). SAGE Publications.

- Kelsen, H. (2000). *The Essence and Value Of Democracy*. Rowman & Littlefield.
- M.P. Jain. (2021). *Political Theory: An Introduction*. Lexis Nexis.
- M.V. Pylee. (2018). *Political Theory: Ideas and Concepts*. SAGE Publications India.
- Mill, J. S. (2002). *On Liberty*. Dover Publications.
- Rajeev Bhargava. (2019). *Political Theory: An Introduction*. Pearson.
- Raz, J. (1986). *The Morality of Freedom*. Oxford University Press.
- Roskin, M. G., Cord, R. L., Medeiros, J. A., & Jones, W. S. (2017). *Political Science: An Introduction*. Pearson.
- Weber, M. (1978). *Economy and Society: An Outline of Interpretive Sociology*. University of California Press.

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Undergraduate Programme (Political Science) Syllabus, Semester-II

DSEC-1			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	II		
Name of the Course	Gender and Law in India: Theory and Practice		
Course Code	B23-POL-202		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	DSEC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the concept, origin and development and types of Feminism 2. Understand the concept of Patriarchy, gender as a social construct and public/private dichotomy. 3. Understand the history of women’s movement and constitutional provisions related to gender in India. 4. Gain an in depth knowledge of legal provisions related to gender. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hours		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question. 4. Each question will carry 14 marks. 			

Unit	Topics	Contact Hours
I	Feminism: Concept, Origin and Development; Types: Liberal, Socialist and Radical Feminism	12
II	Patriarchy; Gender as a Social construct; Public and Private dichotomy.	12
III	History of Women's Movement in India; Constitutional Provisions related to Gender in India;	12
IV	Domestic Violence Act 2005; Criminal Law Amendment Act 2014; LGBTQIA issues.	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		End Term Examination: 70 Marks

Part-C Learning Resources

Recommended Books:

- J. Ann Tickner, "Gender in World Politics" in John Baylis et al., (eds), The Globalization Of World Politics : An Introduction to International Relations, Oxford University Press, New York, 2014.
- Manisha Pathak Shelat, Communication For Gender Sensitization, Concept, New Delhi, 2004.
- M.P Jain et al., Indian Constitution Law, LexisNexis, New Delhi, 2018.
- Indira Jaising (eds.), Handbook on Law of Domestic Violence, LexisNexis, New Delhi, 2009.
- Shobha Saxena, Crime Against Women and Protective Laws, Deep & Deep, New Delhi, 2000.
- K.L Vibhute, Criminal Law, LexisNexis, New Delhi, 2019.
- Lisa M. Stulberg, LGBTQ Social Movements, Polity Press, Cambridge, 2018.
- Mayank Khari and Aditya Gupta, A Collection of Articles on Contemporary Legal Issues, Educreation, New Delhi, 2018.
- Virginie Dutoya, "Defining the 'Queers' in India: The Politics of Academic Representation", India Review, 15 (2), 2016

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Undergraduate Programme (Political Science) Syllabus, Semester-II

MDC-2			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	II		
Name of the Course	Indian Polity-II		
Course Code	B23-POL-203		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the powers, position and functions of the State Executive. 2. Develop an understanding of the powers, position and function of the State legislature 3. Comprehend the functioning of the Indian Judicial system. 4. Comprehend the functioning of local self-government. 		
Credits	Theory	Tutorial	Total
	2	1	3
Contact Hours	2 per week	1 per week	3 per week
Max. Marks:	75	Time: 3 Hours	
Internal Assessment Marks:	25		
End Term Exam Marks:	50		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 5 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question. 			

4. Each question will carry 10 marks.		
Unit	Topics	Contact Hours
I	State Executive: Governor, Chief Minister and Council of Ministers	09
II	State Legislature: Legislative assembly and Legislative Council	09
III	Judiciary: High Courts and Subordinate Courts	09
IV	Rural and Urban Local Self-government	09
	Tutorial	09
Suggested Evaluation Methods		
Internal Assessment: 25 Marks Class Participation: 05 Seminar/Presentation/Assignment/Quiz/Class Test etc: 07 Mid Term Exam: 13		End Term Examination: 50 Marks

Part-C Learning Resources
Recommended Books: <ul style="list-style-type: none"> • Austin, G. (1966). The Indian Constitution: Corner Stone of a Nation. Oxford, Oxford University Press. • Austin, G. (2000). Working a Democratic Constitution: The Indian Experience. Delhi, Oxford University Press. • Basu, D. D. (1994). An Introduction to the Constitution of India. New Delhi, Prentice Hall. • Bhushan, R., & Katju, M. (2012). Supreme but not Infallible: Essays In Honour of The Supreme Court of India. Hay House India. • Pylee, M. V. (1998). An Introduction to the Constitution of India. New Delhi.

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Undergraduate Programme (Political Science) Syllabus, Semester-II

CC-M 2			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	II		
Name of the Course	Fundamentals of Political Science-II		
Course Code	B23-POL-204		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC-M		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Comprehend the functioning of the executive, legislature and judiciary. 2. Understand the nature and functioning of unitary, federal, parliamentary and presidential form of government. 3. Develop an understanding of the role of political parties, pressure groups and bureaucracy in a political system. 4. Comprehend the functioning of monarchy, totalitarianism and democratic political regimes. 		
Credits	Theory	Tutorial	Total
	2	NA	2
Contact Hours	2 per week	NA	2 per week
Max. Marks: 50	Time: 3 Hours		
Internal Assessment Marks: 15			
End Term Exam Marks: 35			
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 1 mark each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The 			

candidate would be required to attempt ONE question from each unit in addition to the compulsory question.

4. Each question will carry 07 marks.

Unit	Topics	Contact Hours
I	Institutions: Executive, Legislature, Judiciary	08
II	Types of Government: Unitary and Federal, Parliamentary and Presidential	08
III	Operational Dynamics: Political Parties, Pressure Groups, Bureaucracy	08
IV	Regimes: Democracy, Monarchy, Totalitarianism	08
Suggested Evaluation Methods		
Internal Assessment: 15 Marks Class Participation: 04 Seminar/Presentation/Assignment/Quiz/Class Test etc: 04 Mid Term Exam: 07		End Term Examination: 35 Marks

Part-C Learning Resources

Recommended Books:

- Ball, T., Dagger, R., & O'Neill, B. (2020). Political Ideologies and the Democratic Ideal. Pearson.
- Beetham, D. (2013). The Legitimation of Power. Palgrave Macmillan.
- Beetham, D., & Boyle, K. (2019). Introducing Democracy: 80 Questions and Answers. Polity Press.
- Copley, A. (2018). Essentials of Political Science. Oxford University Press.
- Dahl, R. A. (1957). The Concept of Power. Behavioral Science, 2(3), 201-215.
- Garner, R., Ferdinand, P., Lawson, S., & Wilkinson, A. (2016). Introduction to Politics. Oxford University Press.
- Heywood, A. (2013). Political Ideologies: An Introduction. Palgrave Macmillan.
- Heywood, A. (2013). Politics. Palgrave Macmillan.
- Heywood, A. (2017). Political Theory: An Introduction. Palgrave Macmillan.
- Kapur, A.C., (2017). Principles of Political Science. S. Chand Publishing.
- Kelsen, H. (2000). The Essence and Value of Democracy. Rowman & Littlefield.
- M.P. Jain. (2021). Political Theory: An Introduction. Lexis Nexis.
- M.V. Pylee. (2018). Political Theory: Ideas and Concepts. SAGE Publications India.
- Mill, J. S. (2002). On Liberty. Dover Publications.
- Rajeev Bhargava. (2019). Political Theory: An Introduction. Pearson.
- Rawls, J. (1971). A Theory of Justice. Belknap Press.
- Roskin, M. G., Cord, R. L., Medeiros, J. A., & Jones, W. S. (2016). Political Science: An Introduction. Pearson.

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Undergraduate Programme (Political Science) Syllabus, Semester-III

CC-3 / MCC-4			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	III		
Name of the Course	Indian Constitution		
Course Code	B23-POL-301		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC/MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the preamble and features of the Indian Constitution and develop an understanding of Fundamental Rights and Directive Principles of State Policy. 2. Develop an understanding of the powers, position and functions of the Union and the State Executive. 3. Comprehend the functioning of the Union and State legislatures and local self-government. 4. Comprehend the functioning of the Indian judicial system 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 			

3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question.
4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Indian Constitution: Preamble, Salient Features, Fundamental Rights, Directive Principles of State Policy	12
II	Union Executive: President, Vice-President, Prime Minister and Council of Ministers State Executive: Governor, Chief Minister and Council of Ministers	12
III	Union Legislature: Parliament - Composition, Functions and the Legislative Process State Legislature: Legislative Assembly and Legislative Council Panchayati Raj Institutions: History, Basic Features and 73rd Amendment	12
IV	Judiciary: Supreme Court and High Courts: Powers, Functions and Jurisdiction; Judicial Review and Judicial Activism	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		End Term Examination: 70 Marks

Part-C Learning Resources

Recommended Books:

- Austin, G. (1966). The Indian Constitution: Corner Stone of a Nation. Oxford, Oxford University Press.
- Austin, G. (2000). Working a Democratic Constitution: The Indian Experience. Delhi, Oxford University Press.
- Basu, D. D. (1994). An Introduction to the Constitution of India. New Delhi, Prentice Hall.
- Basu, D. D., & Parekh, B. (Eds.). (1994). Crisis and Change in Contemporary India. New Delhi, Sage.
- Bhambhri, C. P. (1997). The Indian State: Fifty Years. New Delhi, Shipra.
- Bhushan, R., & Katju, M. (2012). Supreme but not Infallible: Essays In Honour of The Supreme Court of India. Hay House India.
- Brass, P. (1974). Language, Religion and Politics in North India. London, Cambridge University Press.
- Brass, P. (1990). Politics of India Since Independence. Hyderabad, Orient Longman.
- Chanda, A. (1965). Federalism in India: A Study of Union-State Relations. London, George

Allen & Unwin.

