

ODL M.A.

MASTER OF ARTS (ECONOMICS)

PROGRAMME GUIDE

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INTRODUCTION

The **Master of Science in Economics** is a two-year postgraduate program designed to provide students with a deep understanding of economic theory, quantitative methods, and their application to real-world problems. The program integrates a robust curriculum encompassing **core economic courses, statistical and econometric tools**, and a wide array of **generic electives** drawn from allied disciplines such as **Data Science, Finance, English, History, Human Resource Management, Marketing, Sociology, and Political Science**. This interdisciplinary approach equips students with the analytical, critical thinking, and communication skills needed for careers in academia, research, policy-making, and industry. A major highlight of the program is the **dissertation**, which offers students an opportunity to conduct independent research under faculty guidance, fostering originality and rigor.

PROGRAMME OUTCOMES

Program outcomes are clear goals that explain what students should know and be able to do by the time they complete the program. These outcomes focus on the skills, knowledge, and behaviours students gain during their time in the program.

1. **Economic Knowledge and Understanding:** Develop a thorough grounding in microeconomics, macroeconomics, development economics, public economics, international economics, and contemporary economic issues.
2. **Analytical and Quantitative Skills:** Employ statistical and econometric techniques to analyze economic data and test economic theories.
3. **Research Competency:** Conduct independent research using appropriate methodologies, culminating in a scholarly dissertation that reflects academic integrity and original thinking.
4. **Interdisciplinary Integration:** Apply economic concepts in tandem with insights from other disciplines such as data science, sociology, politics, history, literature, and business studies to develop holistic solutions to complex societal problems.
5. **Communication and Presentation Skills:** Communicate economic arguments effectively through written reports, presentations, and discussions for both academic and non-academic audiences.
6. **Ethical and Social Responsibility:** Demonstrate a strong sense of ethics, social responsibility, and awareness of contemporary global and local economic challenges.
7. **Lifelong Learning and Employability:** Cultivate a spirit of lifelong learning and adaptability to various professional contexts such as academia, research, public policy, international organizations, and private sector enterprises.

PROGRAMME SPECIFIC OUTCOMES

PSO1: Imparting skills to analyze and evaluate policy making decisions using principles of economics.

PSO2: Capacity to use appropriate statistical tools and software for data analysis.

SALIENT FEATURES

- **Comprehensive curriculum:** Comprehensive curriculum covering core economic theory and applied areas.

- **Multidisciplinary Electives:** Choose from elective courses in **Data Science, Finance, English, History, Human Resource Management, Marketing, Sociology, and Political Science** to broaden career prospects.
- **Industry-Relevant Skills:** Curriculum includes applications of mathematics in real-world contexts, equipping students for roles in academia, industry, and government.
- **Interactive Learning:** Digital tools and interactive sessions designed to support an engaging learning experience.
- **Awareness of Contemporary Issues:** Courses to build awareness about contemporary issues and challenges in the global economy.

PROGRAMME CODE: DE3423

DURATION OF THEPROGRAMME:

Minimum Duration 2 years

Maximum Duration 4 years

MEDIUM OF INSTRUCTION/EXAMINATION:

Medium of instruction and Examination shall be English.

**PROGRAMME STRUCTURE
MASTER OF SCIENCE(ECONOMICS)**

Term	Core Courses (CR I, CR II, CR III A, CR III B) CR I+II - (8+6) 14 x 4 Credits CR III (A) - 1 x 4 Credits CR III (B) - 1 x 8 Credits	Skill Enhancement Courses (SEC) 1 x 4 Credits	Generic Electives (GE) 4 x 4 Credits	Credits
I	Discipline Specific Core- I Discipline Specific Core- II Discipline Specific Core- III Discipline Specific Core- IV	SEC-I Fundamentals of Information Technology		20
II	Discipline Specific Core- V Discipline Specific Core- VI Discipline Specific Core- VII Discipline Specific Core- VIII		GE-I (Data Science, English, Finance, History, Human Resource, Marketing, Sociology, Political Science)	20
III	Discipline Specific Core- IX Discipline Specific Core- X Discipline Specific Core- XI Discipline Specific Core- XII CR III A- TERM PAPER or courses from the GE Basket 1 which is not chosen as Generic Elective (GE)		GE-II (Data Science, English, Finance, History, Human Resource, Marketing, Sociology, Political Science)	24
IV	Discipline Specific Core- XIII Discipline Specific Core- XIV CR- III B DISSERTATION or next 2 courses from the GE Basket 2 and 3 of same area from which course chosen against TERM PAPER		GE-III & IV (Data Science, English, Finance, History, Human Resource, Marketing, Sociology, Political Science)	24
Total	68 Credits	4 Credits	16 Credits	88

**PROGRAMME SCHEME
MASTER OF ARTS (ECONOMICS)**

COURSECODE	COURSE TITLE	Cr.	CA	ETE (Theory)	ETE (Practical)
TERM1					
DEECO525	MICROECONOMICS THEORY AND ANALYSIS – I	4	30	70	0
DEECO526	MACROECONOMICS THEORY AND ANALYSIS – I	4	30	70	0
DECAP145	FUNDAMENTALS OF INFORMATION TECHNOLOGY	4	30	40	30
DEECO604	INDIAN ECONOMIC DEVELOPMENT	4	30	70	0
DEGEN530	FUNDAMENTALS OF RESEARCH	4	30	70	0
TERM2					
DEECO529	MICROECONOMICS THEORY AND ANALYSIS - II	4	30	70	0
DEECO530	MACROECONOMICS THEORY AND ANALYSIS - II	4	30	70	0
DEQTT501	MATHEMATICS FOR ECONOMISTS	4	30	70	0
GE-I	GENERIC ELECTIVE I	4	30	70/40	0/30
DEMGN832	RESEARCH METHODOLOGY	4	30	70	0
TERM3					
DEECO606	INTERNATIONAL ECONOMICS	4	30	70	0
DEECO538	ENVIRONMENTAL ECONOMICS	4	30	70	0
DEECO528	MONETARY THEORY AND POLICY	4	30	70	0
DEECO532	PUBLIC ECONOMICS	4	30	70	0
GE-II	GENERIC ELECTIVE II	4	30	70/40	0/30
DEMGN842	TERM PAPER	4	30	0	70
	OR 1 Course from the GE Basket 1 which is not chosen as Generic Elective (GE) area.		30	70/40	0/30
TERM4					
DEECO512	ECONOMICS OF DEVELOPMENT	4	30	70	0
DEECO607	TRADE AND DEVELOPMENT	4	30	70	0
GE-III	GENERIC ELECTIVE III	4	30	70	0
GE-IV	GENERIC ELECTIVE IV	4	30	70	0
DEECO601	DISSERTATION	8	30	0	70
	OR Next 2 courses from GE Basket 2 & 3 of same area from which the course chosen in lieu of Term Paper in Term 3.		30	70/40	0/30s
TOTAL CREDITS		88			

GENERIC ELECTIVE (GE) BASKET 1								
S. No	Course Code	Course Title	Cr.	CA	ETE (Theory)	ETP (Practical)	Elective Area	Term
1	DECAP790	PROBABILITY AND STATISTICS	4	30	40	30	Data Science	2
2	DEFIN546	FINANCIAL RISK MANAGEMENT	4	30	70	0	Finance	2
3	DEHRM619	TRAINING AND DEVELOPMENT	4	30	70	0	Human Resource	2
4	DEMKT505	DIGITAL AND SOCIAL MEDIA MARKETING	4	30	70	0	Marketing	2
5	DEENG539	ACADEMIC ENGLISH	4	30	70	0	English	2
6	DEHIS551	HISTORY OF INDIA UPTO AD 650	4	30	70	0	History	2
7	DEPOL525	POLITICAL INSTITUTIONS IN INDIA	4	30	70	0	Political Science	2
8	DESOC515	FUNDAMENTALS OF SOCIOLOGY	4	30	70	0	Sociology	2

GENERIC ELECTIVE (GE) BASKET 2								
S. No	Course Code	Course Title	Cr.	CA	ETE (Theory)	ETP (Practical)	Elective Area	Term
1	DECAP792	DATA SCIENCE TOOLBOX	4	30	40	30	Data Science	3
2	DEFIN544	CORPORATE VALUATION	4	30	70	0	Finance	3
3	DEHRM615	INDUSTRIAL RELATION AND LABOUR LAWS	4	30	70	0	Human Resource	3
4	DEMKT509	CONSUMER BEHAVIOUR	4	30	70	0	Marketing	3
5	DEENG514	INTRODUCTION TO THE STUDY OF LANGUAGE	4	30	70	0	English	3
6	DEHIS553	HISTORY OF INDIA FROM 650-1200 AD	4	30	70	0	History	3
7	DEPOL527	PUBLIC POLICY AND GOVERNANCE IN INDIA	4	30	70	0	Political Science	3
8	DESOC506	GLOBALIZATION AND SOCIETY	4	30	70	0	Sociology	3

GENERIC ELECTIVE (GE) BASKET 3

S. No	Course Code	Course Title	Cr.	CA	ETE (Theory)	ETP (Practical)	Elective Area	Term
1	DECAP794	ADVANCE DATA VISUALIZATION	4	30	40	30	Data Science	4
2	DEFIN576	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	4	30	70	0	Finance	4
3	DEHRM521	HUMAN RESOURCE METRICS AND ANALYTICS	4	30	70	0	Human Resource	4
4	DEMKT517	CUSTOMER RELATIONSHIP MANAGEMENT	4	30	70	0	Marketing	4
5	DEENG519	POST-INDEPENDENCE INDIAN LITERATURE	4	30	70	0	English	4
6	DEHIS632	WOMEN IN INDIAN HISTORY	4	30	70	0	History	4
7	DEPOL650	COMPARATIVE POLITICAL ANALYSIS	4	30	70	0	Political Science	4
8	DESOC507	GENDER AND SOCIETY	4	30	70	0	Sociology	4

GENERIC ELECTIVE (GE) BASKET 4

S. No	Course Code	Course Title	Cr.	CA	ETE (Theory)	ETP (Practical)	Elective Area	Term
1	DECAP737	MACHINE LEARNING	4	30	40	30	Data Science	4
2	DEFIN526	FINANCIAL ANALYTICS	4	30	70	0	Finance	4
3	DEHRM611	COMPENSATION MANAGEMENT	4	30	70	0	Human Resource	4
4	DEMKT622	PRODUCT AND BRAND MANAGEMENT	4	30	70	0	Marketing	4
5	DEENG527	POSTCOLONIAL LITERATURES AND CULTURAL STUDIES	4	30	70	0	English	4
6	DEHIS631	TWENTIETH CENTURY WORLD	4	30	70	0	History	4
7	DEPOL617	POLITICAL PROCESSES IN INDIA	4	30	70	0	Political	4
8	DESOC614	SOCIOLOGY OF HEALTH	4	30	70	0	Sociology	4

Note:

1. Students can adopt only one area from Generic Elective basket that will be applicable for the whole program.
2. In the case of Term Paper, the student may choose one course in lieu of Term Paper from the Generic Elective Basket 1 which is not chosen as Generic Elective (GE) area.
3. In case of Dissertation, the student may choose Next 2 courses from GE basket 2 & 3 of same area from which the course chosen in lieu of Term Paper in Term 3.
4. If the student opts for Term Paper in Term 3, then he/she is not allowed to opt for courses in lieu of Dissertation in Term 4.
5. If the student opts for course in lieu of Term Paper in Term 3, then he/she is not allowed to opt for Dissertation in Term 4.

Course code	DEECO525	Course Title	MICROECONOMIC THEORY AND ANALYSIS - I
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: describe the economic concepts pertaining to microeconomics.

C02: identify the interplay of economic concepts with rationality.

C03: analyze production decisions in context of dynamic consumer choices.

C04: evaluate the micro economic phenomenon in context of real time market scenario.

C05: integrate firm's behavior with market strategies.

C06: generalize economic premises in context of consumer's behavior.

Unit No.	Content
Unit 1	Introduction to micro economics: Basic assumptions, Basic Economic Problem-choice and scarcity, kinds of economic decisions, Deductive and inductive methods
Unit 2	Demand Analysis: Law of demand, Law of supply, Market equilibrium, Empirical aspects of elasticity of demand, Price, income and cross elasticity of demand, Elasticity of supply, Demand Forecasting, Techniques of demand forecasting
Unit 3	Utility analysis: Cardinal and ordinal consumer behaviour, Indifference curves and their applications, Diminishing marginal rate of substitution, Budget constraint, Slopes of budget line, Shifts in budget line, Consumer's equilibrium
Unit 4	Revealed Preference Theory: Introduction to dynamic and other models of demand, Consumer surplus, Revision of Demand Theory, Consumer choice under risk and uncertainty
Unit 5	Production function: Introduction to production function and types, Iso-quants, Factor substitution in production, Producer's equilibrium, Optimal combination of multiple inputs, Expansion path, Euler's theorem, Cobb- Douglas, Introduction to CES and VES production function, Elasticity of substitution, Returns to factor and scale
Unit 6	Cost analysis and estimation: Cost curves (long run and short run), Cost and learning curves, Break even analysis, Economies of scale and economies of scope, Minimum efficient scale, Economies of scope
Unit 7	Market structure-Perfect competition: Competitive market characteristics, Price and output determination in short and long run, Profit maximization in perfect competition
Unit 8	Monopoly: Introduction to monopoly, Price and output determination in short and long run in monopoly, Price discrimination and dumping, Social cost and benefits of monopoly, Antitrust policy, Introduction to monopsony, Workable competition- Structure, Conduct, Performance, Economic inefficiency in monopoly market
Unit 9	Monopolistic Competition: Introduction to monopolistic competition, Difference between monopoly and monopolistic market, Price and output determination in short and long run in monopolistic market, Process of monopolistic competition, Monopolistic competition and advertising
Unit 10	Oligopoly: Market structure measurement in oligopoly, Price and output determination in oligopoly market, Kinked demand curve, Models of oligopoly- collusive and non-collusive, Price leadership, Measures of market concentration, Recent trends in oligopoly
Unit 11	Alternative theories of the firm: Baumol's, Marris and Wiallomonson's, Bains Limit pricing Theory

Unit 12	Welfare economics: Welfare Criteria – Fairness, Pareto optimality, Kaldor efficiency, Scitovsky Criterion, Samuelson Criterion, Cost Benefit Analysis. Social Choice: Social Welfare Function; Arrow’s Impossibility Theorem and the related results.
Unit 13	Choice under Uncertainty: The von-Neumann-Morgenstern axioms and expected utility theory, risk aversion, portfolio choice.
Unit 14	General Equilibrium Analysis: Barter, Core of Exchange economy, Market exchange, General equilibrium models of exchange and production, Existence of competitive equilibria, Competitive equilibrium as Core allocation Uniqueness and Stability of Competitive equilibrium, Comparative statics.

READINGS:

1. MODERN MICROECONOMICS by KOUTSOYIANNIS A, MACMILLAN
2. MICROECONOMIC ANALYSIS by VARIAN, H, W. W NORTON & COMPANY
3. MANAGERIAL ECONOMICS by DOMINICK SALVATORE, RAVIKESH SRIVASTAVA, OXFORD UNIVERSITY PRESS

Course code	DEEC0526	Course Title	MACROECONOMIC THEORY AND ANALYSIS-I
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: describe the fundamental premises of macroeconomic theory.

C02: classify the macroeconomics variables in context of various sector of economy.

C03: appraise the concept of national income using different methods.

C04: evaluate the interplay of various sector of economy and government interventions.

C05: integrate the role of banking and government in stabilizing economic system.