- Chaturvedi, S. (2019). *State Legislatures in India: Structure, Functioning, Conduct of Business, Powers And Privileges*. Universal Law Publishing.
- Cobridge, S., & Harriss, J. (2001). *Reinventing India: Liberalization, Hindu Nationalism and Popular Democracy*. Delhi, Oxford University Press.
- Fadia, B. L. (1984). *State Politics in India (Vol. 1-2)*. New Delhi, Radiant Publishers.
- Hardgrave, R. L. (1965). *India: Government and Politics in a Developing Nation*. New York, Harcourt, Brace and World.
- Jayal, N. G. (Ed.). (2001). *Democracy in India*. Delhi, Oxford University Press.
- Kashyap, S. C. (2012). *Our Parliament: An Introduction to the Parliament of India*. National Book Trust, India.
- Kaushik, S. (Ed.). (1990). *Indian Government and Politics*. Delhi University, Directorate Of Hindi Implementation.
- Kohli, A. (1991). *Democracy and Discontent: India's Growing Crisis of Governability*. Cambridge, Cambridge University Press.
- Kothari, R. (1967). *Party System and Election Studies*. Bombay, Asia Publishing House.
- Kothari, R. (1970). *Politics in India*. New Delhi, Orient Longman.
- Morris Jones, W. H. (1974). *Government and Politics in India*. Delhi, BI Publications.
- Pylee, M. V. (1998). *An Introduction to the Constitution of India*. New Delhi.
- Ray, A. (1970). *Tension Areas in India's Federal System*. Calcutta, The World Press.
- Sahni, N. C. (Ed.). (1971). *Coalition Politics in India*. Jullunder, New Academic Publishing Company.
- Singh, M. P., & Roy, H. (Eds.). (1995). *Indian Political System: Structure, Policies, Development*. New Delhi, Jnanada Prakash.
- Siwach, J. R. (1985). *Dynamics of Indian Government & Politics*. New Delhi, Sterling Publishers.
- Thakur, R. (1995). *The Government & Politics of India*. London, Macmillan.

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Undergraduate Programme (Political Science) Syllabus, Semester-III

MCC-5			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	III		
Name of the Course	Comparative Politics		
Course Code	B23-POL-302		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC)	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Understand the definition and scope of comparative politics along with its traditional and modern concerns. 2. Develop a thorough understanding of the following approaches to study Comparative Politics: Systems, Structural-functionalism, Political Development and Political Culture. 3. Comprehend the concept of constitutionalism and its problems in the modern times. 4. Comprehend the formal and informal constitutional structures. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			

Instructions for Paper Setters

1. Total NINE Questions will be set and students will be required to attempt FIVE questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus.
3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question.
4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Comparative Politics: Definition, Scope; Traditional & Modern Concerns, Comparative Method	12
II	Approaches to the Study of Comparative Politics: Systems approach, Structural Functionalism, Political Development and Political Culture	12
III	Constitutionalism: History, Nature, Type and Problem in Modern Times.	12
IV	Constitutional Structure: (a) Formal-Executive, Legislation and Judiciary, (b) Informal Structures-Political Parties and Pressure Groups.	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		End Term Examination: 70 Marks

Part-C Learning Resources**Recommended Books:**

- G.A. Almond and J.S. Coleman, The Politics of the Developing Areas, Princeton NJ Princeton University Press, 1960..
- G.A. Almond, and S. Verba. The Civil Culture: Political Attitudes and Democracy in Five Nations, Princeton NJ, Princeton University Press, 1963.
- G.A. Almond, Comparative Politics Today: A World View, 7th edn., New York, London, Harper/Collins, 2000.
- D.E. Apter, The Politics of Modernization, Chicago, University of Chicago Press, 1965
- A. Bebler and J Seroka (eds.), Contemporary Political Systems: Classifications and Typologies, Boulder Colorado, Lynne Rienner Publishers, 1990.
- R. Hauge and M. Harrop, Comparative Government and Politics. An Introduction, 5th edn., New York, Palgrave, 2001.
- J.C. Johari, Comparative Political Theory: New Dimensions, Basic Concepts and Major Trends, New Delhi, Sterling, 1987.
- R.C. Macridis, The Study of Comparative Government, New York, Doubleday, 1955.
- R.C. Macridis and R.E. Ward, Modern Political Systems: Europe, and Asia, 2nd edn. Englewood Cliffs NJ, Prentice Hall, 1968.

- J. Manor (ed.), *Rethinking Third World Politics*, London, Longman, 1991.
- R.C. Macridis, *Modern European Governments: Cases in Comparative Policy-Making*, Englewood Cliffs NJ, Prentice Hall, 1968.
- L.W. Pye (ed.), *Communication and Political Development*, Princeton NJ, Princeton University Press, 1963.

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Undergraduate Programme (Political Science) Syllabus, Semester-III

MDC-3			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	III		
Name of the Course	Indian Polity - III		
Course Code	B23-POL-303		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the nature and basics of Federalism in India. 2. Comprehend the concept of representation and working of electoral system in India. 3. Understand the nature and role of political parties, coalition politics and pressure groups in India. 4. Develop an understanding of the social factors that influence Indian politics. 		
Credits	Theory	Tutorial	Total
	2	1	3
Contact Hours	2 per week	1 per week	3 per week
Max. Marks:	75	Time: 3 Hours	
Internal Assessment Marks:	25		
End Term Exam Marks:	50		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 5 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question. 			

4. Each question will carry 10 marks.		
Unit	Topics	Contact Hours
I	Indian Federalism: Nature and Basic Features; Centre - State Relations	09
II	Representation, Election Commission, Electoral Reforms.	09
III	Party System, Coalition Politics, Pressure Groups in Indian Politics	09
IV	Caste, Religion and Regionalism in Indian Politics	09
Tutorial		09
Suggested Evaluation Methods		
Internal Assessment: 25 Marks		End Term Examination:
Class Participation: 05		50 Marks
Seminar/Presentation/Assignment/Quiz/Class Test etc: 07		
Mid Term Exam: 13		

Part-C Learning Resources

Recommended Books:

- Austin, G. (1966). *The Indian Constitution: Corner Stone of a Nation*. Oxford, Oxford University Press.
- Austin, G. (2000). *Working a Democratic Constitution: The Indian Experience*. Delhi, Oxford University Press.
- Basu, D. D. (1994). *An Introduction to the Constitution of India*. New Delhi, Prentice Hall.
- Basu, D. D., & Parekh, B. (Eds.). (1994). *Crisis and Change in Contemporary India*. New Delhi, Sage.
- Bhambhri, C. P. (1997). *The Indian State: Fifty Years*. New Delhi, Shipra.
- Bhushan, R., & Katju, M. (2012). *Supreme but not Infallible: Essays In Honour of The Supreme Court of India*. Hay House India.
- Brass, P. (1974). *Language, Religion and Politics in North India*. London, Cambridge University Press.
- Brass, P. (1990). *Politics of India Since Independence*. Hyderabad, Orient Longman.
- Chanda, A. (1965). *Federalism in India: A Study of Union-State Relations*. London, George Allen & Unwin.
- Chaturvedi, S. (2019). *State Legislatures in India: Structure, Functioning, Conduct of Business, Powers And Privileges*. Universal Law Publishing.
- Cobridge, S., & Harriss, J. (2001). *Reinventing India: Liberalization, Hindu Nationalism and Popular Democracy*. Delhi, Oxford University Press.
- Fadia, B. L. (1984). *State Politics in India (Vol. 1-2)*. New Delhi, Radiant Publishers.
- Hardgrave, R. L. (1965). *India: Government and Politics in a Developing Nation*. New York, Harcourt, Brace and World.
- Jayal, N. G. (Ed.). (2001). *Democracy in India*. Delhi, Oxford University Press.
- Kashyap, S. C. (2012). *Our Parliament: An Introduction to the Parliament of India*. National Book Trust, India.
- Kaushik, S. (Ed.). (1990). *Indian Government and Politics*. Delhi University, Directorate Of

Hindi Implementation.

- Kohli, A. (1991). *Democracy and Discontent: India's Growing Crisis of Governability*. Cambridge, Cambridge University Press.
- Kothari, R. (1967). *Party System and Election Studies*. Bombay, Asia Publishing House.
- Kothari, R. (1970). *Politics in India*. New Delhi, Orient Longman.
- Morris Jones, W. H. (1974). *Government and Politics in India*. Delhi, BI Publications.
- Pylee, M. V. (1998). *An Introduction to the Constitution of India*. New Delhi.
- Ray, A. (1970). *Tension Areas in India's Federal System*. Calcutta, The World Press.
- Sahni, N. C. (Ed.). (1971). *Coalition Politics in India*. Jullunder, New Academic Publishing Company.
- Singh, M. P., & Roy, H. (Eds.). (1995). *Indian Political System: Structure, Policies, Development*. New Delhi, Jnanada Prakash.
- Siwach, J. R. (1985). *Dynamics of Indian Government & Politics*. New Delhi, Sterling Publishers.
- Thakur, R. (1995). *The Government & Politics of India*. London, Macmillan.

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Undergraduate Programme (Political Science) Syllabus, Semester-IV

CC-4 / MCC-6			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	IV		
Name of the Course	Indian Government and Politics		
Course Code	B23-POL-401		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC/MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the theory and practice of Federalism in India. 2. Comprehend the process and dynamics of elections in India. 3. Understand the nature and role of party system, interest and pressure groups in India. 4. Develop an understanding of the socio-political factors that influence Indian politics along with its emerging trends. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The 			

candidate would be required to attempt ONE question from each unit in addition to the compulsory question.

4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Working of Indian Federalism: Centre-State Relations; Centre-State Tensions; Demands for State Autonomy, Emerging Trends in Indian Federalism	12
II	Election Commission, Electoral Process, Electoral Reforms, Model Code of Conduct, Politics of defection	12
III	Party System in India: Features of Party System; National and Regional Political Parties; Interest and Pressure Groups	12
IV	Socio-political Factors in Indian Politics: Caste, Religion, Language and Regionalism in Indian Politics; Emerging Trends in Indian Politics.	12
	Tutorial	12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination:
Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		70 Marks

Part-C Learning Resources

Recommended Books:

- Austin, G. (1966). *The Indian Constitution: Corner Stone of a Nation*. Oxford, Oxford University Press.
- Austin, G. (2000). *Working a Democratic Constitution: The Indian Experience*. Delhi, Oxford University Press.
- Austin, G. (2003). *Indian Federalism in The New Millennium*. Oxford University Press.
- Basu, D. D. (1994). *An Introduction to the Constitution of India*. New Delhi, Prentice Hall.
- Basu, D. D., & Parekh, B. (Eds.). (1994). *Crisis and Change in Contemporary India*. New Delhi, Sage.
- Bhambhri, C. P. (1997). *The Indian State: Fifty Years*. New Delhi, Shipra.
- Bhushan, R., & Katju, M. (2012). *Supreme but Not Infallible: Essays in Honour of The Supreme Court of India*. Hay House India.
- Brass, P. (1974). *Language, Religion and Politics in North India*. London, Cambridge University Press.
- Brass, P. (1990). *Politics of India Since Independence*. Hyderabad, Orient Longman.
- Brass, P. R. (2006). *The Production of Hindu-Muslim Violence in Contemporary India*. University Of Washington Press.
- Chanda, A. (1965). *Federalism in India: A Study of Union-State Relations*. London, George Allen & Unwin.
- Chaturvedi, S. (2019). *State Legislatures in India: Structure, Functioning, Conduct of Business, Powers And Privileges*. Universal Law Publishing.

- Chawla, N. (2004). *The Great Indian Election: Manifesto Politics, Electoral Behaviour and Democracy*. Penguin Books India.
- Cobridge, S., & Harriss, J. (2001). *Reinventing India: Liberalization, Hindu Nationalism and Popular Democracy*. Delhi, Oxford University Press.
- Fadia, B. L. (1984). *State Politics In India (Vol. 1-2)*. New Delhi, Radiant Publishers.
- Hardgrave, R. L. (1965). *India: Government and Politics in A Developing Nation*. New York, Harcourt, Brace And World.
- Jaffrelot, C. (2004). *India's Silent Revolution: The Rise of the Lower Castes In North India*. Columbia University Press.
- Jayal, N. G. (Ed.). (2001). *Democracy in India*. Delhi, Oxford University Press.
- Kashyap, S. C. (2012). *Our Parliament: An Introduction to the Parliament of India*. National Book Trust, India.
- Kaushik, S. (Ed.). (1990). *Indian Government and Politics*. Delhi University, Directorate of Hindi Implementation.
- Kohli, A. (1991). *Democracy and Discontent: India's Growing Crisis of Governability*. Cambridge, Cambridge University Press.
- Kohli, A. (2008). *Democracy and Discontent: India's Growing Crisis of Governability*. Cambridge University Press.
- Kothari, R. (1967). *Party System and Election Studies*. Bombay, Asia Publishing House.
- Kothari, R. (1970). *Politics in India*. New Delhi, Orient Longman.
- Morris Jones, W. H. (1974). *Government and Politics in India*. Delhi, BI Publications.
- Noorani, A. G. (2000). *Constitutional Questions in India: The President, Parliament and The States*. Delhi, Oxford University Press.
- Pylee, M. V. (1998). *An Introduction to the Constitution of India*. New Delhi.
- Ray, A. (1970). *Tension Areas in India's Federal System*. Calcutta, The World Press.
- Rudolph, L. I., & Rudolph, S. H. (2008). *The Modernity of Tradition: Political Development in India*. University of Chicago Press.
- Sahni, N. C. (Ed.). (1971). *Coalition Politics in India*. Jullunder, New Academic Publishing Company.
- Singh, M. P., & Roy, H. (Eds.). (1995). *Indian Political System: Structure, Policies, Development*. New Delhi, Jnanada Prakash.
- Siwach, J. R. (1985). *Dynamics of Indian Government & Politics*. New Delhi, Sterling Publishers.
- Sridharan, E. (2016). *The Dynamics of Party Support: Cohort-Analyzing Party Identification in Multiparty Systems*. Oxford University Press.
- Thakur, R. (1995). *The Government & Politics of India*. London, Macmillan.

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Undergraduate Programme (Political Science) Syllabus, Semester-IV

MCC-7			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	IV		
Name of the Course	Comparative Constitutions of UK & USA		
Course Code	B23-POL-402		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC)	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Understand the evolution, conventions, legacies and features of the constitutions of UK and USA along with their socio-economic basis. 2. Develop a thorough understanding of the comparative study of the executive, legislature and judiciary of U.K. and USA. 3. Understand the structure, functions and role of political parties and pressure groups in UK and USA. 4. Comprehend the process and dynamics of elections, bureaucracy and recent trends in the system of UK and USA. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			

Instructions for Paper Setters

1. Total NINE Questions will be set and students will be required to attempt FIVE questions.
2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus.
3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory question.
4. Each question will carry 14 marks.

Unit	Topics	Contact Hours
I	Evolution, Conventions, Legacies and Basic features of Constitutions of UK and USA; Socio Economic basis of Constitutions of UK and USA.	12
II	Comparative Study of Executive, Legislature and Judiciary System of UK and USA.	12
III	Comparative studies of Structures, Functions and roles of political parties and pressure groups of UK and USA.	12
IV	Electoral Processes, Voting Behaviour, Bureaucracy and Recent Trends of the Working of the systems of UK and USA.	12
	Tutorial	12

Suggested Evaluation Methods

Internal Assessment: 30 Marks	End Term Examination:
Class Participation 05	
Seminar/Presentation/Assignment/Quiz/Class Test etc. 10	
Mid Term Exam: 15	70 Marks

Part-C Learning Resources

Recommended Books:

- G.A. Almond et al., Comparative Politics Today: A World View, 7th edn., New York, London, Harper/Collins, 2000.
- W. Bagehot. The English Constitution, London, Fontana, 1963.
- A.H. Birch, British System of Government, 4th edn., London, George Alen and Unwin, 1980.
- J. Blondel, An Introduction to Comparative Government, London, Weidenfeld and Nicolson, 1969.
- J. Blondel, Comparative Legislatures, Englewood Cliffs NJ, Prentice Hall, 1973.
- J. Bryce, Modern Democracies, Vol. 2, New York, Macmillan, 1921.
- S.E. Finer, Comparative Government, Harmondsworth, Penguin. 1974.
- E.S. Griffith, The American System of Government, 6th edn., London, Methuen, 1983.
- D. Kavangh, Brith Politics: Continuity and Change, Oxford, Oxford University Press, 1985.
- H.J. Laski American Democracy: A Commentary and An Interpretation, London, Unwin, 1948.
- A. Lijphart, Electoral Systems and Party System, New Haven CT, Yale University Press, 1994.
- A. Lijphart, (ed.), Parliamentary versus Presidential Government, Oxford and New York, Oxford University Press, 1992.

- P. Mair, *The West European Party System*, Oxford, Oxford University Press, 1990.
- K.C. Wheare, *Federal Government*, 4th edn., Oxford and New York, Oxford University Press, 1963.
- J. Wilson, *Americal Government*, 4th edn., Boston Massachusetts, Houghton Mifflin, 1997.

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Undergraduate Programme (Political Science) Syllabus, Semester-IV

MCC-8			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	IV		
Name of the Course	State Politics in India		
Course Code	B23-POL-403		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MCC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the significance and determinants of state politics in India. 2. Comprehend the theory and practice of Federalism in India. 3. Understand the centre-state relations and various mechanism to resolve the irritants. 4. Develop an understanding of regionalism and movements against land acquisition in India. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory 			

question.		
4. Each question will carry 14 marks.		
Unit	Topics	Contact Hours
I	Significance, frameworks of analysis, Determinants of State Politics.	12
II	Theory and practice of Federalism in India, History of Reorganization of states in India, Contemporary Demands for new states.	12
III	Centre-state Relations: Areas of Conflict; Demands for State Autonomy, Punchhi Commission's Report, Inter-state Council.	12
IV	Regionalism and regional political parties, Rise of an agrarian capitalist class, Movements against land acquisition.	12
Tutorial		12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination:
Class Participation 05		70 Marks
Seminar/Presentation/Assignment/Quiz/Class Test etc. 10		
Mid Term Exam: 15		

Part-C Learning Resources

Recommended Books:

- Kumar, A. (2016) Introduction, in *Rethinking State Politics in India-Regions Within Regions*
- Kumar, A. (2016) Introduction, in *Rethinking State Politics in India-Regions Within Regions* Taylor and Francis.
- Pai, Sudha (1989) 'Towards a theoretical framework for the study of state politics in India: Some observations, *The Indian Journal of Political Science*, Jan. - March, Vol. 50, No. 1, pp. 94-109
- Tillin, L. (2013) 'National and Subnational Comparative Politics: Why, What and How,' *Studies in Indian Politics*, Vol.1, No.02, pp.235-240.
- Snyder, R. (2001) 'Scaling Down: The Subnational Comparative Method,' *Studies in Comparative International Development*, Spring 2001, Vol. 36, No. 1, pp. 93-110.
- Mawdsley, E. (2002). Redrawing the body politic: federalism, regionalism and the creation of new states in India. *Commonwealth & Comparative Politics*, Vol. 40, No.3, pp. 34-54.
- Sarangi, A. and Pai, S. (2011), Introduction: Contextualising Reorganisation, in Sarangi, A. and Pai, S (eds) *Interrogating Reorganisation of States-Culture, Identity and Politics in India*, Routledge, New Delhi.
- Tillin, Louise (2011), Reorganising the Hindi Heartland in 2000: The Deep Regional Politics of State Formation, in Sarangi, A. and Pai, S (eds) *Interrogating Reorganisation of States- Culture, Identity and Politics in India*, Routledge, New Delhi.
- Singh, M.P. (2008) 'Reorganisation of States in India,' *Economic and Political Weekly*, Vol. 43, No.11 (March 15-21) pp.70-75.