Unit No.	Content
Unit 1	Introduction to Macroeconomics: definition of macroeconomics, origin and growth, classical and Keynesian views and some related concepts used in macroeconomics
Unit 2	Circular Flow of Income: circular flow of income in two sector economy, circular flow of income in three sector economy, circular flow of income in four sector economy
Unit 3	National Income: introduction to concept of national income, productive vs non- productive activities, final vs intermediate activities, national income at factor cost and at market prices, measurement and difficulties
Unit 4	Theories of Income, Output and Employment: classical model, Say's law of market, labor market, product market and money market in classical.
Unit 5	Theories of Income, Output and Employment: Keynesian model, Principle of effective demand, labor market, product market and money market in Keynesian
Unit 6	Consumption Function: propensity to consume- APC and MPC, Keynes psychological law of consumption
Unit 7	Income- consumption relationship: absolute income hypothesis, relative income hypothesis, permanent income hypothesis, life cycle income hypothesis
Unit 8	Investment: meaning, types, factor affecting investment, marginal efficiency of capital and investment
Unit 9	General Equilibrium of economy: Derivation of IS-LM model, Extension of IS-LM model with government sector
Unit 10	Money: Introduction, types of money, functions of money, demand for money
Unit 11	Money Supply: introduction to supply of money, determinants, measures of money supply, money and mechanics of money supply expansion, high- powered money
Unit 12	Theories of Demand for money: Classical approach, Keynesian approach., Friedman approach
Unit 13	Concept of Multiplier: importance, working and leakages, static and dynamic multiplier, criticism
Unit 14	Balance of Payment: meaning, types of account, causes of disequilibrium in balance of payment, measures to correct disequilibrium in balance of payment

READINGS:

1. PRINCIPLES OF MACROECONOMICS by MANKIW, GREGORY, CENGAGE LEARNING
2. MACROECONOMIC ANALYSIS by SHAPIRO, EDWARD, GALGOTIA PUBLICATIONS
3. MACROECONOMICS by ANDREW ABEL, BEN BERNANKE, DEAN CROUSHORE, PEARSON

Course code	DECAP145	Course Title	FUNDAMENTALS OF INFORMATION TECHNOLOGY		
			WEIGHTAGE		
			CA	ETE(Th.)	ETE (Pr.)
			30	40	30

Course Outcomes: Through this course, students will be able to

C01: understand basic concepts and terminology of information technology.

C02: have a basic understanding of personal computers and their operations.

C03: understand various software and hardware, various security issues.

C04: familiarize students with complete fundamentals and the packages commonly used in computing software.

C05: gain writing skills and various presentation aspects using word processing software.

Unit No.	Contents
Unit-1	Computer Fundamentals: Characteristics & Generation of Computers, Block diagram of Computer. Application of IT in various sectors. Data Representation: Binary Number System Octal, Hexadecimal, decimal and their Conversion.
Unit-2	Memory: Types, Units of memory, RAM, ROM, Secondary storage devices–HDD, Flash Drives, Optical Disks: DVD, SSD I/O Devices –Keyboard, Mouse, LCDs, Scanner, Plotter, Printer & Latest I/O devices in market
Unit-3	Processing Data: Transforming data in to information, how computers represent data, How computers process data, Machine cycles, Memory, Registers, The Bus, Cache Memory
Unit-4	Operating Systems: operating system basics, Purpose of the operating system, types of operating system, providing a user interface, Running Programs, Sharing Information, Managing Hardware, Enhancing an OS with utility software.
Unit-5	Data Communication: Local and Global reach of the network, Digital and Analog Transmission, Data communication with standard telephone lines and Modems, Using Digital Data Connections, Wireless networks
Unit-6	Networks: Sharing data any time anywhere, uses of a network, Common types of a network, Hybrid Networks, how networks are structured, Network topologies and Protocols, Network Media, Network Hardware
Unit-7	Graphics and Multimedia: Understanding graphics File Formats, Getting Images into your Computer, Graphics Software, Multimedia Basics
Unit-8	Data Base Management Systems: The Database, The DBMS, Working with a database, Data bases at Work, Common Corporate Database Management Systems
Unit-9	Software Programming and Development: What is computer Program, Hardware/Software Interaction, planning a Computer Program, how programs Solve Problems
Unit-10	Programming Languages and Programming Process: Categories of Programming Languages, Machine and Assembly Language, Higher Level Languages, WWW development languages, The SDLC of Programming
Unit- 11	Internet: Basic Internet terms: Web Page, Website, Homepage, Browser, URL, Hypertext, ISP, Web Server, HTML, DHTML, XML, Introduction to client side and server side scripting. Applications: WWW, e-mail, Instant Messaging, Internet Telephony, Video conferencing, Web Browser & its environment

Unit- 12	Understanding The Need of Security Measures: Basic Security Concepts, Threats to Users, Threats to Hardware, Threat to Data, Cyber Terrorism. Taking Protective Measures: Keeping your System Safe, Protecting Yourself, protecting your Privacy, Managing Cookies, Spy ware and other BUGS, keeping your data secure, Backing Up data, Safeguarding your hardware
Unit-13	Cloud Computing and IoT: SaaS, PaaS, IaaS, Public and Private Cloud; Virtualization, Virtual Server, Cloud Storage, Database Storage, Resource Management, Service Level Agreement, Basics of IoT and its applications.
Unit-14	Futuristic World of Data Analytics: Introduction to Big data and Analysis Techniques: Elements, Variables, and Data categorization Levels of Measurement, Data management and indexing, Introduction to statistical learning and overview of various tools used for data analysis.

LABORATORYWORK:

1. Hardware familiarizing with various I/O Peripheral devices, storage devices.
2. Familiarity with DOS, Implementing various internal and external commands in DOS.
3. MS Windows: Familiarizing with windows operating system; using built-in accessories; managing files and folders using windows explorer; working with control panel; installing hardware and software.
4. MS-Office (or any other Office Suite), meaning and features, its components.
5. MS-Word (or any other word processor): Creating Document Files, Saving, Closing Files, Page Settings and Formatting Text. Spell Checking, Thesaurus, Creating Tables, Adding rows, columns. Printing Documents, Setting Print Settings, creating labels and mail merge, taking Print outs
6. Ms-Excel-Working with worksheet, formulas & functions, Inserting charts, Printing in Excel
7. MS Power Point-Views, Designing, viewing, presenting & Printing of Slides.
8. Internet: Navigating with Internet Explorer; surfing the net, using search engines; using email facility.

READINGS:

1. FUNDAMENTAL COMPUTER CONCEPTS by WILLIAM S DAVID
2. FUNDAMENTAL COMPUTER SKILLS by FENG-QI LAI, DAVID R. HOFMEISTER

Course code	DEECO604	Course Title	INDIAN ECONOMIC DEVELOPMENT
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

CO1: examine a comprehensive understanding of the current issues influencing economic development of India.

CO2: impart the understanding of critical concerns of Indian economy.

CO3: application of economic theory in the context of India.

CO4: develop the analytical skills amongst students relating with core economic debates in the context of India.

CO5: interpret the role and impact of foreign trade and investment in Indian economy.

Unit No.	Content
Unit 1	Indian economy since independence: trends and composition of national income, changes in agriculture and industrial sector, strategies of self-reliance on import substitution and protection
Unit 2	Human development: human development index, characteristics of developing world, Millennium Development Goals and Sustainable Development Goals in India, state of human development in India
Unit 3	Cooperative federalism: evolution of planning, role and functions of Niti Aayog, role of centre and state, macroeconomic crisis, post 1991 structural and financial sector reforms
Unit 4	Demographic constraint: India's demographic transition, India's demographic dividend, structural constraint in economic growth, sustainable development and climatic changes
Unit 5	Poverty and inequality in India: periodisation of Indian growth experience, causes of poverty, poverty alleviation programmes, inequality after economic reforms
Unit 6	Unemployment in India: unemployment, labour market reforms and skill development in India
Unit 7	Agriculture sector: agriculture growth, green revolution in India, factors affecting the agriculture growth, rural development programmes including poverty alleviation programmes
Unit 8	Agricultural policy: land reforms, agriculture price policy, food subsidy and public distribution system, food security and food security bill
Unit 9	Industrial development: industrial policy reforms, CCI and MRTP act, industrial policy in 12th five year plan, privatisation and disinvestment, role of small and medium enterprises
Unit 10	Services sector: growth and sectoral shares in service sector, India's service trade, FDI in India's service sector, liberalisation of services in India
Unit 11	Fiscal policy: 14th finance commission, financial powers of the states, financial aspects of 73rd and 74th constitutional amendments, foreign responsibility and budget management act
Unit 12	Foreign trade: impact of import substitution and export promotion, balance of payment, foreign exchange reserves, India and WTO
Unit 13	Monetary Policy: Reserve Bank of India and its functioning, various policy rates of the RBI, the reports of various Monetary Policy Committees
Unit 14	Structural Reforms of the Indian Economy: Features of Economic reforms and structural adjustment programme: Liberalization, Privatization and Globalization, appraisal of Economic reform programme

READINGS:

1. INDIAN ECONOMY PERFORMANCE AND POLICIES by UMA KAPILA, ACADEMIC FOUNDATION
2. THE INDIAN ECONOMY by NILANJAN BANIK, SAGE PUBLICATIONS
3. THE INDIAN ECONOMY by DUTT AND SUNDHARAM, S. CHAND & COMPANY

Course code	DEGEN530	Course Title	FUNDAMENTALS OF RESEARCH
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: develop research aptitude and get in-depth understanding of various methods of research.

C02: identify the appropriate research problem and conduct research in an effective way.

C03: understand indexing systems of various journals.

C04: apply ethics of research in writing research paper and dissertation thesis.

C05: understand basics of intellectual property rights.

Unit No.	Content
Unit-1	Basics of research: meaning of research, objectives of research, motivations in research, types of Research
Unit-2	Research approaches, significance of research, research process, criteria of good research, concept of theory: deductive and inductive theory
Unit-3	Literature survey and research gap identification, problem identification as per industrial and societal needs, potential and thrust areas, difference between scientific literature and advocacy literature
Unit-4	Hypothesis: qualities of a good hypothesis, null hypothesis and alternative hypothesis, use of databases, search engines and research gateways, framing of timeline/Gantt chart
Unit-5	Types and classification of journals, journal indexing, role of indexing in defining the quality of journal
Unit-6	Journal citation indices, h-index, h5-index, h5-median, g index, i-10 index, almetrics, JIF, JIF percentile, cite score, SJR, SNIP and eigen factor
Unit-7	Research paper review process, citation, self-citation, funding agencies, Manupatra, academic social networks: google scholar, academia research gate etc
Unit-8	Objectivity and subjectivity in research, integrity, carefulness, openness, respect for intellectual property, confidentiality, social responsibility, competence, legality and informed consent
Unit-9	Definition of Plagiarism, use of turnitin/ithenticate software, role of referencing/bibliography in handling plagiarism, penalties and consequences, University Grants Commission's (UGC) policy for curbing plagiarism
Unit-10	Research writing including research paper, research proposal, review writing, thesis writing, Microsoft word (grammar checking, formatting of documents, incorporating references), reference styles
Unit-11	Poster preparation, coherence of the ideas, use of theory, Microsoft power point (creation of posters, slides for seminar/talk)
Unit-12	Introduction to intellectual property rights concept and theories kinds of intellectual property rights, introduction to patents, patent act 1970 – amendments of 1999, 2000, 2002 and 2005
Unit-13	Copyright and neighboring rights concept and principles, historical development of the concept of trademark and trademark law-National and International
Unit-14	International regime relating to IPR TRIPS and other Treaties (WIPO, WTO, GATTS)

READINGS:

1. RESEARCH DESIGN QUALITATIVE, QUANTITATIVE, AND MIXED METHODS APPROACHES by JOHN W. CRESWELL, SAGE PUBLICATIONS INTELLECTUAL PROPERTY RIGHTS (IPRS) by E. T. LOKGANATHAN, NEW CENTURY PUBLICATIONS
2. RESEARCH METHODOLOGY: METHODS AND TECHNIQUES by KOTHARI C R, GARG, GAURAV, NEW AGE INTERNATIONAL
3. AN INTRODUCTION TO INTELLECTUAL PROPERTY RIGHTS by J P MISHRA, CENTRAL LAW PUBLICATION
4. THE PRESENTATION BOOK, 2/E: HOW TO CREATE IT, SHAPE IT AND DELIVER IT! IMPROVE YOUR PRESENTATION SKILLS NOW PAPERBACK by EMMA LEDDEN, PEARSON

Course code	DEECO529	Course Title	MICROECONOMICS THEORY AND ANALYSIS - II	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

CO1: understand the firm's behavior in different market structure and its role in determining those structures.

CO2: comprehend the consumer's inter-temporal choices and risk involved in it.

CO3: analyze the different government policies aimed at improving welfare and avoiding market failure.

Unit No.	Content
Unit 1	Theories of Distribution: Marginal Productivity Theory, Product Exhaustion Theorem, Factor shares and technical progress.
Unit 2	Modern Theory of Distribution: Determination of rent, Determination of wages, Determination of profit
Unit 3	Macro Theories of Distribution: Ricardian Theory, Marxian Theory, Contribution of Kalecki.
Unit 4	The Economics of Welfare: Individual and social welfare, Pigou's concept of welfare, Role of Value Judgment, Problem of welfare maximisation, Social justice and social optimum
Unit 5	Criteria for welfare improvement: Conditions for Pareto optimality, General ethical criterion, Kaldor's criterion
Unit 6	The problem of Market Failure and Externality: Definition of Externality, Positive and Negative Externality, Methods of solving problems of externalities, Taxes and subsidies, Property Rights, Direct government regulation.
Unit 7	Tragedy of Commons: Imperfections, Public goods and free rider problem, Theory of Second Best, Implications of second best theory
Unit 8	Meaning of general equilibrium: Interdependence of markets, Partial vs general equilibrium approach.
Unit 9	Approaches to general equilibrium: Classical, Neo Classical, Input and Output approaches
Unit 10	Stability and uniqueness of general equilibrium: Consumption without production (pure exchange) bargaining existence, Stability and uniqueness of equilibrium.
Unit 11	Production without consumption: in one sector model, Production without Consumption: Relationship between output mix and real factor prices.
Unit 12	Effect of changes in factors supply: in closed economy (Rybozynski Theorem), Relationship between relative commodity and factor prices, General Equilibrium and Pareto optimality
Unit 13	Decision Making Under Uncertainty: The Expected Utility Theorem; Money Lotteries; Measure of Risk aversion; Comparing Risk aversion; Comparison of risky alternatives, Insurance.
Unit 14	Market Structure: Meaning and determinants. Sellers' and Buyers' concentration; Product differentiation; entry conditions; economies of scale; market structure and innovation.

READINGS:

1. MICROECONOMICS by H GRAVELLE AND R REES, PEARSON
2. MODERN MICROECONOMICS by A KOUTSOYIANNIS, MACMILLAN
3. ADVANCED ECONOMIC THEORY by H.L. AHUJA, S. CHAND & COMPANY
4. MICROECONOMIC THEORY by MICHAEL D. WHINSTON, JERRY R. GREEN AND ANDREU MAS-COLELL
OXFORD UNIVERSITY PRESS

Course code	DEECO530	Course Title	MICRO MACROECONOMICS THEORY AND ANALYSIS - II	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

C01: understand the contemporary macroeconomic policies and issues.

C02: analyze and appreciate current macroeconomic changes in the light of modern macroeconomic theories.

C03: interpret the neo economic growth models in parlay with modern macroeconomic dynamics.

Unit No.	Content
Unit 1	The Classical System: the classical revolution, production employment and labor supply, equilibrium output and employment.
Unit 2	Quantity theory of money: Cambridge approach, the classical aggregate demand curve, the classical theory of interest rates, policy implications of the classical equilibrium model
Unit 3	The Keynesian System: the Keynesian aggregate demand schedule, demand schedule combined with the classical theory of aggregate supply, a contractual view of the labor market, labor supply and variability in the money wage, the effects of shifts in the aggregate supply schedule, Keynesian vs Classics
Unit 4	Inflation and Unemployment: Seigniorage, Inflation and interest rates, nominal interest rate and demand for money, social costs of inflation and hyper-inflation, frictional and structural unemployment, labour market experience in the US and Europe
Unit 5	The Monetarist Counterrevolution: monetarist propositions, the reformulation of the quantity theory of money, fiscal and monetary policy, unstable velocity and declining policy influence of Monetarism.
Unit 6	Output Inflation and Employment: the natural rate theory, monetary policy, output and Inflation, a Keynesian view of the output-inflation trade-off, evolution of the natural rate concept.
Unit 7	New Classical Economics: the new classical position, broader view of new classical position, the Keynesian counter critique
Unit 8	Real business cycles and New Keynesian Economics: macroeconomic policy in a real business cycle model, new Keynesian Economics
Unit 9	Optimal Monetary and Fiscal Policies: targeting monetary aggregates or interest rates, the relative merits of two strategies, changes in central bank institutions, taylor rule, the goals of macroeconomic policy and policy makers, fiscal policy controversies
Unit 10	The Open Economy: balance of payments, market for foreign exchange, the current exchange rate system, mundellfleming model, imperfect and perfect capital mobility
Unit 11	Alternative Perspectives on Stabilization Policy: choice between active and passive policy, policy by rule or discretion, making policy in an uncertain world.
Unit 12	Government Debt and Budget Deficits: the size of the government debt, problems in measurement, traditional and Ricardian views of government debt, other perspectives.
Unit 13	Opportunities and Dangers in the Financial System: dealings of the financial system, financial crisis, the four most important lessons of macroeconomics
Unit 14	Stochastic divergence equations; Markov processes; Dynamic Programming, Complete Markets; sequential trading and Arrow securities; Recursive competitive equilibrium; examples of incomplete markets.

READINGS:

1. MACROECONOMICS: THEORIES AND POLICIES by RICHARD T. FROYEN, PEARSON
2. MACROECONOMICS by N. GREGORY MANKIW, WORTH PUBLISHERS

Course code	DEQT501	Course Title	MATHEMATICS FOR ECONOMISTS
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: solve fundamental problems in both macroeconomics and microeconomics using mathematical tools.

C02: calculate economic problems through calculus.

C03: articulate optimization tools to describe feasible choices and to find best solution in the choices available.

C04: analyze the economic models like IS LM curve, growth function and logistic function mathematically.

C05: estimate the application of mathematical tools for conducting research in empirical economics.

C06: evaluate the empirical economic problems through mathematical application.

Unit No.	Content
Unit 1	Function: concept of function, types of function, domain, range and limits basics, inclination and slope, logarithmic and exponential function, homogenous function, cobb douglas production function, cost functions and production functions
Unit 2	Basic Real Analysis: in normed spaces, notions of open, closed and compact sets, continuous functions, their optima and their existence. Notions of differentiability of mappings between Euclidean spaces, chain rule, higher order derivatives. Implicit and inverse function theorem, comparative statics.
Unit 3	Quadratic Equations: Introduction, Properties of Roots: Types of roots (Real and Imaginary), Sum of roots, product of roots, Solving Quadratic Equations using properties of roots, Solution of Quadratic Equations
Unit 4	Linear Programming: simplex method, statement of basic theorems of linear programming, formulation of the dual of primal and its interpretation, shadow prices and their uses, formulation of linear programming through graphical method, duality
Unit 5	Maxima and Minima: minimization of cost, maximization of revenue, profit maximization under monopoly, duopoly, bilateral monopoly, economic order quantity, transactions demand for money, law of equi-marginal utility, problem of maxima and minima in single and multivariable function, constrained and unconstrained optimization problems
Unit 6	Matrices: Introduction to matrix, Types of matrix, Addition and subtraction of matrix, Multiplication of matrices, Determinants, Inverse of matrices, Solution of equations using matrices
Unit 7	Input-Output Analysis: introduction, assumptions, Leontief open and closed systems, Hawkin Simon conditions, general equilibrium system, equilibrium prices:3 industry case, multiple chain: economic interpretation of leontief inverse
Unit 8	Differential calculus: functions of one variable: differentiation and rules of differentiation, implicit differentiation, logarithmic differentiation, point elasticity and elasticity of substitution, production function and marginal revenue product, output elasticity and aggregate demand, logistic function, rate of growth, implicit functions and policy models, IS-LM equations
Unit 9	Differential calculus: functions of two or more variable: partial derivatives, Euler's theorem, maxima and minima: stationary points, pure competition, monopolist producing two commodities, discriminating monopolist
Unit 10	Integration: concept, simple rules of integration, indefinite integral, integration by substitution, integration by parts, integration by partial fractions, irrational functions,

	consumer surplus, producer surplus, propensity to consume and the consumption function, the learning curve, Ginni coefficient, pareto income distribution, capital formation, relation between capital and investment
Unit 11	Differential and difference equations: solution of first order and second order equations, applications in trade cycle models, growth models and lagged market equilibrium models, Cobcueb model, effect of public prediction on market stability, Samuelson multiplier acceleration model, Duesenberry multiplier accelerator model of income determination
Unit 12	Linear Algebra: matrix: types, properties of determinants, inverse of matrix, solution by crammer's rule and matrix inverse method, linear independence and dependence of vectors, characteristic roots and vectors, quadratic forms: application of matrix in input- output analysis.
Unit 13	Optimization: characterisations of differentiable concave and quasiconcave functions, characterisation of interior optima, lagrange characterisation of optima subject to equality constraints, karush-john-kuhn-tucker characterisation of optima subject to inequality constraints.
Unit 14	Trigonometric Functions: Introduction to Angles, Relation between Radian and Degree, Sign of Trigonometric Functions in different Quadrants, Basic trigonometric function (excluding geometrical function)

READINGS:

1. MATHEMATICS AND STATISTICS FOR ECONOMICS, 2/E by G S MONGA, VIKAS PUBLISHING HOUSE
2. MATHEMATICS FOR STUDENT OF ECONOMISTS by AGGARWAL, C.S AND JOSHI, R.C, NEW ACADEMIC PUBLISHERS
3. MATHEMATICAL ANALYSIS FOR ECONOMISTS by RGD ALLEN, MACMILLAN

Course code	DEMG832	Course Title	RESEARCH METHODOLOGY
			WEIGHTAGES
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course, the student will be able to

CO1: identify critical thinking and scientific approaches to formulate research problems.

CO2: describe research design approaches, methods and conceptual differences to apply across different research contexts.

CO3: generalize familiarity with a phenomenon or to achieve new insights into it.

CO4: interpret results generated from data analysis and report the findings.

Unit No.	Content
Unit 1	Background of research- Developing research proposals, research paradigms- contributions of research to theory and practice and research ethics
Unit 2	An introduction to research- Meaning, process, defining, research problem: selection, understanding and necessity of defined problem, research design, need and types of Research Design
Unit 3	Reviewing literature- Identifying, accessing and managing sources of information and scholarly literature, academic writing and referencing and steps in literature review development
Unit 4	Types of data in research- Primary and secondary data and sources, nature of qualitative and quantitative research, data and variables used in qualitative and quantitative methods, writing up qualitative research
Unit 5	Sampling design- Sampling design process, characteristics of good sample, types of sampling design, sampling techniques- random and non-random
Unit 6	Measurement and scaling technique: Tools of sound measurement, techniques of developing measurement tools, scaling meaning and important scaling techniques, statistical properties of different scales
Unit 7	Data collection methods- Observation, experimentation and survey methods, questionnaire: introduction, design process and coding the questionnaire
Unit 8	Descriptive statistics and time series- Measures for central tendency- ungrouped and ungrouped data, dispersion and distribution, index number and time series analysis
Unit 9	Hypothesis testing- Hypothesis definition and process, types and hypothesis testing procedure for t and z tests differences for single, two populations and paired sample
Unit 10	Test of association- Correlation coefficient- Spearman rank and Karl's Pearson and test of association between nominal data- Chi-square test
Unit 11	Analysis of Variance (ANOVA) and prediction techniques- Analysis of variance for mean difference, reliability and validity, bivariate regression and multiple regression analysis
Unit 12	Multivariate analysis- Classification, important methods of factor analysis, factor analysis procedure, rotation in factor analysis, overview of cluster analysis, discriminant analysis, multi-dimensional scaling and conjoint analysis
Unit 13	Reporting a quantitative study- Technique and precaution of interpretation, significance of report writing, layout and types of report
Unit 14	Writing research proposals- Purpose, nature and evaluation-Content and format- Practical considerations-timelines, budgets, supervision management- Presentation and defense of proposals

READINGS:

1. BUSINESS RESEARCH METHODS by NAVAL BAJPAI, PEARSON
2. MARKETING RESEARCH by NARESH K MALHOTRA, PEARSON
3. MARKETING RESEARCH: TEXT AND CASES by NARGUNDKAR, R., MCGRAW HILL EDUCATION

Course code	DEECO606	Course Title	INTERNATIONAL ECONOMICS
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

CO1: analyze the basic concepts and theories of international trade.

CO2: examine the different economic models based on specialization and export-orientation in the real world.

CO3: assess the role of international trade, gains from trade, trade patterns, exchange rates.

CO4: analyze the trade and commercial policies including protectionism and liberalism.

CO5: evaluate the role of international financial systems and foreign exchange markets.

CO6: assess the price adjustment mechanism in the context of stabilization policy.

Unit No.	Content
Unit 1	Introduction: importance of international economics, international trade and nation's standard of living, subject matter of international economics, purpose of international economics theories and policies, current international economic problems
Unit 2	International trade theory: mercantilists view on trade, trade based on absolute and comparative advantage, comparative advantage and opportunity cost, factor endowment and Hecksher - Ohlin theory, Stolper - Samulson theorem, Leontief paradox and factor reversal
Unit 3	Kravis and linder theory of trade: role of dynamic factors, i.e. changes in tastes, technology and factor endowments in explaining the emergence of trade; rybnzynski theorem – concept and policy implications of immiserizing growth; causes of emergence and measurement of intra industry trade and its impact of developing economies.
Unit 4	Gains from trade and terms of trade: gains from trade, distribution of gains, special gains to small countries, disadvantages and trade, meaning and types of terms of trade, Mill's doctrine, offer curves and equilibrium terms of trade, effects of change in demand and supply, problems of measurement of terms of trade
Unit 5	Trade restrictions: meaning of tariff, partial equilibrium analysis of a tariff, theory of tariff structure, general equilibrium analysis of a tariff in a small country, optimum tariff, non-tariff trade barriers and new protectionism, political economy of protectionism
Unit 6	Rationale for protection: Infant industry argument; concept of effective protection; political economy of Non-Trade Barriers (NTB). Regionalism versus Multilateralism; regional integration among developing countries-SAARC; import substitution and industrialization
Unit 7	The political economy of non-tariff barriers and their implications: nominal, effective and optimum rates of tariffs – their measurement, impact and welfare implications
Unit 8	Balance of payments: introduction, balance of payment accounting principles, accounting balances and disequilibrium in international transactions
Unit 9	Exchange rates determination: introduction, purchasing power parity theory, monetary approach to the balance of payment and exchange rates, asset market model and exchange rates, exchange rate dynamics
Unit 10	Foreign exchange markets: functions, foreign exchange rates, spot and forward rates, foreign currency swaps, futures and options, foreign exchange risk, hedging and speculation
Unit 11	Price adjustment mechanism: adjustment with flexible exchange rates, effect of exchange

	rate changes on domestic prices and the terms of trade, stability of foreign exchange markets, elasticities in real world
Unit 12	International monetary system: introduction, bretton woods system, operation and evolution of the bretton wood system, international monetary system: present and future
Unit 13	Emerging international monetary system with special reference of post-maastricht developments and developing countries: reform of the international monetary system, India and developing countries; portfolio and foreign direct investments; international debt crisis. UNCTAD / IMF: need, adequacy and determinants of international reserves; conditionality clause of IMF and World Bank and Asian Development Bank - their achievements and failures; WTO and World Bank from the point of view of India.
Unit 14	Forms of economic cooperation: reforms for the emergence of trading blocs at the global level; static and dynamic effects of a custom union and free trade area; rationale and economic progress of SAARC / SAPTA and ASEAN regions, problems and prospects of forming a custom union in the asian regionalism (EU, NAFTA); multilateralism and WTO; theory of short-term capital movements and east-asian crisis and lessons for developing countries.

READINGS:

1. INTERNATIONAL ECONOMICS by DOMINICK SALVATORE, WILEY
2. INTERNATIONAL ECONOMICS by FRANCIS CHERUNILAM, MC GRAW HILL

Course code	DEECO538	Course Title	ENVIRONMENTAL ECONOMICS	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

C01: analyse how and why environmental problems can be modelled as cases of market failure/externalities.

C02: evaluate the advantages and disadvantages of various environmental policies.

C03: critically discuss the characteristics and properties of measures of benefits and benefit estimation procedures and their applicability to specific situations.

C04: define the basic conditions of the optimal use of renewable and exhaustible resources.

C05: evaluate cost-benefit analysis procedures intended to address issues related to preservation and conservation.

C06: analyse environmental policies as applied to water and air pollution, energy and climate change related issues.

Unit No.	Content
Unit 1	Introduction to Environmental Economics: introduction scope environmental segment, relationship between environment and the economy common property resources and their depletion, ecosystem and it's conservation loss of biodiversity, concept of sustainable development laws of thermodynamics
Unit 2	Environmental Problems of Industrial Development: water, air and noise pollution, depletion of ozone layer and carbon credit market Kyoto protocol, environment friendly size of firm, special economic zones and the environment
Unit 3	Environmental Problems of Agriculture Development: salinity, water logging excess use of water desertification of land, effects and hazards of using chemical fertilizer and pesticides, cropping pattern-natural farming, environment conserve education and awareness among farmers, causes and impacts of forest depletion importance of social forestry
Unit 4	Social Choice: How Much Environmental Protection: social choice from individual values, social choice mechanism, pareto criterion and potential pareto improvement, compensation principles (Kaldor hicks), social welfare functions, arrows impossibility theorem
Unit 5	Efficiency and Markets: efficiency in the exchange of good and bad, efficiency in production, first and second welfare theorem, consumer and producer surplus, cost benefit analysis
Unit 6	Market Failure: introduction to public goods, pricing of private and public goods, Lindahl prices, problem of free riding and the tragedy of commons, introduction to externalities-positive and negative and their solution
Unit 7	The Theory of Externalities: pareto optimality and market failure in the presence of externalities; property rights and the Coase theorem
Unit 8	Pigouvian Tax: single polluter and single damage, single polluter and multiple damages, multiple polluter and the equimarginal principle, fees versus subsidy, fees and imperfect competition
Unit 9	Regulating Pollution: emission fee and marketable permits, regulation with unknown cost
Unit 10	Mechanism for Environment Regulation in India: environmental protection laws and their implementation. Micro planning for environment preservation – water sheds joint forest management and self-help groups
Unit 11	Audit, Enforcement and Moral Hazards: moral hazard and dynamics, stock pollutants
Unit 12	Measurements of environmental values – use values; option values and non- use values; valuation methods – methods based on observed market behaviour; hedonic property values

	and household production models
Unit 13	International environmental problems: trans-boundary environmental problems; economics of climate change; trade and environment
Unit 14	Measuring the benefits of environmental improvements: non-market values and measurement methods; risk assessment and perception

READINGS:

1. THE THEORY OF ENVIRONMENTAL POLICY by BAUMOL AND OATES (B&O), CAMBRIDGE UNIVERSITY PRESS (2ND ED.)
2. INTERMEDIATE ENVIRONMENTAL ECONOMICS by CHARLES KOLSTAD, OXFORD UNIVERSITY PRESS

Course code	DEECO528	Course Title	Monetary Theory and Policy
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

CO1: describe the role of financial institutions and its importance in the economy.