- Tillin, Louise (2013). *Remapping India: New states and their political origins*. Hurst Publishers.
- Samaddar, R. (2020). Rule, Governmental Rationality and Reorganisation of States, in Sarangi, A. and Pai, S (eds) *Interrogating Reorganisation of States* (pp. 48-65). Routledge India.
- Nag, Sajal (2011) 'Linguistic Provinces' to 'Homelands': Shifting Paradigms of State-making in Post-colonial India, in Sarangi, A. and Pai, S. (eds) *Interrogating Reorganisation of States-Culture, Identity and Politics in India*, Routledge, New Delhi. 223
- Bhalla G.S. 1994 (ed.) *Economic Liberalisation and Indian Agriculture*, Institute for Studies in Industrial Development, New Delhi: 61107.
- Brass, T. (1994) Introduction: The new farmers' movements in India, *The Journal of Peasant Studies*, 21:3-4, 3-26, DOI: 10.1080/03066159408438553
- Frankel, F. and Rao, M.S.A. (1989 and 1990) (eds.) *Dominance and State Power in India* Oxford University Press, New Delhi 2 Vols. 198
- Pai, S. (2009) 'Agrarian Mobilization and Farmers' Movements in India' in *Oxford Companion to Indian Politics* (eds.) Pratap Bhanu Mehta and Niraja Gopal Jayal. Oxford: Oxford University Press.
- Baviskar, A. and Levien, M. (2021) 'Farmers' protests in India: introduction to the JPS Forum,' *The Journal of Peasant Studies*, 48:7, DOI: 10.1080/03066150.2021.1998002
- Auerbach, A. M., Bussell, J., Chauchard, S., Jensenius, F. R., Nellis, G., Schneider, M., & Ziegfeld, A. (2022). Rethinking the study of electoral politics in the developing world: Reflections on the Indian case. *Perspectives on Politics*, 20(1), 250-264.
- Kumar, A. (2003). State Electoral Politics: Looking for the Larger Picture. *Economic and Political Weekly*, 38(30), 3145–3147
- Yadav, Y. (1999). Electoral politics in the time of change: India's third electoral system, 1989-99. *Economic and political weekly*, 2393-2399.
- Yadav, Yogendra, and Palshikar, S. (2006) 'Party system and electoral politics in the Indian States, 1952-2002: From hegemony to convergence,' *India's political parties* 6: 73-116.
- Roy, H., Singh, M.P. and Chouhan, A.P.S. (2017) *State Politics in India*, Primus Books. Narain, I. (1965) (ed.) *State Politics in India* Meerut, Meenakshi Prakashan

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Undergraduate Programme (Political Science) Syllabus, Semester-IV

DSE-1			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	IV		
Name of the Course	Perspectives on Democracy		
Course Code	B23-POL-404		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	DSE		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the meaning, definition and characteristics of democracy along with its historical development. 2. Comprehend the forms, dimensions and safeguards of democracy. 3. Understand the liberal, Marxist, elitist and pluralist theories of democracy. 4. Develop an understanding of issues, challenges and future of democracy. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory 			

question.		
4. Each question will carry 14 marks.		
Unit	Topics	Contact Hours
I	Democracy: Meaning, Definition and Characteristics, Historical Development, Merits and Demerits	12
II	Forms of Democracy: Direct and Indirect; Dimensions of Democracy: Political, Social, Economic & Cultural; Safeguards of Democracy	12
III	Theories of Democracy: Liberal, Marxist, Elitist and Plural	12
IV	Issues in Democracy: Majority Rule & Minority Rights, Right to Dissent, Challenges and Future of Democracy	12
Tutorial		12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination:
Class Participation 05		70 Marks
Seminar/Presentation/Assignment/Quiz/Class Test etc. 10		
Mid Term Exam: 15		

Part-C Learning Resources

Recommended Books:

- Chatterjee, P. (2004). *The Politics of The Governed: Reflections on Popular Politics in Most of the World*. Columbia University Press.
- Chhibber, P. K., & Verma, P. (2014). *Ideology and Identity: The Changing Party Systems of India*. Oxford University Press.
- Dahl, R. A. (1971). *Polyarchy: Participation and Opposition*. Yale University Press.
- Dahl, R. A. (2000). *On Democracy*. Yale University Press.
- Diamond, L. (2008). *The Spirit of Democracy: The Struggle to Build Free Societies Throughout the World*. Macmillan.
- Diamond, L., Linz, J. J., & Lipset, S. M. (1989). *Democracy in Developing Countries: Latin America*. Lynne Rienner Publishers.
- Elster, J. (Ed.). (1998). *Deliberative Democracy*. Cambridge University Press.
- Gopalakrishnan, R. (2017). *Democracy in India: A Critical Examination*. Cambridge Scholars Publishing.
- Guha, R. (2019). *Democrats and Dissenters*. Penguin.
- Held, D. (2006). *Models of Democracy*. Polity.
- Huntington, S. P. (1991). *The Third Wave: Democratization in the Late Twentieth Century*. University of Oklahoma Press.

- Kohli, A. (2001). *The Success of India's Democracy*. Cambridge University Press.
- Lijphart, A. (2012). *Patterns of Democracy: Government Forms and Performance in Thirty-Six Countries*. Yale University Press.
- Przeworski, A. (1991). *Democracy and the Market: Political and Economic Reforms in Eastern Europe and Latin America*. Cambridge University Press.
- Przeworski, A., Alvarez, M. E., Cheibub, J. A., & Limongi, F. (2000). *Democracy and Development: Political Institutions and Well-Being in The World, 1950-1990*. Cambridge University Press.
- Rustow, D. A. (1970). Transitions to Democracy: Toward A Dynamic Model. *Comparative Politics*, 2(3), 337-363.
- Sharma, R. (2006). *Democracy and Development in India: From Socialism to Pro-Business*. Oxford University Press.
- Tilly, C. (2007). *Democracy*. Cambridge University Press.

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Undergraduate Programme (Political Science) Syllabus, Semester-IV

DSE-1			
Session 2023-2024			
Part-A Introduction			
Subject	Political Science		
Semester	IV		
Name of the Course	Perspectives on Democracy		
Course Code	B23-POL-405		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC)	DSE		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	NA		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Understand the meaning, nature, significance, origin and growth of human rights. 2. Understand the UN human rights declaration of 1948, its significance and limitations. 3. Comprehend the different generations of human rights 4. Develop a thorough understanding of constitutional provisions and civil and democratic rights movements in India. 		
Credits	Theory	Tutorial	Total
	3	1	4
Contact Hours	3 per week	1 per week	4 per week
Max. Marks:	100	Time: 3 Hours	
Internal Assessment Marks:	30		
End Term Exam Marks:	70		
Part-B Contents of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Total NINE Questions will be set and students will be required to attempt FIVE questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks each spread over the entire syllabus. 3. The remaining EIGHT questions will be set taking TWO questions from each of the four units. The candidate would be required to attempt ONE question from each unit in addition to the compulsory 			

question.		
4. Each question will carry 14 marks.		
Unit	Topics	Contact Hours
I	Introduction to Human Rights: Meaning and Significance, Origin and Growth of Human Rights	12
II	UN Human Rights Declaration, 1948, Significance and limitations of the Human Rights Declaration	12
III	Three Generations of Human Rights: Civil and Political; Social, Economic and Cultural Rights; Environmental rights	12
IV	Human Rights in India: Constitutional Provisions as safeguard of Human Rights; Civil Liberties and Democratic Rights movements in India, Gender and Human Rights in India	12
Tutorial		12
Suggested Evaluation Methods		
Internal Assessment: 30 Marks		End Term Examination:
Class Participation 05 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam: 15		70 Marks

Part-C Learning Resources
<p>Recommended Books:</p> <ul style="list-style-type: none"> • Gregg Benjamin (2016) <i>The Human Rights State: Justice Within and Beyond Sovereign Nations</i>. Philadelphia, PA: University of Pennsylvania Press. • Fraser Nancy (1995) From Redistribution to Recognition? Dilemmas of justice in a 'post-socialist age'. <i>New Left Review</i> 212(July–August): 68–93. • Greenhill Brian (2015) <i>Transmitting Rights</i>. New York, NY: Oxford University Press. • Hafner-Burton Emilie M (2013) <i>Making Human Rights a Reality</i>. Princeton, NJ: Princeton University Press. • Jensen Steven LB (2016) <i>The Making of International Human Rights</i>. Cambridge: Cambridge University Press. • May John D'Arcy (2006) Human Dignity, Human Rights, and Religious Pluralism: Buddhist and Christian perspectives. <i>Buddhist–Christian Studies</i> 26(1) • Satvinder, Juss, <i>Human Rights in India</i>, Routledge, 2021. • Karnatka Women's information and resource Center, <i>Human Rights Education for the Beginners</i>, National Human Rights Commission, New Delhi, 2005.

CBCS Elective First Year NEP Courses Detail-

Programme Code	Programme Name	Core Coures	Year
B23-SKT-101	नीतिसाहित्यं व्याकरणम् च	CC-1/MCC-1	2023-24
B23-SKT-103	संस्कृत-संभाषणम्	MDC-1	2023-24
B23-SKT-104	प्रयोगात्मक-संस्कृतम्	CC-MI	2023-24

Part A - Introduction	
Subject	Sanskrit
Semester	Ist
Name of the Course	Bachelor of Arts
Course Code	B23-SKT-101, नीतिसाहित्य व्याकरण च
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-1/ MCC-1
Level of the course (As per Annexure-I)	100-199
Pre-requisite for the course (if any)	Senior Secondary (10+2) or Visharad or Equivalent in any Stream
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <p>CLO-101-1 संस्कृत भाषा में ज्ञान की सरल मनोवैज्ञानिक विधियों के द्वारा छात्रों को बोध कराने के लिए अनेक रूढ़ कहानी के रूप में लिखे गए जैसे पंचतंत्र, हितोपदेश आदि। इस घटक में हितोपदेश के मित्रलाभ प्रकरण से छात्रों को संस्कृत भाषा में प्रवेश करवाया जाता है।</p> <p>CLO-101-2 नीतिशास्त्रक भारतीय नीतिशास्त्र तथा सुभाषित के रूप में जाना जाता है। भर्तृहरि द्वारा रचित नीति-शास्त्रक के प्रथम 50 श्लोकों के माध्यम से छात्रों को न्याय एवं नीति से समाज-बोध की शिक्षा देने का प्रयास किया गया है।</p> <p>CLO-101-3 संस्कृत भाषा में प्रवेश के लिए छात्रों को व्याकरण के प्रथम सोपान धातुरूप तथा शब्दरूपों का ज्ञान होना आवश्यक है। इस घटक में छात्रों को सरल धातु-रूपों से परिचय करवाया जाता है ताकि वे संस्कृत भाषा समझने में तत्पर हो सकें।</p>

	CLO-101-4 भाषा में अधिभार का प्रयोग परम आवश्यक है। इस घटक में छात्रों को संस्कृत भाषा की अधिभार का बोध करवाया जाता है ताकि वे भाषा को आसानी से समझ सकें क्योंकि अधिभार में परम को अन्तर्-अन्तर् करने और को अन्तर्को में जाना जा सकता है।		
Credits 4:	Theory + Tutorial 3+1	Practical -----	Total 4
Contact Hours: Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	60	Time: 3 Hrs.	60