CO2: develop the skills to build investment strategy on different financial markets.

CO3: analyze role of money in the economy and the impact of financial market on the macro economy.

CO4: demonstrate analytical and problem-solving skills within money, banking, and financial market disciplines.

Unit No.	Content
Unit 1	Financial system: nature and role of financial system, money and near money, financial intermediate and financial intermediaries, the structure of financial system, functions of the financial sector, equilibrium in financial market
Unit 2	Financial system and economic development: financial system and economic development of India, function of financial system
Unit 3	Commercial banking in India: functions, theories, credit creation, structure, nationalization, objectives, performance and evaluation, balance sheet and portfolio management of banks
Unit 4	Central banking: meaning and functions, techniques of credit control with special reference to India and credit policy in India, central banks and monetary policy in India
Unit 5	Co-operative banks: introduction, origin and growth of cooperative banks, features, types, structure and role of government
Unit 6	Regional rural banks in India: functions and organization of regional rural banks, performance of regional rural banks, problems and challenges of regional rural banks
Unit 7	Risk and financial assets: meaning and types of risk, return on assets, risk—return trade off, violation of securities
Unit 8	Non bank financial intermediaries: definition and types of non -bank financial institutions their growth and impact on India's economic development, measures taken to control their operations
Unit 9	Capital market: instruments, players, trading - primary and secondary market, role of stock exchanges and stock indices, fixed income securities market - structure and trends, government securities market, call money market, treasury bill market
Unit 10	Bonds market: bonds market, trading in government-securities market, interest rate - theories, determinants, dynamics of short term and long term rates,
Unit 11	Structure of bond market: trading in bond market, term structure of interest rates, yield curve, trends, debt securitization and structured products debt in bond market.
Unit 12	Financial market: role and structure of money and capital market, money market, commercial bill market, discount market, government securities market, markets for derivatives- futures and option, types
Unit 13	Derivative Market: uses and pricing derivation and primary and secondary market for securities, stock exchange board of India- the impact on working capital market in India
Unit 14	Insurance market: insurance regulatory and development authority and its role in financial markets, treasury bill market

READINGS:

1. FINANCIAL INSTITUTIONS AND MARKETS by L.M. BHOLE AND JITENDRA MAHAKUD, TATA MCGRAW HILL, INDIA
2. MONEY, BANKING, INTERNATIONAL TRADE AND PUBLIC FINANCE by D.M. MITHANI, HIMALAYA PUBLISHING HOUSE PVT. LTD.
3. INDIAN FINANCIAL SYSTEM by M.Y. KHAN, TATA MCGRAW HILL, INDIA

Course code	DEECO532	Course Title	PUBLIC ECONOMICS	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

CO1: identify and analyse policy problems in public economics.

CO2: understand mechanism for ascertaining public choices and assessing distributive justice in a given system.

CO3: understand recent economic research in the field of public economics.

CO4: analyse the taxation structure, expenditure policies and debt structure of the government.

CO5: understand underlying theories of public economics and the analytical methods used to apply them to public policy research.

CO6: analyse alternative approaches and efficiency, equity motivations for different social spending programs and taxation.

Unit No.	Content
Unit- 1	Social goods: Free Rider Problem, Social goods and market failure, Social goods and efficiency, Efficient provision of private and social goods, Social goods allocation in budget, Mixed goods and merit goods.
Unit- 2	Theory of Public Choice: Public provision for social goods, Public Choice and Fiscal Politics, Direct Democracy Representative Democracy, The Leviathan Hypothesis, Classes and interest groups
Unit- 3	Equity in Distribution: Approaches to distributive justice, Limits to redistribution
Unit- 4	Economics of Taxation: Benefit principle, Ability to pay principle, Taxable capacity, Incidence of taxation, Tax shifting, Division of tax burden, Lindhal's Solution, Optimal taxation
Unit- 5	Indian Tax System: Features and assessment of Indian Tax system, Direct vs indirect taxes, Issues and challenges in Indian tax system, State finances and Local finances, Tax Reform Committees, Task Forces
Unit- 6	Land Markets: Market in land property, Anti-commons and Land Assembly Problem, Compensation-Efficiency Paradox, Economics and Politics of Land Acquisition, Land use regulations
Unit- 7	Public Expenditure: Wagner's Law of increasing state activities, Meaning and Nature, Canons of public expenditure, Theories of public expenditure, Wiseman Peacock Hypothesis, The Critical Minimum Hypothesis, Zero based budgeting
Unit- 8	Government of India Finances: Revenue and Capital accounts, Expenditure Trends, Plan and Non-Plan Expenditure, Deficit financing, Government budgets, Recent Reforms
Unit- 9	Public versus Private Organization: Incentives in Private and Public versus Private organizations; Bureaucrats versus Managers, Multi-tasks, etc.
Unit- 10	Economics of Public Debt: Classification of debt, Burden of public debt, Principles of debt management and Redemption, Fiscal balance and public debt, Deficit financing
Unit- 11	Public Debt in India: Composition of government debt, Causes of growth of public debt, Ownership pattern of Government of India debt, Debt of State governments
Unit- 12	Fiscal Federalism: The Federal set up, Rationale of Fiscal Federalism, Division of functions and financial resources between governments, The problem of financial imbalance, Federal financial adjustment

Unit- 13	Fiscal Federalism in India: Fiscal Federalism under the Constitution, Allocation of functions and resources, Union list State list and concurrent list, Finance Commissions, Fiscal policy and Stability
Unit- 14	Externality: Nature of the Problem; Bilateral versus Unilateral Externality, Remedial Measures - Tax, Liability, and Regulation, Coase Theorem, Ex-ante Regulation versus Ex-Post Liability, Price versus Quantity Regulation, Externality and Land Use Regulations.

READINGS:

1. PUBLIC FINANCE by H.L. BHATIA, VIKAS PUBLISHING HOUSE
2. PUBLIC FINANCE-A CONTEMPORARY APPLICATION OF THEORY TO POLICY by DAVID N. HYMAN, CENGAGE LEARNING
3. PUBLIC FINANCE IN THEORY AND PRACTICE by S.K. SINGH, S. CHAND & COMPANY
4. PUBLIC FINANCE IN THEORY AND PRACTICE by MUSGRAVE. R.A. AND P.B. MUSGRAVE, MCGRAW HILL EDUCATION

Course code	DEECO512	Course Title	ECONOMICS OF DEVELOPMENT
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: evaluate the fundamental economic concepts and theories of developmental economics.

C02: analyze the developmental approaches, policies, and the issues related to the developmental problems that the world community faces in day to day life.

C03: examine the current pattern of development models and relate to the real macroeconomic problems.

C04: analyze the role of markets and private property through applying basic concepts and tools development.

C05: assess of modern economic growth and development, and environmental problems and issues.

C06: apply the different development models which relate to structural transformation includes agricultural transformation, rural-urban interaction/ migration.

Unit No.	Content
Unit 1	Overview of economic development: introduction to development, measurement issues in economic development, factors in economic development, structural features of economic development, objectives of economic development, nature of development economics, capability approach to measure development
Unit 2	Overview of Economic Development (contd.): Stylised facts of growth, Sources of economics growth, economic development and echnological change. Redistribution with growth, measurement of inequality.
Unit 3	Comparative models of development and underdevelopment: human resource development and infrastructure, theories of development classical theory (Smith, Ricardo, Malthus), Rostow's theory of stages of growth, Myrdal's backwash and spread effects
Unit 4	Approaches to Development: Partial theories, vicious circle of poverty Nurkse, Lewis approach of unlimited supply of labor, balanced growth approach, big push approach, unbalanced growth approach, critical minimum effort thesis, nelson's low level equilibrium trap.
Unit 5	Growth models: Harrod-Domar instability of equilibrium, technical progress and economic growth, neo classical growth models, corrected Model of Passinetti, Solow growth models, human capital and economic growth
Unit 6	Dualism-social and technological. Lewis, Ranis and Fei, Jorgenson and Todaro Models. Surplus labour in agriculture - measurement and use. Employment and unemployment in underdeveloped countries.
Unit 7	Strategies of economic growth: Balanced vs. unbalanced growth and their tests, big push and critical minimum efforts thesis
Unit 8	Development policy making: Nature of development planning, role of market and civil society in economic development, development political economy, institution and developmental path, aggregate model, trend and governance reforms.
Unit 9	Measuring Development and Development Gap: Conventional approach physical quality life index, measurement of inequality, theory of demographic transition, population and economic development, indicator and measurement of poverty, concept of inclusive growth with reference to India, Institutions and economic growth

Unit 10	Rural-urban interaction and development: Formal and informal urban sector, rural urban migration, theory of urbanization, role of cities
Unit 11	Agriculture transformation and development: agriculture progress and rural development, economics of agriculture development, improving small scale agriculture, Washington consensus development policy making and the role of the state, agrarian system in development world
Unit 12	Human and social aspects of development: education and health in economic development, human capital approach of development, poverty and human capital, inequality and social welfare, social and private cost benefits of development, Investing in education and health
Unit 13	Capital formation: Two gap theory, domestic and external sources, foreign investment, multinationals, foreign aid, and trade vs. aid, inflation and economic growth. Human capital formation and its utilization.
Unit 14	Proximate Causes of Growth: Human Capital: The Ben Porath model of human capital accumulation; The Nelson-Phelps model of skill-technology complementarity.

READINGS:

1. ECONOMIC DEVELOPMENT by MICHAEL P. TODARO& STEPHEN C. SMITH, PEARSON
2. DEVELOPMENT ECONOMICS by DEBRAJ RAY, OXFORD UNIVERSITY PRESS

Course code	DEECO607	Course Title	TRADE AND DEVELOPMENT
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: evaluate the current trade and financial flows and development strategy.

C02: examine the trade and financial liberalization and its impacts on development.

C03: analyze of the role of international trade and finance capital.

C04: analyze the economic stress and trade tensions among major economic players, currency domination, and related issues.

C05: apply international trade, international finance and trade promotion strategies from national and regional to global level.

C06: assess of the advantages of regional trading blocs, common markets, and economic unions.

Unit No.	Content
Unit-1	Introduction to Scope and Coverage of Trade: Post second world war debate on free trade vs. protectionism, financial flows and development
Unit-2	International Trade and Development Paradigms: Development crisis and globalization as a universal development strategy, export pessimism and inward looking development strategy, combating the crisis in Europe & the USA
Unit-3	International Trade and Sustainable Development: Import substitution vs. export promotion, international trade, pollution and sustainable development
Unit-4	Problems of Trade in Primary Commodities: Prebisch-Singer hypothesis of unequal distribution of gains, critique of secular stagnation of terms of trade,
Unit-5	Trade, Factors of Production and Growth: Unequal exchange, foreign exchange, savings and economic growth, north-south trade
Unit-6	Foreign Direct Investment and Multinational Firms: Targeting sectors for foreign financial capital flows and welfare implications, foreign finance capital and skill formation, interest cut on foreign capital
Unit-7	Trade, Foreign Aid, and Welfare: Trade, foreign aid and welfare, types of foreign aid, macroeconomic and generalized implications of foreign aid
Unit-8	International Labour Mobility and Welfare: Introduction to International labour mobility, trade, poverty and readjustments: overview, host country's problems, various effects of migration, immigration and skill formation
Unit-9	Trade, Poverty, and Readjustments: Effects of trade liberalization on welfare, poverty and trade readjustments, informal sector, trade and poverty, the political economy of trade policy
Unit-10	Regional Trading Arrangements: types of RTAs, causes and consequences of RTAs, development strategy of RTAs
Unit-11	Regionalism and Multilateralism: Static welfare gains and old regionalism, causes of contemporary regionalism, dynamic gains and regional trade blocks, regionalism and multilateralism
Unit-12	TRIPS and Developing Economies: Product standard, parallel imports, innovations and welfare, Trips, innovation and growth
Unit-13	International Outsourcing and off Shoring and Industrialization Strategies: Concepts, measurements and magnitudes of outsourcing and off-shoring, costs-benefits of off shoring and international outsourcing

Unit-14

Exports Processing Zones: Introduction to exports processing zones as development strategy, EPZs and welfare in developing countries

READINGS:

1. INTERNATIONAL TRADE & ECONOMIC DEVELOPMENT by RAJAT ACHARYA & SAIBAL KAR, OXFORD UNIVERSITY PRESS
2. THE WORLD ECONOMY: TRADE AND FINANCE by BETH V. YARBROUGH & ROBERT M. YARBROUGH, CENGAGE LEARNING

Course code	DECAP790	Course Title	PROBABILITY AND STATISTICS		
			WEIGHTAGE		
			CA	ETE(Th.)	ETE (Pr.)
			30	40	30

Course Outcomes: Through this course, students will be able to

CO1: experiment to carry out simple data investigations for categorical variables.

CO2: measure a random variable that describe randomness or an uncertainty in certain realistic situation. It can be of either discrete or continuous type.

CO3: employ the different types of data and choose an appropriate way to display them.

CO4: identify and compare techniques for collecting data from primary and secondary sources, and identify questions and issues involving different data types.

Unit No.	Content
Unit 1	INTRODUCTION TO PROBABILITY: Elements of Set Theory, Sample Space and Probability Measure, Statistical Independence, Conditional Probability, Counting Sample Points, Mutually and pair wise independent events, multiplication theorem of probability for independent events, Baye's theorem.
Unit 2	INTRODUCTION TO STATISTICS AND DATA ANALYSIS: Statistical Inference, Samples, Populations and Experimental Design, Measures of Location: The Sample Mean and Median, Measures of Variability, Discrete and Continuous Data, Statistical Modeling, Scientific Inspection, and Graphical Diagnostics, Graphical Methods and Data Description, General Types of Statistical Studies.
Unit 3	MATHEMATICAL EXPECTATIONS: Definition, expected value of random variable, expected value of function of a random variable, properties of expectations, Various measures of Central Tendency, Dispersion, skewness and Kurtosis for continuous probability distribution, continuous distribution function, Variance, Properties of variance, covariance.
Unit 4	MOMENTS: Chebyshev Inequality, Moments of Two or More Random Variables, Moments of Sums of Random Variables, Moment Generating Function, Properties of moment generating function, cumulants, Raw and central moments.
Unit 5	RELATION BETWEEN MOMENTS: raw moments & central moments, Effect of change of origin and scale on moments, Pearsonian coefficients Measures of skewness, kurtosis.
Unit 6	CORRELATION, REGRESSION AND ANALYSIS OF VARIANCE: Pearson's Correlation coefficient, Spearman's Rank correlation coefficient, Regression Concepts, Regression lines, Multiple correlation and regression, Analysis of Variance- One-way classification and two-way classification.
Unit 7	STANDARD DISTRIBUTION: Binomial, Poisson, Negative Binomial Distribution, Normal Distribution and their properties.
Unit 8	STATISTICAL QUALITY CONTROL: Introduction, Process control, control charts for variables – X and R, X and S charts control, charts for attributes: p chart, np chart, c chart and their applications in process control
Unit 9	INDEX NUMBERS: Learn about the need of index numbers, explain the different methods of constructing index numbers, evaluate the tests for judging the soundness of an index number.
Unit 10	TIME SERIES: Explain about time series, describe components of time series, and define measurement of variations of time series.
Unit 11	SAMPLING THEORY: Sampling Theory, Random Samples and random Numbers, Sampling with and without replacement, sampling distributions, sampling distribution of means, sampling distribution of properties, sampling distribution of differences and sum, standard errors,

	software demonstration of elementary sampling Theory.
Unit 12	HYPOTHESIS TESTING: Definition of hypothesis, interpret statistical procedure of hypothesis testing, use application of hypothesis testing in several business contexts.
Unit 13	TESTS OF SIGNIFICANCE: Based On t, F and Z Distributions: -Student's (t) distribution, definition, properties, critical value of t, Application of t-distribution, Test for single mean, t-test for difference of mean, Fischer Z- transformation, F-statistic, critical value of F distribution, application.
Unit 14	STATISTICAL TOOLS AND TECHNIQUES: Bayesian Concepts, Bayesian Inferences, Bayes Estimates Using Decision Theory Framework, Statistical Tools: Excel, R-Studio and SPSS.

READINGS:

1. FUNDAMENTALS OF MATHEMATICAL STATISTICS by S.C. GUPTA AND V. K. KAPOOR, SULTAN CHAND & SONS (P) LTD.
2. PROBABILITY & STATISTICS FOR ENGINEERS & SCIENTISTS by RONALD E. WALPOLE, PEARSON

Course code	DEFIN546	Course Title	FINANCIAL RISK MANAGEMENT	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: analyse risk through various techniques of risk assessment and performance evaluation in investment management.

C02: evaluate various financial risks involved in business.

C03: estimate risk sensitive capital requirement of banks against operational and liquidity risks.

C04: analyse risk exposure and measurement in hedge funds.

Unit	Content
Unit 1	Portfolio and its constituents: understanding a portfolio, diversification, diversification within an asset class and across asset classes, how much to diversify
Unit 2	Foundation of risk management: risk measurement, absolute versus relative risk, evaluation of the risk measurement process
Unit 3	Portfolio and risk attributes: portfolio construction and risk adjusted performance measurement
Unit 4	Risk models: concept of value at risk (VAR), calculating VAR using historical simulation, calculating VAR using parametric approach, types of financial risk
Unit 5	Firm wide risk management: risk interactions, risk aggregation, concept of economic capital, controlling traders, risk adjusted performance, types of risk
Unit 6	Credit risk management: measurement of credit risk, credit risk versus market risk, drivers of credit risk
Unit 7	Hedge funds: concept of hedge funds, global volume and trade in hedge funds, hedge fund risks, long position and short position in a hedge fund
Unit 8	Hedge fund risk management: hedge fund styles, dealing with hedge fund risks, leverage
Unit 9	Portfolio risk management: risk-adjusted performance measurement, returns based and position based performance attribution, process of risk budgeting, risk measurement of portfolio
Unit 10	Operational risk management: identifying operational risk, managing operational risk, implications of operational risk
Unit 11	Liquidity risk management: assessing asset liquidity risk, indicators of liquidity risk, funding liquidity risk, managing liquidity risk, sources of liquidity risk
Unit 12	Basel accord: Basel II and Basel III accord, on balance sheet and off balance sheet credit risk charge, credit risk mitigation, capital requirement under Basel I
Unit 13	Understanding publicly available portfolios: mutual fund portfolios – debt, equity and multi-asset funds; insurance portfolios – unit linked portfolios, understanding portfolio attributes – standard dev, beta, expense ratio, sharp ratio, R square, tracking error
Unit 14	Regulators and risk management: Role of SEBI, IRDAI, RBI, PFRDA in developing risk management mechanism and safeguarding stakeholder's interest

READINGS:

1. FINANCIAL RISK MANAGEMENT by DUN & BRADSTREET TATA McGraw HILL, INDIA
2. RISK MANAGEMENT AND FINANCIAL INSTITUTIONS by J. C. HULL, WILEY

Course Code	DEHRM619	Course Title	TRAINING AND DEVELOPMENT
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course, the student will be able to

CO1: recognize the process and practices of training and development.

CO2: ability to assess training needs and design training programmes in an organizational setting.

CO3: appreciate the worth of training investment by evaluating the training programmes.

CO4: inculcate the capacity to design and implement training sessions for any organization.

Unit No.	Content
Unit-1	Introduction to Employee Training and Development: Concept of Training and Development, Designing Effective Training, Snapshot of Training
Unit-2	Strategic Training & Development: The Strategic Training and Development Process, Training Need in different Strategies, Marketing of Training function, Outsourcing of training Function
Unit-3	Training need Assessment: Need and Methods of Need Assessment, Need Assessment Process, Scope of Need Assessment
Unit-4	Training Design: Understanding & Developing the Objectives of Training, Considerations in Designing Effective Training Programs
Unit-5	Learning: Learning Process, Learning Theories, Instructional Emphasis of Learning outcomes
Unit-6	Training Modules: Developing training modules including training objectives, lesson plan and learning climate.
Unit-7	Training & Development Methods: On the job and off the job training methods: Lecture method, Simulation, Case-study, special projects, Games, Action Maze, Role Play, Team Building, and Sensitivity Training.
Unit-8	Training Evaluation: Overview of Evaluation Process, Methods of evaluating effectiveness of Training Efforts; Kirkpatrick model of training effectiveness
Unit-9	Problems in Evaluation: Problems of Measurement and Evaluation; Costing of training, measuring costs and benefits of training program, obtaining feedback of trainees; Training issues resulting from the external environment and internal needs of the company
Unit-10	Contemporary Methods of Training including E-learning and Use of technology: Technology's Influence on Training and Learning, Experiential Learning, Computer Based Training, Training for change, Learning Organization, Future trends of training and development
Unit-11	Employee Development: Introduction, Approaches to Employee Development, The Development Planning Process, Company Strategies for providing Development, Types of MDPs, EDPs/Seminars and Conferences

Unit-12	Career Management: Need and Importance of Career Management, Protean versus Traditional Career, Role of Employees, Managers, Human resource managers, and the company in the career Management, Evaluating Career management System,
Unit-13	Career Development: A Model of Career Development, Career paths and developing dual career options, Career portfolio, Balancing work and life
Unit-14	Future Trends: Current trends in Training & Development initiatives, Evaluating Training Outcomes

READINGS:

1. EMPLOYEE TRAINING AND DEVELOPMENT by RAYMOND A NOE, AMITABH DEO KODWANI, MCGRAW HILL EDUCATION
2. EFFECTIVE TRAINING by P. NICK BLANCHARD, JAMES THACKER, PEARSON

Course Code	DEMKT505	Course Title	DIGITAL AND SOCIAL MEDIA MARKETING
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: define social media marketing goals necessary to achieve successful online campaigns.

C02: describe the stages of the social media marketing strategy development process.

C03: develop effective social media marketing strategies for various types of industries.

C04: devise integrated social media marketing strategies using a variety of services, tools, and platforms to accomplish marketing objectives.

C05: analyze the progress in achieving social media goals using a variety of powerful measurement tools, services, and metrics.

Unit No.	Content
Unit 1	Evolution of digital marketing: the digital consumer & communities online, digital marketing landscape
Unit 2	Search Engine Marketing: Pay Per Click (PPC) and online advertising, search engine optimization and search engine marketing
Unit 3	Social media and consumer engagement: Social feedback cycle, social web and engagement, operations and marketing connection
Unit 4	Customer engagement: affiliate marketing & strategic partnerships, Email marketing, Content strategies
Unit 5	Social media marketing plan: planning cycle, observing social media presence, conducting a competitive analysis, setting goals, determining strategies, monitoring
Unit 6	Social listening: importance of social analytics, know your influencers, customer insights
Unit 7	Mobile Marketing: integrating digital and social media strategies
Unit 8	Social media monitoring: tracking, measuring, the net promoter score, return on investment, evaluation, selecting social media monitoring tools
Unit 9	Mobile computing and location marketing: mobile marketing, marketing with mobile computing, location-based social network, marketing with location-based social networks
Unit 10	Engagement on the social web: permission vs. interruption marketing, initial entry strategy: passive vs. active, principles of success, rules of engagement, defining social media marketing ethics, global perspective
Unit 11	Social networks: marketing with social networks, white label social networks, the future of social networks
Unit 12	Publishing blogs: introduction to blogs, everyone is a publisher, marketing benefits of blogging, linking a blog to marketing objectives, creating a content strategy, tips for successful blogging, monitoring the blogosphere
Unit 13	Publishing podcasts and webinars: creating and sharing podcasts, marketing with podcasting, hosting webinars, marketing with webinars and/or podcasts
Unit 14	Sharing photos, images and videos: marketing with photo sharing, marketing with online videos, how to create appealing video content, sharing online videos, encouraging user generated content

READINGS:

1. SOCIAL MEDIA MARKETING by DAVE EVANS & JAKE MCKEE
2. SOCIAL MEDIA MARKETING: A STRATEGIC APPROACH by BARKER ET AL
3. ADVANCED SOCIAL MEDIA MARKETING by TOM FUNK

Course Code	DEENG539	Course Title	ACADEMIC ENGLISH	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

C01: differentiate between a range of authentic academic texts.

C02: observe actively to lectures, presentations and interviews to understand key information.

C03: construct a variety of essays and other assignments.

C04: appraise academic grammar.

C05: apply academic English and vocabulary in professional life.

Unit No.	Content
Unit-1	Academic writing: introduction, texts and academic texts, ways of writing, balanced versus weighted essays
Unit-2	Academic writing: brainstorming and outlining, gathering information, sorting the material
Unit-3	Writing paragraphs: introduction, types of paragraphs, enumeration
Unit-4	Writing paragraphs: exemplification, complex paragraphs, sequence
Unit-5	Writing paragraphs: comparison of items, cause effect in paragraph writing, visuals in paragraph writing
Unit-6	Basics of reports and research papers: introduction, types of reports, format of a report, assessment reports
Unit-7	Basics of reports and research papers: writing a report, understanding the text, data collection, writing a research paper
Unit-8	Basics of reports and research papers: overview of a research paper, selection of a research paper, plagiarism, citing sources, publication sources
Unit-9	Presenting your ideas: purpose of a presentation, components of a presentation, when to read or speak, preparation
Unit-10	Presenting your ideas: before the talk, on the podium, handling questions, strategic planning
Unit-11	Grammar for editing: basic sentences, verbs, nouns, editing a sentence
Unit-12	Grammar for editing: delayed subjects: it, there and what, the long and winding sentence, short sentences, parallelism
Unit-13	Working with words: misleading words, one word for many, complicated words, avoiding metaphors, redundant words
Unit-14	Working with words: linking words, expressing the degree of certainty, capitalization, sexist language

READINGS:

1. A COURSE IN ACADEMIC WRITING by RENU GUPTA, ORIENT BLACKSWAN PVT. LTD.
2. ENGLISH GRAMMAR by RAJEEVAN KARAL, OXFORD UNIVERSITY PRESS
3. OXFORD EAP: A COURSE IN ENGLISH FOR ACADEMIC PURPOSES by EDWARD DE CHAZALAND SAM MCCARTER, OXFORD UNIVERSITY PRESS
4. MLA HANDBOOK by MODERN LANGUAGE ASSOCIATION OF AMERICA, MODERN LANGUAGE ASSOCIATION

Course Code	DEHIS551	Course Title	HISTORY OF INDIA UPTO AD 650	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

C01: analyze the sources and methodologies used to reconstruct ancient Indian history and interpret historical trends.

C02: examine the socio-economic and cultural transformations from the Stone Age to the early farming and urbanization phases.

C03: evaluate the political, economic, and religious developments from the Vedic period to the early Iron Age.

C04: assess the formation and expansion of territorial states, empires, and their administrative, economic, and cultural contributions.

C05: investigate the role of religion, art, architecture, literature, and the status of women in shaping early Indian society.

Unit No.	Content
Unit-1	Reconstructing ancient Indian History: Sources and interpreting historical trends
Unit-2	Stone Age: Hunting-Gathering-Paleolithic, Mesolithic Cultures and Rock Art
Unit-3	Early farming communities: Pastoralism and Incipient farming: Neolithic Revolution and Chalcolithic cultures
Unit-4	Bronze Age- First Urbanisation: Early Harappan, Mature Harappan, Late and Post Harappan Culture, Debate on decline.
Unit-5	Vedic Society: Polity, Economy, Religion- Importance of Vedas in historical reconstruction of Vedic period.
Unit-6	Early Iron Age: Burial Practices, Megalithic culture, Use of Iron and economic development, Social Stratification: beginning of Varna, Ashram and Jati system, Gender, Marriage, Property Rights, Samskar
Unit-7	Janapadas and Mahajanapadas: Territorial states: Monarchical and Republican, Religious Movements: Jainism and Buddhism, Ajivaks and other sects
Unit-8	Towards Empires: Nandas and Mauryas- Kautilya's Arthashastra and Megasthenes's Indica, Nature of State- Centralisation, Foreign relations, Economy, Trade and Trade routes, coinage, art & architecture, Ashoka's edicts and dhamma,
Unit-9	Post-Mauryan Developments: Sungas, Kanvas, Indo-Greeks, Shaka-Pallavas: Society, Polity and Economy
Unit-10	Satvahanas, Shaka-Kshatrapas: State formation, Land grants, Agricultural expansion, Trade and Trade guilds, silk route and coinage
Unit-11	Gupta Dynasty: Political consolidation- extent and structure, Administrative Organisation, Provisional and Feudatory states, Land Grants and Expansion of Agriculture, Religion: Revival of Vedic and Puranic Religious Traditions, Temples, Coinage, Sanskrit literature, Science and Technology, Hunas Invasion
Unit-12	Vakatakas and other dynasties of peninsular India: Land Grants, Art and Architecture, Painting, Society and Religion
Unit-13	Vardhan and other Kingdoms: Harsha, Chalukyas and Pallavas, Extent of Kingdoms, Administration, Religion, Society and Cultural activities, Sangam Age
Unit-14	Status of Women: Family, Marriage and Property rights

READINGS:

1. ANCIENT INDIAN HISTORY AND CIVILIZATION (TRENDS & PERSPECTIVES) by BHATTACHARYYA, MANOHAR PUBLISHERS & DISTRIBUTORS.
2. ANCIENT INDIA: IN HISTORICAL OUTLINE by JHA, D. N., MANOHAR PUBLISHERS & DISTRIBUTORS.
3. INDIA'S ANCIENT PAST by SHARMA, R., OXFORD
4. ASPECTS OF POLITICAL IDEAS AND INSTITUTIONS IN ANCIENT INDIA by SHARMA, R. S., MOTILAL BANARSIDASS PUBLISHERS.
5. ANCIENT INDIA: SOCIAL HISTORY by THAPAR, R., ORIENT BLACKSWAN PVT. LTD.

Course Code	DEPOL525	Course Title	POLITICAL INSTITUTIONS IN INDIA
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course, the student will be able to

CO1: understand the leading institutions of the Indian political system and the changing nature of these institutions.

CO2: assess the laws pertaining to elections and analyse the electoral system of India.

CO3: enumerate the working of the Indian federalism in the constitutional context.

CO4: distinguish the powers and functions of various organs of the government.

CO5: discuss about various constitutional and statutory bodies of India.

CO6: evaluate the functioning of the local government institutions.