Part B- Contents of the Course

Instructions for Paper- Setter

प्रश्नपत्र-निर्धार के दिग्दर्शक:-

- प्रश्नपत्र में कुल सवाल (5) उत्तर देने वाले होंगे, प्रश्नपत्र को लिखने कुल 70 अंक निर्धारित हैं। सभी प्रश्न परामर्शपूर्ण होंगे अर्थात् प्रत्येक प्रश्न सवाल (1-4) सवालों का होगा। प्रश्न-पत्र हल करने का समय तीन (3) घण्टे होगा।
- प्रथम प्रश्न परामर्शका को चारों सवालों में निर्धारित सवालों को उत्तराए पर उत्तराए जाए। यह प्रश्न अधिवार्य होगा। इसको उत्तराए करे पर उत्तर वाले विकल्पादिह सार (4) प्रश्न पूछे जाए। प्रत्येक बहुविकल्पक प्रश्न सवाले तीन (3-5) सवालों का होगा।
- द्वितीय, तृतीय, चतुर्थ तथा पंचम प्रश्न का निर्णय परामर्शका को उत्तराए; प्रथम, द्वितीय, तृतीय तथा चतुर्थ प्रश्न में निर्धारित सवालों को उत्तराए पर सवाल सवाला परामर्शका को प्रत्येक प्रश्न से दो विकल्पक प्रश्न दोहराए परीक्षणी से प्रत्येक प्रश्न से एक एक प्रश्न का उत्तर लिखने को कहा जाए।

Unit	Topics	Contact Hours
I	हितोपदेश विस्तारतः (विस्तारतः-प्रस्तावः से लेकर अन्त 2 अर्थात्, सूत्रकथाप्रथमिकः के 55वें श्लोक " सत्यव्याजकरो प्रीतिः....." तक। (क) दो पाठ्यार्थों की व्याख्या: (2-5-10 अंक) (ख) सार (4 अंक)	14 अंक 15
II	नीतिशास्त्रक* : श्लोक-संख्या 1 से 50 तक। (क) दो श्लोकों का सरलार्थः (2-5-10 अंक) (ख) एक सूक्ति की व्याख्या। (4 अंक)	14 अंक 15

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III	संस्कृत व्याकरण : (क) शब्द-रूप : राम, कवि, भाद्र, पितृ, लता, अन्धकार, विद्वान्, राजन्, सन्, (सौमं विद्वान् सन्) - एक (सौमं विद्वान् सन्)। (7 अंक) (ख) धातु-रूप : श्, हृन्, गन्, अन्, हृन्, कृ, ली, भाष्, कुर्वन्, कृष्, लोभन्, लोभ, लोभ, दुर्धरितक, गृह्, लकारो नः) (7 अंक)	14 अंक 15
IV	(क) संधि : अनुसन्धि, अनुसन्धि एवं विस्मयसन्धि। (ख) कण्ठस्थ दो श्लोकों का सूत्र लेखन। (अनुसन्धि से पूछे गए श्लोकों से हिन)।	7 अंक 7 अंक 15
Suggested Evaluation Methods		
Internal Assessment: 30 Marks 2- Theory • Class Participation: 5 Marks • Seminar/presentation/assignment/quiz/class test etc.: 5+5=10 Marks • Mid-Term Exam: 15 Marks		End Term Examination: 70 Marks

Session: 2023-24	
Part A - Introduction	
Subject	Sanskrit
Semester	Ist
Name of the Course	Bachelor of Arts
Course Code	B23-SKT-104, प्रयोगात्मक-संस्कृतम्
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	CC-M1
Level of the course (As per Annexure-I)	0-99
Pre-requisite for the course (if any)	-----
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <p>CLO. 104. 1 : संस्कृत सम्भाषण के माध्यम से छात्रों को व्यावहारिक ज्ञान एवं संस्कृत भाषा के माध्यम से सम्भाषण प्रक्रिया के द्वारा प्रयोगात्मक संस्कृत की शिक्षा छात्रों को दी जाती है।</p> <p>CLO. 104. 2 : संस्कृत भाषा को सरल एवं सुबोध रूप से जानने के लिए भाषा का अनुवाद महत्वपूर्ण है। अनुवाद के माध्यम से छात्र भाषा का लेखन एवं उच्चारण समझ सकते हैं। भाषा शिक्षण के तीन माध्यम हैं बोलना, सुनना और लिखना। यही बोध छात्रों को दिया जाता है।</p> <p>CLO. 104. 3 : इस घटक के माध्यम से छात्रों को फल और सविवरणों के संस्कृत नामों से परिचित कराया जाएगा।</p>

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	CLO.104. 4: कारक भाषा को जानने एवं प्रयोग की एक महत्वपूर्ण प्रक्रिया है। कारकों के माध्यम से क्रिया की जो प्रक्रिया है वो पूर्ण होती है। कारकों का प्रयोग कैसे किया जाता है। यही बोध छात्रों को दिया जाता है।		
Credits 2	Theory + Tutorial	Practical	Total
	2	-----	2
Contact Hours	30	-----	30
Max. Marks: 50 Internal Assessment Marks: 15 End Term Exam Marks: 35		Time: 2 Hrs.	
Part B- Contents of the Course			

Internal Assessment Marks: 15		
End Term Exam Marks: 35		
Part B- Contents of the Course		
<u>Instructions for Paper- Setter</u>		
प्रश्नपत्र-निर्माण के लिये निर्देश:-		
1. प्रश्न-पत्र अधिकतम 35 अङ्कों का होगा। 15 अङ्क आन्तरिक मूल्यांकन के लिये निर्धारित हैं।		
2. प्रश्न-पत्र में कुल पाँच प्रश्न दिये जाएँगे। प्रत्येक प्रश्न 7 अङ्कों का होगा। प्रथम प्रश्न पाठ्यक्रम में निर्धारित चारों घटकों पर आधारित तथा अनिवार्य होगा। इसके अनन्तगत लघु उत्तर वाले विकल्परहित सात (7) प्रश्न पूछे जाएँगे। प्रत्येक लघुउत्तरक प्रश्न एक (1) अङ्क का होगा। दोष चार प्रश्नों में पाठ्यक्रम के प्रत्येक घटक से दो वैकल्पिक प्रश्न दिये जाएँगे। परीक्षार्थी को इनमें से प्रत्येक घटक के एक एक प्रश्न का उत्तर लिखना होगा।		
3. प्रश्न-पत्र हल करने का समय दो (2) घण्टे होगा।		
Unit	Topics	Contact Hours
I	संस्कृत सम्भाषण -7 अंक	7
II	अनुवाद (हिन्दी से संस्कृत) -7 अंक	8
III	(क) फलशाकादिनामानि -7 अंक (ख) श्रीमद्भगवद्गीता के दो श्लोकों का कण्ठस्थीकरण	7
IV	कारकविभक्ति -7 अंक	8

34(1820)

Suggested Evaluation Methods	
Internal Assessment: 15 Marks > Theory <ul style="list-style-type: none"> • Class Participation: 4 Marks • Seminar/presentation/assignment/quiz/class test etc.: 4 Marks • Mid-Term Exam: 7 Marks 	End Term Examination: 35 Marks
Part C-Learning Resources	
Recommended Books/e-resources/LMS:	
1 बृहदानुवादचन्द्रिका, चक्रधर हंस नौटियाल, मोतीलाल बनारसीदास, दिल्ली 2 प्रारम्भिकरचनानुवादकौमदी- डा० कपिलदेव द्विवेदी, विश्वविद्यालय प्रकाशन, वाराणसी	

Session: 2023-24	
Part A - Introduction	
Subject	Sanskrit
Semester	Ist
Name of the Course	Bachelor of Arts
Course Code	B23-SKT-103, संस्कृत-सम्भाषणम्
Course Type: (CC/MCC/MDC/CC- M/DSEC/VOC/DSE/PC/AEC/VA C)	MDC-1
Level of the course (As per Annexure-I)	0-99
Pre-requisite for the course (if any)	-----
Course Learning Outcomes(CLO):	<p>After completing this course, the learner will be able to:</p> <p>CLO. 103. 1 : हितोपदेश के इस कथांश में जीवन में समृद्धि एवं विषमता के विरोधी समय में आत्मोन्नति का संदेश प्राप्त होता है। आठ प्रकार के धर्म, समाज में व्यवहार की रीति, दान, उत्तम चरित एवं जीवन के दोषों का स्पष्ट एवं व्यावहारिक वर्णन है।</p> <p>CLO. 103. 2 : श्रीमद्भगवद्गीता के इस अंश में योग का महत्व एवं कर्मफल त्यागपूर्वक कर्म की श्रेष्ठता का प्रतिपादन किया गया है। स्थित प्रज्ञ का स्वरूप, ऊर्ध्वादि दोषों का त्याग एवं इन्द्रिय संयम के महत्व को विस्तार से व्यक्त किया गया है।</p> <p>CLO. 103. 3 : इस घटक के माध्यम से विद्यार्थी राज्य एवं राष्ट्रीय संस्थानों में प्रयुक्त आदर्श वाक्यों का ज्ञान प्राप्त करेंगे ।</p>

34(1816)

	CLO. 103. 4 : इस घटक के माध्यम से विद्यार्थी प्रतिदिन दैनिक व्यवहार में प्रयुक्त होने वाले शब्दों का ज्ञान प्राप्त करेंगे ।		
Credits 3	Theory + Tutorial	Practical	Total
	2+1	-----	3
Contact Hours	45	-----	45
Max. Marks: 75 Internal Assessment Marks: 25 End Term Exam Marks: 50		Time: 3 Hrs.	

Part B- Contents of the Course

Instructions for Paper- Setter

प्रश्नपत्र-निर्माण के लिये निर्देश:-

1. प्रश्नपत्र में कुल पाँच (5) प्रश्न दिये जाएँ। प्रश्नपत्र के लिये कुल 50 अङ्क निर्धारित हैं। सभी प्रश्न समानाङ्क होंगे अर्थात् प्रत्येक प्रश्न दस (10) अङ्कों का होगा। प्रश्न-पत्र हल करने का समय तीन (3) घण्टे होगा।
2. प्रथम प्रश्न पाठ्यक्रम के चारों घटकों में निर्धारित विषयों के आधार पर बनाया जाए। यह प्रश्न अनिवार्य होगा। इसके अन्तर्गत लघु उत्तर वाले विकल्पपरिहित चार (4) प्रश्न पूछे जाएँ। प्रत्येक लघुउत्तरात्मक प्रश्न साढ़े दो (2.5) अङ्कों का होगा।
3. द्वितीय, तृतीय, चतुर्थ तथा पञ्चम प्रश्न का निर्माण पाठ्यक्रम के क्रमशः प्रथम, द्वितीय, तृतीय तथा चतुर्थ घटक में निर्धारित विषय के आधार पर किया जाए। पाठ्यक्रम के प्रत्येक घटक से दो वैकल्पिक प्रश्न देकर परीक्षार्थी से प्रत्येक घटक से एक एक प्रश्न का उत्तर लिखने को कहा जाए।

Unit	Topics	Contact Hours
I	हितोपदेश (मित्रलामः) (श्लोक 1-35) 10 अंक 'अथ प्रासादपृष्ठे'.....से लेकर 'आलस्यं दीर्घसूत्रता...तक दो श्लोकों का सरलार्थ (2X5 =10 अंक)	11
II	श्रीमद्भगवद्गीता (अध्याय 2/46-72) 10 अंक दो श्लोकों का सरलार्थ (2X5 =10 अंक)	11
III	संस्कृत आदर्श वाक्य 10 अंक (राज्य एवं राष्ट्रीय संस्थानों के आदर्श वाक्य) (1X10 =10 अंक)	11

34(1817)

IV	अनुवाद वाक्य 10 अंक (शिष्टाचारः , परिचयः, छात्राः , परीक्षा, आरोग्यम् , वातावरणम् , भोजनम् , समयः , सुताः , अतिथिः, संकीर्ण, वाक्यानि, शुभाशयाः) इनसे सम्बन्धित संस्कृत अनुवाद (1X10 =10 अंक)	12
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Suggested Evaluation Methods

Internal Assessment: 25 Marks

> Theory

- Class Participation: 5 Marks
- Seminar/presentation/assignment/quiz/class test etc.: 7 Marks
- Mid-Term Exam: 13 Marks

End Term Examination: 50 Marks

Part C-Learning Resources

Recommended Books/e-resources/LMS:

1. हितोपदेश, व्याख्याकार श्री नारायण राम आचार्य काव्यतीर्थ, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली
2. श्रीमद्भगवद्गीता, शांकर भाष्य, गीता प्रेस, गोरखपुर
3. संस्कृतव्यवहार शाहसी, संस्कृत भारती दिल्ली

NEP 2020

DETAILED SYLLABUS FOR UGE ECONOMIC COURSES FOR SEMESTER I, II, III & IV ONLY

CC-1MCC-1

Session 2023-2024

Part-A Introduction

Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	MicroEconomics-I		
Course Code	B23-ECO-101		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC,MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the nature and scope of Economics, including the meaning of Economics, its methods, and why it is studied. 2. Analyze the role of an Economist, including the ability to think like an Economist, the Economist as a Scientist, and as a Policy Adviser. 3. Evaluate the different types of economic activities and systems, including the organization of economic activities and the evolution of present economic systems. 4. Apply the concepts of demand and supply, elasticity, consumer equilibrium, production analysis, and cost and revenue analysis to real-world economic situations. 5*.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max.Marks:100 Internal Assessment Marks: 30 End Term Exam Marks:70	Time: 3Hrs		
Part-B Content of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).			
Unit	Topics		Contact Hours

I	<p>Nature and Scope of Economics: Meaning of Economics; Nature of Economics; Scope of Economics; Methods of Economics; Why Study Economics?</p> <p>Role of an Economist: Thinking Like an Economist; The Economist as Scientist; The Economist as Policy Adviser; Economic Policy</p> <p>Economic Activities and Systems:</p>	12
	Types of Economic Activities; Organisation of Economic Activities; Evolution of the Present Economic Systems	
II	<p>Firms and Household: Meaning of Firms and Household; Relationship Between Firms and Household; Input Markets; Output Markets; Circular Flow of Economic Activities (Two-Sector)</p> <p>Demand and Supply: Individual Demand; Market Demand; Law of Demand; Types of Goods (Normal, Inferior and Giffen); Demand Determinants; Supply and its Determinants; Law of Supply; Market Equilibrium</p>	12
III	<p>Elasticity and its Measurement: Types of Elasticity of Demand and Supply; Price, Income and Cross Elasticity; Measurement of Elasticity of Demand; Determinants of Elasticity of Demand</p> <p>Consumer Equilibrium: Cardinal Utility Analysis (Law of Diminishing Marginal Utility, Law of Equi-Marginal Utility); Ordinal Utility Analysis (Indifference Curve, Properties of Indifference Curve, Budget Line, Equilibrium of Consumer); Consumer Surplus (Marshall & Hicks)</p>	12
IV	<p>Production Analysis: Production Function-Short Run and Long Run; Total Product; Marginal Product; Average Product; Law of Returns to Factor (Law of Variable Proportions); Law of Return to Scale (Increasing, Decreasing and Constant)</p> <p>Cost and Revenue Analysis: Fixed and Variable Costs, Opportunity Cost, Implicit and Explicit Costs, Real and Monetary Costs; Traditional short run and long run cost curves and their interrelation; TR, MR, AR and their relationships</p>	12
V*		
Suggested Evaluation Methods		

<p>Internal Assessment:30</p> <ul style="list-style-type: none"> ➤ Theory(All these activities will be covered under Tutorials. Approximate contact Hours =12) <table data-bbox="284 283 1006 373"> <tr> <td>Class Participation</td> <td>5</td> </tr> <tr> <td>Seminar/Presentation/Assignment/Quiz/Class Test etc.</td> <td>10</td> </tr> <tr> <td>Mid Term Exam</td> <td>15</td> </tr> </table> ➤ Practicum <ul style="list-style-type: none"> Class Participation Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam: 	Class Participation	5	Seminar/Presentation/Assignment/Quiz/Class Test etc.	10	Mid Term Exam	15	<p>End Term Examination:70 Theory</p>
Class Participation	5						
Seminar/Presentation/Assignment/Quiz/Class Test etc.	10						
Mid Term Exam	15						

CCM,CC-MI

Session2023-2024			
Part-A Introduction			
Subject	Economics		
Semester	I		
Nameofthe Course	IntroductoryEconomics		
CourseCode	B23-ECO-103		
CourseType:(CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC	CCM		
Level ofthecourse(Asper Annexure-I)	100-199		
Pre-requisiteforthecourse(if any)	N.A.		
CourseLearningOutcomes (CLO)	<p>Aftercompletingthiscourse,thelearner willbeableto:</p> <ol style="list-style-type: none"> 1. Know the scope and methods of Economics along with understanding the economicproblem ofscarcity& choiceandthecoreprinciplesofdemand and supply. 2. They are able to apply the understanding of these concepts to Comprehend real world problems along with the ability to think critically and analyze economicproblemsindifferenttypes ofeconomicsystemsandvarioustypesof market structures. 3. To understand the concept of national income and various methods of its measurement,aggregatedemand&aggregatesupplyandtheirrelevance. Understanding the different methods to calculate GDP. 4. Tounderstandhowgovernmentsandcentralbanksusefiscalpolicy(taxes, spending)andmonetarypolicy(interestrates, moneysupply) tomanagethe economy, stabilize it & equilibrium of goods-money market. 5*. 		
Credits	Theory	Tutorial	Total
	02	-	02
ContactHours	02	-	02
Max.Marks:50 InternalAssessmentMarks:15 End Term Exam Marks: 35	Time: 2Hrs		
Part-BContentsoftheCourse			
InstructionsforPaperSetters			
<ol style="list-style-type: none"> 1. NineQuestionswillbeset inallandstudentswillberequiredtoattempt5questions. 2. Question No. 1 will be compulsoryandwill consist of 7 short answer type questions of 1 markseach spread over the entire syllabus (1×7=7 marks). 3. For theremaining four questions, studentswillattempt1out of2 questionsfromeach oftheFOURunits(7marks each). 			
Unit	Topics	ContactHours	
I	Basic Economics: Scope and Methods of economics,TheEconomicProblem:Scarcityand Choice, Economicsystemsandtheircharacteristics,Basic economicquestions: what,how, and for whomto Produce.	8	
II	Micro Economics: Law of Demand; Law of Supply;ElasticityandItsApplications;Concept ofCostsand Revenue	7	

III	Macroeconomics: Meaning, difference between micro and macro, meaning of four major sectors of macroeconomics. Concepts of GDP, GNP and National income, Nominal and Real GDP, Limitations of the GDP concept, Circular Flow of Income in two, three, and four-sector economy	8
IV	Government Policies: Monetary policy (meaning, objective, its instruments) fiscal policy (meaning, objective and its instruments):	7
V*		
Suggested Evaluation Methods		
Internal Assessment: 15 <ul style="list-style-type: none"> ➤ Theory <ul style="list-style-type: none"> Class Participation 4 Seminar/Presentation/Assignment/Quiz/Class Test etc. 4 Mid Term Exam 7 ➤ Practicum <ul style="list-style-type: none"> Class Participation Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam: 		End Term Examination: 35 Theory

MDC-1

Session 2023-2024			
Part-A Introduction			
Subject	Economics		
Semester	I		
Name of the Course	Basic of Economics		
Course Code	B23-ECO-104		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	MDC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Have knowledge about basic concepts of Economics. 2. Have Knowledge of basic concepts of Micro Economics: nature and scope of Micro Economics and understanding the key components of Micro Economics for developing economic theories. 3. Have Knowledge of basic concepts of Macro Economics, understanding the various concepts of National Income and developing the ability to construct some basic Macroeconomic Model for analysis of Economic Theories. 4. Have Understanding the basis for trade between two economies, Measure the benefits accrued from International Trade and knowledge of different measures of Economic Development. 5*.		
Credits	Theory	Tutorial	Total
	02	1	03
Contact Hours	02	1	03
Max. Marks: 75 Internal Assessment Marks: 25 End Term Exam Marks: 50	Time: 3Hrs		
Part-B Content of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 10 short answer type questions of 1 mark, spread over the entire syllabus (1*10=10 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (10 marks each).			
Unit	Topics	Contact Hours	
I	Nature and scope of Economics, Definitions of Economics, Important concepts of Economics, Scarcity and choice, The basic issues of what to produce, how to produce and for whom to produce, Problem of distribution of output, Branches of Economics.	11	
II	Concept of demand, law of demand, determinants of demand, Law of supply, and determinants of supply, market equilibrium and price mechanism. Meaning of elasticity of demand. Different types of Market Structure: Perfect competition and its Characteristics, Monopoly and its characteristics, Monopolistic competition and oligopoly.	12	

III	Nature and Scope of macroeconomics, Difference between Micro and Macro economics, Macroeconomic Concerns, The role of Government in the Macro Economy, Introduction to National Income: Concepts of GDP, GNP and National income, Nominal and Real GDP, Limitations of the GDP concept, Circular Flow of Income in two, three, and four-sector economy, Inflation: Meaning and types.	11
IV	Importance of the study of International Economics; Inter-regional and international trade; Theories of absolute advantage and Comparative Advantage. Measurement of development and development gap: GDP, Per capita income, Gini coefficient and Human Development Index (HDI).	11
V*		