Unit No.	Content
Unit-1	Indian National Movement to the Making of the Indian Constitution: Definitions of Constitution, Functions of Constitution, Evolution of the Indian Constitution 1858-1935, The Company Rule (1773-1858), The Crown Rule (1858–1947)
Unit-2	Constituent Assembly: Meaning of Constituent Assembly, Evolution of the Concept of Constituent a Assembly in India, Cabinet Mission Plan and the Formation of the Constituent Assembly, Composition of the Constituent Assembly, Working of the Constituent Assembly, Objective Resolution, Gandhian Ideology, Constitution Assembly Debates, Decision Making in the Constituent Assembly
Unit-3	Philosophy of the Constitution: Key Words in the Preamble, Salient Features of the Constitution, Fundamental Rights, Directive Principles of State Policy
Unit-4	Constitutionalism in India: Democracy, Features of the Indian Democracy, Social Change, Factors of Social Change, National Unity, Separation of Powers, Basic Structure Doctrine, Evolution of Basic Structure Doctrine, Procedure of Amendment
Unit-5	Union executive: President, Powers and Functions of the President, Prime Minister, Council of Ministers
Unit-6	Union Parliament: Composition of the Parliament, Officials of Rajya Sabha, Sessions of Parliament, Functions of Parliament, Parliamentary Committees
Unit-7	Judiciary Part-I: Supreme Court: Jurisdiction and Powers, High Court: Jurisdiction and Powers
Unit-8	Judiciary part -II: Judicial Review, Judicial Activism, Judicial Restraint, Judicial Reform
Unit-9	State executive: Governor, Powers and Functions of Governor, Position and Role of the Governor, Chief Minister, Powers and Functions of Chief Minister, Council of Ministers
Unit-10	State Legislature: Composition of Two Houses, Duration of Two Houses, Membership of State Legislature, Presiding Officer, Sessions of State Legislature, Powers and Functions of the State Legislature, Position of legislative council, Privileges of State Legislature
Unit-11	Federalism in India: Nature and Scope, Centre-State Relations, Federalism with a Strong Central Government, Role of Intergovernmental Coordination Mechanisms in Indian Federalism
Unit-12	Electoral Process and Election Commission of India: Election Commission, Electoral Reforms, Issues in Electoral Politics in India, Electoral Reforms Undertaken, Functioning

	and Reforms of the Local Government Institutions
Unit-13	Constitutional and Statutory Bodies Part -I: Comptroller and Auditor General: Duties and Powers, National Commission for Scheduled Castes: Evolution and Functions, National Commission for Scheduled Tribes: Function and Reports
Unit-14	Constitutional and Statutory Bodies Part -II: National Commission for Human Rights, National Commission for Women, National Commission for Minorities

READINGS:

1. INDIAN GOVERNMENT AND POLITICS by BIDYUT CHAKRABARTY, RAJENDRA KUMAR PANDEY, SAGE PUBLICATIONS
2. THE INDIAN CONSTITUTION: CORNERSTONE OF A NATION by AUSTIN GRANVILLE

Course Code	DESOC515	Course Title	FUNDAMENTALS OF SOCIOLOGY	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: articulate all the methodical concepts to understand the social system and function.

C02: collect information regarding various social units in terms of structural and functional analysis.

C03: examine structural and functional significance of social institution.

C04: innovate ideas to create pathways for the social problems.

C05: apply theoretical understanding in the process of social change and mobilization.

C06: analyse the process of social exclusion and inclusion in terms of policy making and development program.

Unit No.	Content
Unit-1	Introduction to Sociology: Definition, Nature and Importance, Relation of Sociology with other social sciences-Economics, History, Political Science, Psychology and Social Anthropology
Unit-2	Sociology and other Social Studies: Branches of Sociology-Industrial Sociology, Political Sociology, Sociology of Family, Sociology of Education, Medical Sociology, Urban and Rural Sociology
Unit-3	Sociological Imagination: Development of Sociology as a Social Science and Sociological Prospective
Unit-4	Basic Concepts: Society, Community, Association and Institution –Social Groups, Social Structure and function, Role and Status, Social Stratification and Mobility, Social Control, Social process and Social Change.
Unit-5	Sociology of Culture: Culture and Socialization Definition-Features, Elements, Types, Cultural Relativity, Ethnocentrism, Cultural lag, Cultural System & sub-system, cultural change.
Unit-6	Social Institutions: Marriage, Family, Kinship, Religious Institutions, Economic Institution, Educational Institution and Political Institutions
Unit-7	Indian Social Institutions (I): Caste System, Jajmani System, Major religious practices
Unit-8	Indian Social Institutions (II): Indian Agriculture: farmers movements, Primary education, Mid-day meal, privatization of higher education, Research and development
Unit-9	Social Problems (I): Definition, Nature, Cause, Proposals, Legal and Constitutional measures in controlling social problems.
Unit-10	Social Problems (II): Family Disorganisation, Problem of Child Labour, Problem of Aged, Gender issues and Gender problems,
Unit-11	Social Problems (III): Communal Riots, corruption, terrorism, Alcoholism and Drug Addiction, problem of Unemployment, untouchability, population problem, Rural and Urban Problems, Nepotism
Unit-12	Social Change: Meaning Definition, Nature and Importance, Types of Social Change
Unit-13	Social Movement: Peasant movement, Dalit Movement, Backward Classes movement, Social Reform Movement
Unit-14	Social Inclusion and Exclusion: Meaning-Nature-issues and problems of Social Inclusion/Exclusion among Scheduled Caste and Class-Scheduled Tribes, Neo Buddhist movement, Women empowerment

READINGS:

1. SOCIOLOGY: PRINCIPLES OF SOCIOLOGY WITH AN INTRODUCTION TO SOCIAL THOUGHTS by RAO C.N. SHANKAR. S CHAND.
2. FUNDAMENTALS OF SOCIOLOGY by VIDYA BHUSHAN, PEARSON EDUCATION.
3. FUNDAMENTALS OF SOCIOLOGY by GIBERT P. ORIENT BLACK SWAN, THIRD EDITION (2010).
4. FUNDAMENTALS OF SOCIOLOGY by RAJENDRA KUMAR SHARMA, ATLANTIC.1ST EDITION (2013).

Course Code	DECAP792	Course Title	DATA SCIENCE TOOL BOX	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, students will be able to

CO1: understand the concept and need for data science.

CO2: discuss the various phases in the data analytics lifecycle.

CO3: analyze the fundamental areas of study in data science.

CO4: understand the concept of data preprocessing.

CO5: understand the importance of data visualization.

CO6: learn the various data visualization software and libraries.

CO7: understand different types of machine learning techniques.

CO8: use Python for developing machine learning algorithms.

CO9: use various data science tools for developing algorithms.

Unit No.	Content
Unit 1	Data Science Fundamentals: What is Data Science? What is Data? The Data Science Process, Need of Data Science, Global requirement of Data Scientist.
Unit 2	Using Data Science Tool R and RStudio: Installing R, Installing R Studio, RStudio Tour, R Packages, Projects in R
Unit 3	Version Control and GitHub: Version Control, Github and Git, Linking Github and R Studio, Projects under Version Control
Unit 4	Introduction to Python: Variables and expressions, conditional execution (loops, branching, and try/except), functions, Python data structures (strings, lists, dictionaries, and tuples), and manipulating files
Unit 5	Python as Data Visualization: Introduction to Data Visualization, introduction to Matplotlib, Basic Plotting with Matplotlib, importing Dataset, Line Plot, Area Plots, Histograms Bar Charts, Waffle Charts, Word Clouds
Unit 6	Introduction to Rapid Miner: Downloading and Installation of Rapid Miner, Introduction to different modules of Rapid miner interface, working with different sample data in Rapid miner, Working with different sample process in Rapid miner
Unit 7	Introduction to operators in RapidMiner: Introduction to various operators in RapidMiner, working with different data processing operators, Using various filters. Statistical Analysis of sample data.
Unit 8	Introduction to Big Data: Understanding big data concepts and terminology datasets data analysis data analytics descriptive analytics, diagnostic analytics, predictive analytics, prescriptive analytics business intelligence (BI) ,key performance indicators (KPI) big data characteristics volume, velocity ,variety veracity value different types of data :structured data ,unstructured data ,semi- structured data ,metadata case study background history identifying data characteristics volume velocity variety veracity
Unit 9	Business Motivations and Drivers for Big Data Adoption: Business Motivations and Drivers for Big Data Adoption: marketplace dynamics business architecture business process management information and communications technology data analytics and data science digitization affordable technology and commodity hardware social media hyper-connected communities and devices cloud computing internet of everything (IoE) case study example
Unit 10	Introduction to Weka mining tools: Introduction to Weka tool, importing data into Rapid miner

	using different formats of files, Storing and retrieving data using rapid miner.
Unit 11	Data Import and Export in Rapid Miner: Graphical representation of data in rapid miner, Hands on practice problems on data import/export. Identification and removal of duplicates, apply operations for handling meta data like rename or attribute role definition, Identify and remove the missing values in the data set
Unit 12	Data Pre-processing using rapid miner: Apriori method for finding frequent itemset Weka/Rapid miner tool apply data mining pre-processing techniques and methods to large data sets, Hands on practice problems on data pre-processing
Unit 13	Introduction to classification: Introduction to Classification methods, applying model for prediction, Bayesian Classification on new imported data, Bayesian Classification on existed dummy data set, Decision Tree classification on both new and dummy data sets
Unit 14	Introduction to clustering: Introduction to Clustering algorithms, differentiate clustering and classification, K-means clustering, Hierarchical clustering algorithm

READINGS:

1. DATA MINING AND MACHINE LEARNING, A PROGRAMMER'S GUIDE TO DATA MINING, RON ZACHARSKI, 2015.
2. DATA MINING: CONCEPTS AND TECHNIQUES by JAWEI HAN, MICHELINE KAMBER AND JIAN PE, MORGAN KAUFMANN
3. INTRODUCTION TO DATA MINING by PANG-NING TAN, MICHAEL STEINBACH, VIPIN KUMAR, PEARSON

Course Code	DEFIN544	Course Title	CORPORATE VALUATION	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, students will be able to

C01: describe various concepts and principles related to business valuation and their application.

C02: identify the value-relevant information contained within financial statements.

C03: apply earnings capitalization multiples and other common valuation methodologies to value businesses and securities.

C04: Apply principles of pricing and valuation for taking sound Investment decision.

Unit No.	Content
Unit 1	Overview of corporate valuation: Context of valuation, approaches to valuation, process of valuation, corporate valuation in practice, importance of knowing intrinsic value
Unit 2	Cost of capital: Cost of equity, estimating the equity beta of an unlisted company, cost of debt, cost of preference, target weights to determine the cost of capital, weighted average cost of capital
Unit 3	Enterprise DCF model-I: Analyzing historical performance, forecasting performance, forecasting financial statements
Unit 4	Enterprise DCF model-II: Estimating continuing and terminal value, free cash flow to firm, free cash flow to equity, calculate enterprise value and value of equity
Unit 5	Equity DCF model: Dividend discount model, zero growth model, constant growth model, two stage growth model, three stage growth mode, H model
Unit 6	Other DCF models: Free cash flow to equity model, adjusted present value model, economic profit model
Unit 7	Relative valuation-I: Concept, process, steps involved in relative valuation, price-to-earnings multiple, price-to-book value multiple, price-to-sales multiple
Unit 8	Relative valuation-II: EV/EBITDA multiple, EV/EBIT multiple, EV/FCFF multiple, EV/Book Value multiple, EV/ sales multiple, choice of multiple, best practices using multiples, assessment of relative valuation
Unit 9	Other non-DCF approaches: Book value approach, stock and debt approach, strategic approach to valuation
Unit 10	Advanced issues in valuation-I: Valuation of multi-business companies, valuation of companies with subsidiaries, valuation of high growth companies, valuation of banks and insurance companies
Unit 11	Advanced issues in valuation-II: Cross-border valuation, pricing an initial public offer, valuation of intangibles
Unit 12	Mergers and acquisitions: Types of transactions, value creation in mergers and acquisitions, cost and benefit of a merger
Unit 13	Case studies in valuation-I: Bharat hotel company, Bharat heavy electricals limited, Bhoruka power corporation limited
Unit 14	Case studies in valuation-II: Sasken communication technologies, valuation of Infosys brand

READINGS:

1. CORPORATE VALUATION AND VALUE CREATION by PRASANNA CHANDRA, MCGRAW HILL EDUCATION
2. MERGERS & ACQUISITIONS AND CORPORATE VALUATION by MANU SHARMA, WILEY

Course Code	DEHRM615	Course Title	INDUSTRIAL RELATION AND LABOUR LAWS	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

CO1: analyze the nature and importance of employee Relations in India with a reflection of the history of unions in India.

CO2: develop an understanding of the economic, social and political environment and labour force in the Indian context.

CO3 analyze the constitution, laws and issues related to Trade Unions in India.

CO4: evaluate Role of government in Industrial Relations and Social dialogue.

CO5: analyze worker-management cooperation and importance of participation in Industrial Relations.

Unit No.	Content
Unit-1	Introduction to Industrial Relations: Theories and Models and Approaches of Industrial Relations and history of IR in India, Contemporary issues of IR and the Labour Force; Economic, Political and Social Environment of Industrial Relations
Unit-2	Trade Unions: Definition, objectives and legal Framework related to Trade unions in India; Trade Union Act, 1926; Landmark judgments and case laws related to TU; Types, Rights and Issues of TU; Problems confronting TUs; Women in TUs; Managerial Associations; Employer Associations; Paradigm shift in IR policy
Unit-3	Collective Bargaining: Concept, Nature and Legal Framework of CB; Levels of Bargaining and Agreements; Negotiating Techniques and Skills
Unit-4	Role of Government in IR: Types and Levels of Tripartism, Social dialogue and reform process; Bipartism's link with Tripartism Types and Means of government Interventions; Role of State at the State IR Level; Future Role of government
Unit-5	Contract of Employment: Industrial Employment Standing Orders Act, 1946; Test of supervision; Shops and Establishment Act; Inter-State Migrant Workmen Act, 1979; The Contract Labour Act, 1970; Contract Labour Code.
Unit-6	Public Policy and Wage and Reward System: Wage Theories; Wage System in India; The Payment of Wages Act, 1936; Minimum Wages Act, 1948; The payment of Bonus Act, 1965; Profit Sharing and Stock Options; National Wage Policy; Wage Policy at the Company Level; Pay Structures; Contemporary Issues in Wage System
Unit-7	Working Conditions, Safety, Health and Environment: Factories Act 1948, Workers Compensation Act, Employees' State Insurance Act related to social security; Workers Education
Unit-8	Social Security: Medical Care; Safety; Occupational health; Welfare funds; Social security reforms during the period of structural Adjustment; Social Security conventions of ILO
Unit-9	Dispute Resolution: Industrial Conflict, Legal Framework: The Industrial Dispute Act, 1947; Role of labour boards, courts and tribunals; Procedures, power and Duties of Authorities; General prohibition of Strikes and Lockouts; Unfair Labour practices;
Unit-10	Industrial Harmony: Recommendations of National Commission of labour, Guiding framework for sound Labour Management Relations, Labour Administrative Machinery
Unit-11	Employee Participation and Labour-Management Cooperation: Labour participation schemes; Constitutional and Legal framework; Indirect representation versus direct participation; Levels of Indirect Participation; Participation versus Collective Bargaining;

	Suggestion schemes; Quality Circles
Unit-12	Grievance and Discipline Handling: Managing Employee Grievance; Nature and Cause of Grievance; Guiding principles for Grievance procedure; Grievance Procedure; Interest Issues and Rights Issues; Managing Discipline; Different types of approaches; Different types of punishments
Unit-13	HRM and IR in India: Management philosophy and Approaches; Integrative Approaches to Human Resource Management; HRM-IR-HRD
Unit-14	ILO, India and International Labour Standards: ILO & India; The Case of India; Lessons from foreign Unions; OECD guidelines; The road ahead for Indian IR Contemporary issues

READINGS:

1. DYNAMICS OF INDUSTRIAL RELATIONS by MAMORIA, S., MAMORIA, C.B. & GANKAR. (2010), NEW DELHI: HIMALAYA PUBLISHING
2. INDUSTRIAL RELATIONS by VENKATA RATNAM, C.S., & DHAL, M. (2017), OXFORD UNIVERSITY PRESS, INDIA
3. INDUSTRIAL RELATIONS by MONAPPA, A. (2000), NEW DELHI: TATA MCGRAW

Course Code	DEMKT509	Course Title	CONSUMER BEHAVIOR	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: understand the implications of consumer behaviour concepts & theories for businesses and wider society.