Suggested Evaluation Methods

Internal Assessment: 25 ➤ Theory Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 7 Mid Term Exam 13 ➤ Practicum Class Participation Seminar/Demonstration/Viva Voce/Lab Record etc. Mid Term Exam:	End Term Examination: 50 Theory
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Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- Varian H. "Microeconomic Analysis", W. W. Norton New York (Latest Edition).
- Koutsoyiannis, A. "Modern Microeconomics", Macmillan Press, London (Latest Edition)
- Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
- N. Gregory Mankiw. *Macroeconomics*, Worth Publishers, 7th edition, 2010.
- Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
- Salvatore Dominick. *International Economics*, Wiley India.
- Sodersten Bo and Reed J. *International Economics*, McMillan Publisher
- Lekhi R. K., *Principles of Economics*, 2011, Kalyani

CC-2MCC-3

Session 2023-2024			
Part-A Introduction			
Subject	Economics		
Semester	II		
Name of the Course	Macroeconomics-I		
Course Code	B23-ECO-201		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	CC/MCC		
Level of the course (As per Annexure-I)	100-199		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Have insight of basic concepts of Macroeconomics-Its nature and scope, Methodology; National Income and circular flow of national income in an Economy. 2. Have understanding of Macroeconomic behavior in terms of Classical theory of Employment, Say's law, Keynes' theory of equilibrium level of income and Employment 3. Have knowledge about consumption behaviour at macroeconomic level, Keynes' psychological law of consumption, hypotheses about long run income-consumption relationship 4. Have understanding about capital and Investment, Decision to invest at macro economic level, determinants of induced investment. 		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3Hrs		
Part-B Content of the Course			
Instructions for Paper Setters			
<ol style="list-style-type: none"> 1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each). 			
Unit	Topics	Contact Hours	
I	Nature and Scope of Macroeconomics, Difference between Micro and Macro Economics Importance of Macroeconomics. Concepts, Measurement and limitations of National Income Statistics, Circular flow of Income in Two, Three and Four Sector Economy	15	
II	Say's law of Market, Classical Theory of Income and Employment. Keynesian Theory of Income and Employment, Principle of Effective Demand, Comparison between Classical and Keynesian Theory of Employment	15	
III	Consumption Function: Meaning and Technical Attributes, Significance of MPC, Relationship between APC & MPC, Keynesian Psychological Law of Consumption and its Implications, Short-run & Long-run Consumption functions	15	
IV	Meaning of Capital and Investment, Types of		

CC-M2

Session2023-2024

Part-A Introduction

Subject	Economics		
Semester	II		
Nameofthe Course	INTRODUCTIONTOINDIANECONOMY		
CourseCode	B23-ECO-202		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CCM		
Levelofthecourse(Asper Annexure-I)	100-199		
Pre-requisiteforthecourse(if any)	N.A.		
CourseLearningOutcomes (CLO)	Aftercompletingthiscourse,thelearnerwillbeableto: 1. Know economic systems, resource allocation, types of economies, Indian economy'ssize,sectors,challenges,governmentinitiatives,andglobalstanding. 2. Understandcausesandconsequencesoffinequality,unemployment, infrastructure challenges, government initiatives, 3. Understandtheimportance, issueandchallengesofInfrastructureand environmental sustainability in Indian economy 4. Understandthechallenges,achievementsandfaileduringdifferentfiveyears plans t& know the strategies for economic reforms before and after 1991. 5*.		
Credits	Theory	Tutorial	Total
	02	-	02
ContactHours	02	-	02
Max.Marks:50 InternalAssessmentMarks: 15 EndTermExamMarks:35	Time: 3Hrs		

Part-BContentsoftheCourse

InstructionsforPaperSetters

- NineQuestionswillbesetinallandstudentswillberequiredtoattempt 5questions.
- QuestionNo. 1will becompulsoryand willconsist of7 short answer typequestionsof1 mark spread over the entire syllabus (1*7=7 marks).
- Fortheremaining four questions, students will attempt 1 out of 2 questions from each of the Four units (7 marks each).

Unit	Topics	ContactHours
I	Overview of the Indian Economy: Introduction to the Indian economy: size, growth, and significance, Key sectors of the Indian economy; Agriculture: importance, challenges, and government initiatives, Industry: manufacturing,mining,andconstructionsectors,Services: IT,telecommunications,financeandtourism.India's positionintheglobal economy.	7
II	MajorEconomicChallengesinIndia: Poverty and Income Inequality: Causes and consequences of income inequality: Governmentinitiativesandpoliciestoreducepovertyandineq uality. Unemployment and Skill Development: Typesandcausesofunemploymentin	8

	India, Youth unemployment and the demographic dividend. Government schemes and initiatives to promote employment and skill enhancement.	
III	Infrastructure Development: Importance of infrastructure in economic development, Challenges in transportation, energy, and urban infrastructure, Government initiatives such as Smart Cities Mission and Bharatmala Project. Environmental Sustainability: Environmental challenges in India, including pollution and climate change, Importance of sustainable development and green initiatives.	7
IV	Economic Reforms: Need, objectives and features before 1991; New Economic Policy (Liberalisation Privatisation Globalisation) reforms after 1991: achievements and failures; NITI Aayog: need, objectives	8
V*		
Suggested Evaluation Methods		
Internal Assessment: 15		End Term Examination: 35
➤ Theory		Theory
Class Participation	4	
Seminar/Presentation/Assignment/Quiz/Class Test etc.	4	
Mid Term Exam	7	
➤ Practicum		
Class Participation		
Seminar/Demonstration/Viva Voce/Lab Record etc. Mid Term Exam:		
Part-C Learning Resources		
Recommended Books/E-Resources/LMS:		
<ul style="list-style-type: none"> • Dutt, Gaurav and Mahajan, Ashwani “<i>Dutt & Sundharam Indian Economy</i>” S. Chand & Company (Latest Ed.). • Dhar, P.K. “<i>Indian Economy – Its Growing Dimensions</i>” Kalyani Publishers (Latest Ed.). • Kapila, Uma “<i>Indian Economy: Performance and Policies</i>” Academic Foundation, New Delhi (Latest Edition). • Kapila, Uma “<i>Indian Economy Since Independence</i>” Academic Foundation, New Delhi (Latest Edition). • Mishra S.K. and Puri, V.K. “<i>Indian Economy</i>”, Himalaya Publishing House (Latest Ed.) 		

*Applicable for courses having practical component.

MDC-2

Session2023-2024			
Part-A Introduction			
Subject	Economics		
Semester	II		
Nameofthe Course	INDIANECONOMICENVIRONMENT		
CourseCode	B23-ECO-204		
CourseType:(CC/MCC/MDC/ CCM/DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Level ofthecourse(Asper Annexure-I)	100-199		
Pre-requisitefor thecourse(ifany)	N.A.		
CourseLearningOutcomes(CLO)	1. Tounderstandandanalyzethenatureofgrowth &development ofIndia Economy. 2. UnderstandingandevolutionofAgriculturesectorinIndia. 3. UnderstandingandevolutionofIndustrialsectorinIndia. 4. Utilize the detailed skills and techniques to address the problems of Indian economy like poverty, inequality, unemployment. 5*.		
Credits	Theory	Tutorial	Total
	03	1	04
ContactHours	03	1	04
Max.Marks:75 InternalAssessmentMarks:25 End Term Exam Marks: 50	Time: 3Hrs		
Part-BContentsoftheCourse			
InstructionsforPaperSetters			
1. NineQuestionswillbesetinallandstudentswillberequiredtoattempt4questions. 2. QuestionNo.1 willbe compulsory andwill consist of 10short answer type questionsof 1mark,spread over the entire syllabus (1*10=10 marks). 3. Fortheremaining four questions, studentswill attempt 1out of2questionsfrom each ofthethree units(10 marks each).			
Unit	Topics	ContactHours	
I	Elements of micro & macro environment; PESTLE analysis.Economic growth & development; primary, secondary and tertiary sectors; structural changes & emerging sectors of the Indian economy.	11	
II	Review of five year plans in India, planning strategy and objectives.Current trends in industrial growth, industrialandlicensingpolicy,growth ofprivatesector, problems of public sector units, policy changes for industrial growth; environment for the SME sector.	12	

III	Design and strategy of economic reforms and liberalization:India's growth post liberalization.Main trends in imports and exports, balance of payments in recent years, environment for foreign capital and investment.	11
IV	Intellectual property rights and R&D environment. Banking reforms and challenges; Monetary & Fiscal Policies; meaning, importance & instruments.; SEBI;	11

	FEMA	
V*		
Suggested Evaluation Methods		
Internal Assessment: 25		End Term Examination: 50
➤ Theory		Theory
Class Participation	5	
Seminar/Presentation/Assignment/Quiz/Class Test etc.	7	
Mid Term Exam	13	
➤ Practicum		
Class Participation		
Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam:		

Part-C Learning Resources
Recommended Books/E-Resources/LMS:
<ul style="list-style-type: none"> • Kapila, Uma, "Indian Economy: Performance and Policies" Academic Foundation, New Delhi (Latest Edition). • Mishra, S.K. and Puri, V.K, "Indian Economy" Himalya Publication House (Latest Edition). • Rudar Dutt and Sundram; Indian Economy S. Chand and Company (Latest Edition) • Datt, Gaurav and Mahajan, Ashwani "Dutt & Sundharam Indian Economy" S. Chand & Company (Latest Ed.). • Sen, R.K. and B. Chatterjee, "Indian Economy: Agenda for 21st Century (Essays in honour of Prof. P.R. Brahmananda)", Deep & Deep Publications, New Delhi. • Singh Ramesh (2020-21), "Indian Economy", McGraw Hill Education (India) Private Limited (Latest Ed.). • Purkayastha Gautam, "Dynamics of Indian Economy", Kalyani

CC-3MCC-4

Session 2023-2024

Part-A Introduction

Subject				Economics					
Semester				III					
Name of the Course				MICROECONOMICS-II					
Course Code				B23-ECO-301					
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC /VAC				CC/ MCC					
Level of the course (As per Annexure-I)				200-299					
Pre-requisite for the course (if any)				CC-1MCC-1		B23-ECO-101		MICROECONOMICS-I	
				ORCC-M1		B23-ECO-103		INTRODUCTORY ECONOMICS	
Course Learning Outcomes (CLO)				After completing this course, the learner will be able to: 1. To understand the concepts in consumer and producer Theory like surplus, economies, isoquants, iso-cost lines etc.. 2. To understand market conditions of perfect competition, monopoly and monopolistic competition. 3. To understand few models of oligopoly. 4. To understand how factor prices are determined 5*.					
Credits				Theory		Tutorial		Total	
				03		1		04	
Contact Hours				03		1		04	
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70				Time: 3Hrs					
Part-B Content of the Course									
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).									
Unit		Topics						Contact Hours	
I		Concepts in Consumer and producer Theory <ul style="list-style-type: none"> • Producer Surplus • Price, Income and Substitution Effects (Hicks and Slutsky) • Economies and Diseconomies of Scale • Isoquant and Iso-Cost Lines and Producer's Equilibrium 						15	