C02: discern how individuals and groups influence consumer behaviour, and how marketers utilize this knowledge to help achieve organizational objectives.

C03: analyse the dynamic interplay of internal and external factors influencing consumer behaviour and accordingly develop a marketing strategy.

C04: articulate practical and comprehensive managerial understanding of consumer behaviour.

C05: develop the understanding of marketing regulation, consumer protection act and contemporary issues in consumer behaviour.

Unit No.	Content
Unit 1	Consumer Behaviour and Marketing strategy: consumer behaviour, market strategy and applications of consumer behaviour.
Unit 2	Market Analysis and Consumer Decisions: market analysis components, segmentation strategy and consumer decisions and consumer behaviour models.
Unit 3	Culture and Group influence: cultural and group influence on consumer behaviour, concept of culture, cross cultural marketing strategy, the household life cycle and marketing strategy.
Unit 4	Groups, Reference Group and Diffusion of Innovation: groups, types of groups, reference group influence on consumption process & marketing strategies and diffusion of innovation.
Unit 5	Perception: perception, exposure, attention and interpretation, perception and marketing strategy.
Unit 6	Learning and Personality: memory's role in learning, learning theories, brand image and product positioning, brand equity and brand leverage motivation, personality and emotion.
Unit 7	Motivation and Emotion: motivation theory and marketing strategy use of personality in marketing practice, emotions and marketing strategy.
Unit 8	Attitude and Market Segmentation: attitude, influencing attitude, attitude components and change strategies, market segmentation and product development strategies based on attitudes.
Unit 9	Self-Concept and Consumer Decisions: nature of lifestyle, the VALS system consumer decision process and types of consumer decisions.
Unit 10	Consumer Decision Making Process: process of problem recognition and uncontrollable determinants of problem recognition, marketing strategy and problem recognition, information, alternative evaluation and selection, types and sources of information, consumer decision making and evaluation criteria.
Unit 11	Decision Rules and Attributes of consumers: decision rules for attitude-based choices, attributes affecting retail outlet selection, consumer characteristics and outlet choice, in-store and online influence on brand choice and evaluation criteria.
Unit 12	Post purchase Processes and Dissonance: post purchase processes, post purchase dissonance, product use and non-use, disposition.
Unit 13	Purchase Evaluation and Customer Satisfaction: purchase evaluation, customer satisfaction, dissatisfaction responses, repeat purchase and customer commitment.

Unit 14	Consumer Behaviour and Marketing Regulation: regulation and marketing to children, regulation and marketing to adults, consumer protection act and contemporary issues in consumer behaviour.
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READINGS:

1. CONSUMER BEHAVIOUR- BUILDING MARKETING STRATEGY by DEL I HAWKINS, DAVID LMOOTHERSBAUGH, & AMIT MOOKERJEE, MCGRAW HILL EDUCATION
2. CONSUMER BEHAVIOUR by KUMAR, S. R., SCHIFFMAN, L.G., WISENBLIT J., PEARSON
3. CONSUMER BEHAVIOUR by RAJNEESH KRISHNA, OXFORD UNIVERSITY PRESS.
4. CONSUMER BEHAVIOUR by SCHIFFMAN, L. G., & KANUK, L. L., NEW DELHI, PRENTICE HALL.

Course Code	DEENG514	Course Title	INTRODUCTION TO THE STUDY OF LANGUAGE	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

CO1: identify vowels and consonants in phonetics.

CO2: distinguish between different parts of speech organs, place of articulation and manner of articulation.

CO3: describe syllable and stress patterns in relationship with aspects of connected speech in English language.

Unit No.	Content
Unit 1	Language and Phonetics: introduction to first and second language, introduction to phonetics
Unit 2	Language and Phonetics: meaning and importance of phonetics, difference between phonetics and phonology
Unit 3	The Production of Speech Sounds: introduction to the speech organs, articulators above the larynx
Unit 4	The Production of Speech Sounds: vowels and consonants, long vowels and short vowels
Unit 5	Vowels, Diphthongs, and Triphthongs: introduction to vowels, long vowels, short vowels
Unit 6	Vowels, Diphthongs, and Triphthongs: introduction, diphthongs, triphthongs
Unit 7	Voicing and Consonants: the larynx, respiration and voicing, plosives
Unit 8	Voicing and Consonants: place of articulation, manner of articulation, fortis and lenis
Unit 9	The Phoneme and Phonology: the functioning and patterning of sounds, the phoneme
Unit 10	The Phoneme and Phonology: the phonology, symbols and transcription, minimal pairs
Unit 11	The Syllable and Stress: strong and weak syllables, close front and close back vowels
Unit 12	The Syllable and Stress: syllabic consonants, nature of stress
Unit 13	The Syllable and Stress: levels of stress, placement of stress within the word
Unit 14	Aspects of Connected Speech: rhythm, assimilation, elision, linking

READINGS:

1. LINGUISTICS by CRYSTAL, DAVID, PENGUIN BOOKS INDIA
2. ENGLISH PRONOUNCING DICTIONARY by JONES, DANIEL, CAMBRIDGE UNIVERSITY PRESS
3. ENGLISH PHONETICS AND PHONOLOGY: A PRACTICAL COURSE by ROACH, PETER, CAMBRIDGE UNIVERSITY PRESS
4. MODERN LINGUISTICS: AN INTRODUCTION by VERMA, S.K & N. KRISHNASWAMY, OXFORD UNIVERSITY PRESS

Course Code	DEHIS553	Course Title	HISTORY OF INDIA FROM 650-1200 AD
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: analyze the political, economic, and social transformations in early medieval India through an evaluation of historical sources, regional variations, and patterns of governance.

C02: evaluate the agrarian and urban economies by examining land grants, trade networks, craft guilds, and forms of exchange in different regions.

C03: interpret the complexities of social stratification, caste proliferation, gender roles, and the evolution of educational institutions and everyday life.

C04: examine the development of religious movements, philosophical traditions, and the emergence of regional languages and literature.

C05: assess the artistic and architectural contributions of early medieval India, including temple architecture, cave paintings, and regional stylistic variations.

Unit No.	Content
Unit-1	Interpreting the period: Changing pattern of polity, Economy and Society
Unit-2	Historical Sources: Sanskrit, Tamil and other literatures, Archaeology, Epigraphy and Numismatics
Unit-3	Political Structure and Regional Variations I: Political structure and forms of legitimation, regional variations: Northern and North- Western India
Unit-4	Political Structure and Regional Variations II: Western and Central India, Deccan and South India
Unit-5	Agrarian Economy: Land grants, Agricultural expansion, Agrarian organization, Irrigation and Technology
Unit-6	Urban Economy: Trade and trade-routes, Inter-regional and Maritime trade, Urban settlements, Trade and Craft guilds, Forms of exchange, Coinage and currency, Interest and wages, Traders, Merchants and Craftsmen
Unit-7	Society I: Social stratification, Proliferation of castes, Untouchability, Status of women- Patrilineal society, Marriage, Property rights, Inheritance
Unit-8	Society II: Educational ideas and institutions- Nalanda, Taxila, Vikramshila, Odantpuri, Valabhi and Kashi, everyday life, Migrations and Settlement in new regions
Unit-9	Religion: Bhakti Movement- Saivism, Vaishnavism, other popular religious movements – Tantricism and Other Religions- Jainism, Buddhism, Judaism, Christianity and Islam
Unit-10	Philosophy: Schools of Vedanta and Mimamsa
Unit-11	Literature: Sanskrit, Prakrit, Tamil and Apbhramsha
Unit-12	Rise of Regional Language and Literature: Marathi, Kannada, Telugu and other languages
Unit-13	Art and Architecture I: Temple architecture: Nagara, Dravida and Vesara style
Unit-14	Art and Architecture II: Ajanta, Ellora, Bagh and Kaneri, The Pallava and Chola Architecture

READINGS:

1. A HISTORY OF ANCIENT AND EARLY MEDIEVAL INDIA, FROM THE STONE AGE TO THE 12TH CENTURY by SINGH, UPINDER, PEARSON
2. THE MAKING OF EARLY MEDIEVAL INDIA by CHATTOPADHYAYA BRAJADULAL, OXFORD UNIVERSITY PRESS

Course Code	DEPOL527	Course Title	PUBLIC POLICY AND GOVERNANCE IN INDIA	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: understand the nature and scope of public policy and administration in India.

C02: assess the major problems and complexities in India's governance system.

C03: appreciate the methodological pluralism and synthesizing nature of knowledge in public policy and administration.

C04: analyse the changing dimensions and patterns in India's public governance and administrative processes.

C05: evaluate the role of non-state actors and civil society in India's public governance system.

Unit No.	Content
Unit-1	Public Policy and Administration in India: Meaning and Concept of Public Policy; Meaning, Evolution, Scope and Importance of Public Administration; Public Policy & Public Administration in India, Evolution of Indian Administration
Unit-2	Public and Private Administration: Approaches, System Theory, Organization Theory, Decision Making Theory,
Unit-3	Public Administration Theories and Concepts: Meaning, Ecological Approach
Unit-4	Scientific Management Theory, Rational Choice theory, New Public Administration, Development Administration
Unit-5	Comparative Public Administration in India: Comparative Public Administration in India
Unit-6	New Public Management: Themes, Significance, Consequences, Good Governance
Unit-7	Changing Nature of Public Administration: Case of Bureaucracy, Characteristics of Bureaucracy, Impact of Globalization
Unit-8	Theories and Principles of Organisation and its Operations in India: Principles of Organisation, Theories of Organisation: Classical, Neo-classical & Modern Bureaucratic Theory, Human Relations Theory
Unit-9	Managing the Organization: Theories of Leadership, Types of Theories of Leadership, Trait Theory, Behavioural Theory, Theories of Motivation
Unit-10	Organisational Communication: Theories and Principles, Theory X & Theory Y, Functioning in India and its impacts
Unit-11	Chester Bernard: Principles of Communication, Information Management in the Organization
Unit-12	Conflict in the Organization: Factors influencing conflict, Views of Mary Parker Follett, Views of Peter Drucker
Unit-13	Public Policy and Governance in India: Types of Public Policy, Stages, Basis of Policy-Making
Unit-14	Public Policy Issues and Challenges in India: Constraints in Policy Implementation

READINGS:

1. INTRODUCTION TO THE STUDY OF PUBLIC ADMINISTRATION by SHAFRITZ, J.M. AND HYDE, WADSWORTH
2. PUBLIC ADMINISTRATION IN INDIA by STERLING PUBLICATIONS, STRELING PUBLICATIONS.

Course Code	DESOC506	Course Title	GLOBALIZATION AND SOCIETY	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: understand the concept and evolution of globalization.

C02: analyze the impact of globalization on Indian society and economy.

C03: evaluate globalization's influence on culture and communication.

C04: examine economic transformations in a globalized world.

C05: critically assess globalization's environmental and social challenges.

C06: predict the future of globalization and India's role in it.

Unit No.	Content
Unit-1	Introduction to globalization: concept, history of globalization
Unit-2	Dimensions of globalization (i): social, cultural, political
Unit-3	Dimensions of globalization (ii): Economic and ecological dimension
Unit-4	Globalization in India: Perspectives, Globalization and reforms in India, Impact of Globalization on women and poor
Unit-5	Globalization in society: Family, marriage, relationship
Unit-6	Globalization in Culture: Language and communication, Social Structure
Unit-7	Globalization in education: Learning, Access to education, Technological gap
Unit-8	Globalization in economy: Globalization of Indian banks with WTO regime
Unit-9	Business Process Outsourcing (BPO): an emerging trend in India
Unit-10	Micro finance, Economic liberalization: free market policy
Unit-11	Globalization in the environment: Tourism, Pollution, Global warming
Unit-12	Global crises: globalization as an inevitable process, The East Asia crises
Unit-13	Globalization in Indian society: Indian economy after globalization, Impact of globalization on Indian Agrarian class structure and culture, towards an Alternative view and vision
Unit-14	Future of globalization: future of globalization, Broken promises of global institution

READINGS:

1. GLOBALIZATION IN INDIA: NEW FRONTIERS AND EMERGING CHALLENGES by S.K. PRAMANIK, R GANGULY, PHI LEARNING PVT LTD.
2. GLOBALIZATION AND INDIAN SOCIETY by BABITA AGARWAL, ANIL AGARWAL, AP PUBLISHER
3. GLOBALIZATION: A VERY SHORT INTRODUCTION by MANFRED B. STEGER, OXFORD UNIVERSITY PRESS

Course Code	DECAP794	Course Title	ADVANCE DATA VISUALISATION	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, students will be able to

C01: discuss the terminology used in Tableau Prep.

C02: identify how Tableau Prep approaches data sampling.

C03: construct and understand data prep flows that address common scenarios encountered in data preparation, as applied to common data use cases.

C04: review the quality of the data and perform exploratory analysis.

C05: manage and Connect Data Source.

Unit No.	Content
Unit 1	Introduction to data visualization: acquiring and visualizing data, simultaneous acquisition and visualization, applications of data visualization, keys factors of data visualization, reading data from standard text files (.txt, .csv, xml), displaying json content.
Unit 2	Making charts interactive and animated: data joins, updates and exits, interactive buttons, updating charts, adding transactions, using keys, wrapping the update phase in a function, adding a play button to the page, making the play button go, allow the user to interrupt the play, sequence.
Unit 3	Managing, organizing and enhancing data: visualization of groups, trees, graphs, clusters, networks, software, metaphorical visualization
Unit 4	Creation of hierarchies: create hierarchies to drill down into data, creating groups for data, creating and using sets create data filters, create calculated fields, combine data sources using data blending, creating & using parameters, bringing in more data with joins
Unit 5	Chart types and their usage in tableau: defining data and their different visualization ways, building various charts, visualizing data using bar chart, lines charts, scatterplots, heat maps, histograms, maps, dual axis, charts, pie charts.
Unit 6	Visualization data with advanced analytics: polygon maps, bump charts, control charts, funnel charts, pareto charts, waterfall charts, usage and filtration of data with charts, visualizing categorical data, visualizing time series data, visualizing multiple variables, visualizing geospatial data, map box integrations, web mapping services, background images
Unit 7	Interactive dashboards and story points in tableau: creating a dashboard, designing dashboard, add motions, adding interactivity with actions, dashboard layout and formatting, add extra detail to visualization using marks shelf, add size, shape, labels, details, tool tips in visualization, sharing and collaborating dashboards.
Unit 8	Story points and how to create them, designing effective slide presentations to showcase data story, publish online business dashboards with tableau, exporting pdfs, sharing dashboard securely
Unit 9	Introduction: installation of tableau, tableau interface, data types, tableau features tableau data sources: connecting data with tableau, joining data sources, combine data sources using data blending, creating and using sets create data filters, creating & using parameters, bringing in more data with joins
Unit 10	Managing, organizing and enhancing data in tableau: Splitting data, Pivoting & Transforming data, Blue & green pills Filters, Blue & green pills effect on dates, Cleaning data by Bulk Re-aliasing, Setting data defaults, Create hierarchies to drill down into data, Creating groups for data, Create calculated fields
Unit 11	Sharing your Work: Tableau data source, Tableau data extract, Tableau workbook, Tableau packaged workbook.