II	Market Structure <ul style="list-style-type: none"> • Perfect competition (Meaning, Equilibrium of firm and industry in short run and long run). • Role of time element in price determination. • Monopoly (Meaning, Equilibrium in short run and long run). • Price discriminating monopoly. 	15
III	Market Structure	

	<ul style="list-style-type: none"> • Monopolistic Competition (Meaning, Equilibrium of firm and industry in short run and long run). • Cournot's and Bertrand's Duopoly Model. • Kinked Demand Model. • Cartels and Price Leadership Models 	15
IV	Factor Pricing <ul style="list-style-type: none"> • Ricardian Theory of Rent • Modern Theory of Rent, Quasi rent • Wage (Demand and Supply of Labour, Marginal Productivity Theory) • Interest (Classical and Keynesian) • Profit (Risk Theory, Dynamic Theory, Schumpeter's Innovation Theory, Uncertainty Bearing Theory) 	15
V*		

Suggested Evaluation Methods

Internal Assessment: 30 <ul style="list-style-type: none"> ➤ Theory (All these activities will be covered under Tutorials. Approximate contact Hours = 15) <table style="width: 100%; border: none;"> <tr> <td>Class Participation</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Seminar/Presentation/Assignment/Quiz/Class Test etc.</td> <td style="text-align: right;">:10</td> </tr> <tr> <td>Mid Term Exam</td> <td style="text-align: right;">15</td> </tr> </table> ➤ Practicum <ul style="list-style-type: none"> Class Participation Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam: 	Class Participation	5	Seminar/Presentation/Assignment/Quiz/Class Test etc.	:10	Mid Term Exam	15	End Term Examination: 70 Theory
Class Participation	5						
Seminar/Presentation/Assignment/Quiz/Class Test etc.	:10						
Mid Term Exam	15						

Part-C Learning Resources

Recommended Books/E-Resources/LMS: <ul style="list-style-type: none"> • Ahuja, H.L. (2012), <i>Ucchatar Arthik Siddhant</i>, S. Chand & Company, New Delhi. • Dwivedi, D.N. (2011), <i>Microeconomics – Theory & Applications</i>, Pearson. • Koutsoyiannis, A. (1979), <i>Modern Microeconomics</i>, (2nd Edition), Macmillan Press, London. • Mankiw, N.G. (2012), <i>Principles of Microeconomics</i>, (6th Edition), South-Western Cengage Learning. • Salvatore D. (2006), <i>Microeconomics - Theory and Applications</i>, Oxford University Press. • Varian, H. (2003), <i>Intermediate Microeconomics</i>, East-West Press. • Chopra P.N., <i>Micro Economics</i>, Kalyani
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MDC-3

Session 2023-2024			
Part-A Introduction			
Subject	Economics		
Semester	III		
Name of the Course	CURRENT ISSUES IN GLOBAL ECONOMY		
Course Code	B23-ECO-303		
Course Type: (CC/MCC/MDC/CCM/DSEC/VOC/DSE/PC/AEC/VAC)	MDC		
Level of the course (As per Annexure-I)	200-299		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	<p>After completing this course, the learner will be able to:</p> <ol style="list-style-type: none"> 1. Knowledge of global economic systems, international trade, types of regional agreements, multilateral negotiations, World institutions facilitating trade. 2. Understanding of evolution of the international monetary system, exchange rate regimes and their implications, various global financial crisis and Global financial stability and regulatory frameworks. 3. Analyzing the given situation in the global economy and understanding the social challenges, SDGs and Policies for achieving sustainable development. 4. Understanding of evolution of Economic integrations and its benefits and challenges 		
	5*.		
Credits	Theory	Tutorial	Total
	02	1	03
Contact Hours	02	1	03
Max. Marks: 75 Internal Assessment Marks: 25 End Term Exam Marks: 50	Time: 3Hrs		
Part-B Content of the Course			
<ol style="list-style-type: none"> 1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 10 short answer type questions of 1 mark, spread over the entire syllabus (1*10=10 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (10 marks each). 			
Unit	Topics	Contact Hours	
I	Introduction to globalization and its impact on the global economy, Free trade and Protection; Tariffs, Quotas and Non-Tariff barriers.	11	
II	Evolution of the international monetary system, Exchange rate regimes and their implications, International financial institutions: IMF, World Bank; Contemporary Issues in International finance: East Asian Crisis of 1997; Global recession 2007; Global financial stability and regulatory frameworks.	11	
III	Sustainable Development Goals (SDGs): Overview of the SDGs and their significance; Economic dimensions of sustainable development; Policies for achieving sustainable development; Contemporary Issues in development: Poverty, Social development and Infrastructure	11	
IV	Economic integration and its benefits and challenges. Integration	12	

	experiences-European Union, BRICS, NAFTA, ASEAN, Multilateral trade negotiations-the GATT rounds, UNCTAD and evolution of world trading arrangements, World Trade Organization and fair trade-Development Round, Trade Facilitation, Trade War, Recent Paradigm Shifting global economy.	
V*		
Suggested Evaluation Methods		
Internal Assessment: 25		End Term Examination: 50
<ul style="list-style-type: none"> ➤ Theory Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 7 Mid Term Exam 13 ➤ Practicum Class Participation Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam: 		Theory

Part-C Learning Resources	
Recommended Books/E-Resources/LMS:	
<ul style="list-style-type: none"> ● <i>Obstfeld, M., Melitz, M., & Krugman, P. (2014). International economics: theory and policy.</i> ● <i>Aggarwal, M.R. (1979). Regional Economic Cooperation in South Asia. S. Chand and Co.</i> ● <i>Bhagwati, Jagdish (1969). Trade tariffs & growth. The MIT Press.</i> ● <i>Bhalla, & Bhalla, (1997). Regional Blocs. Palgrave MacMillan.</i> ● <i>Bhandari, S. (1998). WTO & Developing Countries. Deep & Deep Publications.</i> ● <i>Corden (1971). Theory of Protection. Clarendon Press, Oxford.</i> ● <i>Greenaway, David (1983). International trade policy: From Tariffs to the New Protectionism. Macmillan Publishers Limited, London.</i> ● <i>Stuenkel, O. (2020). The BRICS and the future of global order. Lexington books.</i> ● <i>Klein, M. C., & Pettis, M. (2020). Trade wars are class wars: How rising inequality distorts the global economy and threatens international peace. Yale University Press.</i> 	

CC-4MCC-6

		Session2023-2024		
		Part-A Introduction		
Subject		Economics		
Semester		IV		
Nameofthe Course		MacroEconomics-II		
CourseCode		B23-ECO-401		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC		CC/MCC		
Levelofthecourse(Asper Annexure-I)		200-299		
Pre-requisiteforthecourse(if any)		CC-2MCC-3 B23-ECO-201 MACROECONOMICS-I		
CourseLearningOutcomes (CLO)		<p>Aftercompletingthiscourse,thelearnerwillbeableto:</p> <p>1. HaveunderstandingaboutincomegenerationprocessthroughInvestment, multiplier effect and acceleration effect of income, combined action of multiplier and acceleration effect.</p> <p>2. Haveunderstandingofvalueofmoney;classical,neoclassicalapproach, Demand for money and Supply of money, components of money supply, role of credit and high-powered money in an economy.</p> <p>3. Haveknowledgeaboutfluctuationsinvalueofmoney:inflationCauses, process of inflation, measures, Employment –inflation relationship: hypotheses.</p> <p>4. Haveunderstandingaboutbusinesscycles,dynamicsofbusinesscycles phases,interestrateinmacroeconomicperspective-KeynesandHicks-Hansen approach.</p> <p>5*.</p>		
Credits		Theory	Tutorial	Total
		03	1	04
ContactHours		03	1	04
Max.Marks:100 InternalAssessmentMarks:30 End Term Exam Marks: 70		Time: 3Hrs		
		Part-BContentsoftheCourse		
		<p>1. NineQuestionswillbesetinallandstudentswill berequiredtoattempt5questions.</p> <p>2. Question No. 1 will be compulsoryand will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14marks).</p> <p>3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).</p>		
Unit	Topics	Contact Hours		
I	KeynesianMultiplier:Concepts,RelationbetweenMultiplier,MPCandMPS, Comparative Static and Dynamic Process, Working of Multiplier in UDC'S. Acceleration Principle and Concept of Super Multiplier.	15		
II	The Demand for Money: Concepts, FunctionsandSignificance. QuantityTheoryof Money-Fisher'sApproachandCambridgeApproach,KeynesianTheoryofMoney. SupplyofMoney: MeaningandDeterminants	15		

III	eaning, Causes and Effects of Inflation Types of Inflation Theories of inflation; Demand Pull and Cost Push Inflation. Phillips Curve in Short run and Long run.	15
IV	Meaning, Nature and Features of Business Cycles. Types and Phases of Business	

	Cycles. Keynes's View of Trade Cycles. Theories of Trade Cycles (Hicks and Samuelson), Rate of Interest: Keynesian Theories of Interest & IS-LM framework.	15
V*		
Suggested Evaluation Methods		
	Internal Assessment: 30 ➤ Theory (All these activities will be covered under Tutorials. Approximate contact Hours = 15) Class Participation 5 Seminar/Presentation/Assignment/Quiz/Class Test etc. 10 Mid Term Exam 15 ➤ Practicum Class Participation Seminar/Demonstration/Viva Voce/Lab Record setc. Mid Term Exam:	End Term Examination: 70 Theory

Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- *Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.*
- *Dornbusch, R. and F. Stanley (1999), Macroeconomics, Irwin McGraw Hill, Inc. New York, 7th Edition*
- *Heijdra, B. J. and V. P. Frederick (2002), Foundations of Modern Macroeconomics, Oxford University Press, New Delhi.*
- *Lipsey R. G. and K. A. Chrystal (2007)—Economics, Oxford University Press*
- *Lekhi R. K. Macro Economics, Kalyani*