Unit 12	Mathematical and visual analytics in tableau: Aggregate calculations, Date calculations, Logic calculations, Number calculations, String calculations, Type calculations, LOD Expressions, Add reference lines and trend lines
Unit 13	Interactive dashboards and story points in tableau: Creating a dashboard, Designing dashboard, Add motions, Adding interactivity with actions, Dashboard layout and formatting, Add extra detail to visualization using Marks Shelf, Add Size, Shape, Labels
Unit 14	Publishing work: Sharing and collaborating dashboards, Story Points and how to create them, Designing effective slide presentations to showcase data story, Publish online business dashboards with Tableau, Exporting Pdfs, Sharing Dashboard Securely

READINGS:

1. DESIGNING DATA VISUALIZATIONS: REPRESENTING INFORMATIONAL RELATIONSHIPS by JULIE STEELE, NOAH ILIINSKY, KINDLE EDITION
2. MASTERING PYTHON DATA VISUALIZATION PAPERBACK by KIRTHI RAMAN, PACKT PUBLISHING

Course Code	DEFIN576	Course Title	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, students will be able to

CO1: assess the characteristics of different Investment alternatives and how to trade in the stock market.

CO2: apply different valuation models to find the intrinsic value of the shares.

CO3: use the fundamental and technical analysis to predict the stock price movement.

CO4: construct, revise and evaluate portfolios of different securities.

Unit No.	Content
Unit-1	Introduction to Security Analysis: securities market structure, major Indian stock exchanges, stock exchange players, investment objectives, investment process, investment alternatives, investment alternatives evaluation, and common error in investment process
Unit-2	Risk and Return: concept of return, measurement of return, concept of risk, types of risk, measurement of risk
Unit-3	Equity valuation: balance sheet valuation, dividend discount model, free cash flow model, earning multiplier approach
Unit-4	Fixed Income and Other Investment Alternatives: pricing, yields and risks of investments in fixed income securities, real estate, commodities, other alternative investments, strategies for investments in various investment alternatives
Unit-5	Efficient Market Hypothesis: forms of EMH, test for EMH, depository system, depository process and participants, calculation of sensex and nifty, listing of securities
Unit-6	Fundamental Analysis: industry analysis, economic analysis, company analysis, introduction to fundamental analysis, financial health
Unit-7	Technical Analysis: technical indicators, Dow Theory, fundamental v/s technical analysis, Elliot wave theory, chart patterns
Unit-8	Portfolio Construction and Management: portfolio risk, portfolio return, diversification, Markowitz model
Unit-9	Portfolio Risk and Return Management: portfolio risk and return with different correlations, efficient frontier, optimal portfolio
Unit-10	Asset Pricing: standard capital asset pricing model, capital asset pricing model, arbitrage pricing theory
Unit-11	Derivative and Regulatory Aspect: meaning and reasons of derivative trading, types of derivatives, forward, futures and options, regulation of derivative market
Unit-12	Evaluation of Portfolio Performance: Sharpe's performance index, Treynor's performance index, Jensen performance index
Unit-13	Portfolio Revision: active and passive management, rupee cost averaging, constant rupee plan, constant ratio plan, variable ratio plan
Unit-14	Contemporary Issues in Investment: fintech scope and challenges, algo trading issues and development, robo advisors, high frequency trade

READINGS:

1. SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT by K SASIDHARAN & ALEX K MATHEWS, MCGRAW HILL EDUCATION
2. SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT by PUNITHAVATHY PANDIAN, VIKAS PUBLISHING HOUSE

Course Code	DEHRM521	Course Title	HUMAN RESOURCE METRICS AND ANALYTICS
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WEIGHTAGES	
CA	ETE(Th.)
30	70

Course Outcomes: Through this course, the student will be able to

C01: analyze the value HR analytics brings to human resources.

C02: understand the different analytical approaches used by HR Professionals to solve real business problems.

C03: evaluate workforce data to identify trends and other actionable performance information.

C04: visualize data and use of the Analytics Process Model to analyze HR data.

C05: develop best practices for using HR analytics to support data-driven decisions.

Unit No.	Content
Unit-1	Introduction to HR Analytics: concepts and definition of human resource analytics, develop best practices for using HR analytics to support data-driven decisions
Unit-2	Aligning HR with Business: steps for alignment of HR analytics with business goals and strategies, checklist for strategies
Unit-3	HR Analytics Models: applications of HR and predictive analytics, importance and benefits of HR analytics, HR analytics framework and models
Unit-4	Statistics for HR Research: statistics and statistical modeling for HR research, HR decision making
Unit-5	Data Analysis for Human Resources: parametric and non parametric tests, HRIS for HR decision making
Unit-6	HR Metrics: recruitment metrics, metrics for training and development, HR scorecards, HR dashboards
Unit-7	HR Data: data quality, data collection and big data for human resources
Unit-8	Transforming HR data into HR information: process of HR data collection for HR analytics, data collection for effective HR measurement
Unit-9	HR Report Visualization: data visualization, root cause analysis, datafication for human resources
Unit-10	Phases of HR Analytics: different phases of HR analytics, HR predictive modeling, examples of predictive analytics
Unit-11	Data and Information for Predictive Analysis: data and information, software solutions
Unit-12	Tools and Techniques: predictive analysis tools and techniques, HR Analytics and machine learning, AI in HRM, Data security in HR Analytics, Work from home and HR Analytics
Unit-13	HR Analytics Applications: application in human resource planning, application of HR analytics to improve talent acquisition, talent retention and mobility through HR analytics, enhancing employee engagement through HR analytics
Unit-14	HR Cost Benefits Metrics Valuation: select the right programs/initiatives in business, enable a mind-set to use HR analytics in business programs/initiatives, return on investment (ROI) in HR analytics to drive improvement and change

READINGS:

1. HR ANALYTICS UNDERSTANDING THEORIES AND APPLICATION by DIPAK KUMAR BHATTACHARYYA, SAGE PUBLICATIONS
2. WINNING ON HR ANALYTICS LEVERAGING DATA FOR COMPETITIVE ADVANTAGE by RAMESH SOUNDARARAJAN AND KULDEEP SINGH, SAGE PUBLICATIONS

Course Code	DEMKT517	Course Title	CUSTOMER RELATIONSHIP MANAGEMENT	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course students should be able to

CO1: develop an insight and new learning in the area of customer relationship management.

CO2: identify and respond to customers' needs, expectations and issues to build productive and rewarding relationships with customers.

CO3: discuss the conceptual foundations of relationship marketing and its implications for further knowledge development in the field of business.

CO4: develop a conceptual understanding and the knowledge pertaining to practical application for building and managing partnering relationships with customers and suppliers.

CO5: analyse how CRM is being used in consumer and business markets-implementation, management, benefits, problems and solutions.

Unit No.	Content
Unit-1	Introduction to CRM: definition, CRM as a business strategy, elements of CRM, processes and systems, entrance, applications and success of CRM.
Unit-2	Conceptual Foundations: evolution and benefits of CRM; building customer relationship and zero customer defection.
Unit-3	Strategy and Organization of CRM: customer-supplier relationships, CRM as an integral business strategy and the relationship-oriented organization.
Unit-4	CRM Marketing Aspects: customer knowledge, communication and multichannel, the individualized customer proposition and the relationship policy.
Unit-5	Analytical CRM: relationship data management, data analyses and datamining, segmentation and selections, retention and cross-sell analyses.
Unit-6	Operational CRM: call centre management, use of internet, website and applications of direct mail.
Unit-7	CRM Systems and their Implementation: CRM systems, implementation of CRM systems, and the future aspects.
Unit-8	E-CRM: application of e-CRM technologies-emails, websites, chat rooms, forums and other channels.
Unit-9	CRM Process: introduction and objectives of a CRM process, an insight into CRM and ECRTA and online CRM.
Unit-10	Developing CRM Strategy: role of CRM in business strategy and understanding service quality with regard to CRM.
Unit-11	CRM Links in E-Business: E-Commerce and customer relationships on the internet.
Unit-12	Economics of Customer Relationship Management: market share Vs customer share orientation, customer life time value and customer profitability.
Unit-13	CRM Implementation: choosing the right CRM solution and framework for implementing CRM.

Unit-14

CRM Application in B2B and B2C Market: importance of CRM in B2B and B2C market, benefits of B2C and B2B CRM, B2B and B2C application in banking and hospitality sectors.

READINGS:

1. CUSTOMER RELATIONSHIP MANAGMENT by ED PEELEN, Pearson Education India
2. THE CRM HANDBOOK- A BUSINESS GUIDE TO CUSTOMER RELATIONSHIP MANAGEMENT by JILL DYCHE, PEARSON EDUCATION INDIA.
3. CUSTOMER RELATIONSHIP MANAGEMENT-GETTING IT RIGHT by JUDITH W. KINCAID. PEARSON EDUCATION INDIA.

Course Code	DEENG519	Course Title	POST-INDEPENDENCE INDIAN LITERATURE	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: understand the social cultural and political dimensions of Indian Writing in English.

C02: deduce the historical elements and theoretical orientation of Indian Writing in English.

C03: analyze the stylistic techniques of Indian Writing in English.

C04: trace the essential features of Indian Writing in English.

Unit No.	Content
Unit 1	Literary Terms: feminism, patriarchy, sexism
Unit 2	Literary Terms: misogynoir, misandry, LGBTQ
Unit 3	Literary Terms: gender issues, male gaze, womanism
Unit 4	Rupa Bajwa - The Sari Shop: plot and narrative technique
Unit 5	Rupa Bajwa - The Sari Shop: social and political background, character analysis and thematic analysis
Unit 6	Tagore - Leave this chanting and singing: textual, analysis, thematic analysis, symbols and motifs, stylistic features
Unit 7	Tagore - Kamala Das - My Grandmother's House: textual analysis, thematic analysis
Unit 8	Tagore - Kamala Das - My Grandmother's House: symbols and motifs, stylistic features
Unit 9	Difficult Daughters by Manju Kapur: about the author, plot, character analysis
Unit 10	Difficult Daughters by Manju Kapur: thematic analysis and gender issues, critical analysis
Unit 11	Mahesh Dattani - Final Solution: character analysis and thematic analysis
Unit 12	Mahesh Dattani - Final Solution: plot, narrative technique
Unit 13	Girish Karnad - Nagamandala: thematic analysis, narrative technique
Unit 14	Girish Karnad - Nagamandala: plot summary, character analysis

READINGS:

1. THE VINTAGE BOOK OF MODERN INDIAN LITERATURE by AMIT CHAUDHURI, VINTAGE BOOKS
2. THE SARI SHOP by RUPA BAJWA, PENGUIN BOOKS INDIA
3. NAGAMANDALA by GIRISH KARNAD, OXFORD UNIVERSITY PRESS
4. GITANJALI: RABINDRANATH TAGORE by RABINDRANATH TAGORE, RUPA PUBLICATIONS
5. KAMALA DAS by DR. N. K. SHARMA, UNIQUE PUBLISHER
6. FINAL SOLUTIONS by MAHESH DATTANAI, PENGUIN BOOKS INDIA
7. DIFFICULT DAUGHTERS by MANJU KAPUR, PENGUIN BOOKS INDIA

Course Code	DEHIS632	Course Title	WOMEN IN INDIAN HISTORY	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course student should be able to

CO1: understand historical Feminist consciousness.

CO2: evaluate the role of women in the National Movements.

CO3: know about the Post-Independence Women's Movements.

CO4: explore the impact of the partition on the women.

CO5: evaluate contemporary issues and legal frameworks in context to women empowerment.

Unit No.	Content
Unit-1	Feminist Consciousness in Ancient India: Women in Indian Thought: Arthashastra, Manusmriti, Therigathas
Unit-2	Feminist Consciousness in Medieval India: Cases of Queen Didda, Razia Sultana, Nurjahan and Jahanara
Unit-3	Feminist Consciousness in Modern India: Feminists in Colonial India: Begum Rokeya Sakhawat Hossain, Sarla Devi Chaudharani
Unit-4	Women's participation in the National Movement: Women participation in Civil Disobedience Movement, Quit India Movement
Unit-5	Women's Movement in Post-Independence period in India I: Dalit Women's Issues, Chipko Movement
Unit-6	Women's Movement in Post-Independence period in India II: Devadasi Movements, Anti-Arrack Movement
Unit-7	Partition and Women I: Recovery, Restoration, Re-settlement, Official and unofficial records of the abducted women
Unit-8	Partition and Women II: Victimization of Women during partition, The abducted and Widowed women, Plight of women during partition riots of 1947
Unit-9	Political Empowerment of Women: Committees and Commissions on Women's participation in PRI
Unit-10	Women in Panchayati Raj Institutions: With special reference to the 73rd Constitutional Amendment, Women in Urban Local Bodies (With reference to the 74th Constitutional Amendment)
Unit-11	Contemporary Issues taken up by Women's Movement in India I: Trafficking of Women, Honour killings and Khap Panchayats,
Unit-12	Contemporary Issues taken up by Women's Movement in India II: Violence against Women, NRI marriages
Unit-13	Crime against Women and Laws in India I: Rape Laws (reference to Sec 375 IPC), Dowry Prohibition Act, 1961 (as amended in 1984 and 1986), Domestic Violence Act 2005
Unit-14	Crime against Women and Laws in India II: Termination of Pregnancy Act 1971, Pre-Conception and Pre-Natal Diagnostic Techniques (Regulation and Prevention) Act, 1994 as amended in 2004, Sexual Harassment at the Workplace and Judicial attitude

READINGS:

1. THE POSITION OF WOMEN IN HINDU CIVILIZATION: FROM PREHISTORIC TIME TO THE PRESENT DAY by ALTEKAR, A.S., MOTILAL BANARSIDASS PUBLISHERS
2. SAMAJ CHINTAN by AVINASH RAI KHANNA, Prabhat Prakashan
3. WOMEN IN GANDHI'S MASS MOVEMENTS by THAKUR BHARTI, DEEP & DEEP PUBLICATIONS PVT. LTD.
4. WOMEN IN MANU'S PHILOSOPHY by DAS, RAM MANOHAR, SOUTH ASIA BOOKS
5. INDIAN WOMEN FROM PURDAH TO MODERNITY by B.R. NANDA, VIKAS PUBLISHING HOUSE
6. VIOLENCE, LAW AND WOMEN'S RIGHTS IN SOUTH ASIA by GOONESEKERE, SAVITRI
7. CRIME AGAINST WOMEN by AHUJA, RAM, RAWAT PUBLICATIONS
8. CONTENTIOUS MARRIAGES: ELOPING COUPLES: GENDER, CASTE AND PATRIARCHY INNORTHERN INDIA by CHOUDHARY PREM, OXFORD UNIVERSITY PRESS
9. VIOLENCE AGAINST WOMEN: AN ANALYSIS OF CONTEMPORARY REALITIES by MOHANTI BEDABATI, KANISHKA PUBLISHERS, DISTRIBUTORS
10. FROM INDEPENDENCE, TOWARDS FREEDOM: INDIAN WOMEN SINCE 1947 by BHARATI RAY AND APARNA BASU, OXFORD UNIVERSITY PRESS
11. WOMEN'S STUDIES IN INDIA: A READER by MARY E. JOHN, PENGUIN BOOKS INDIA
12. EMPOWERMENT FOR WOMEN THROUGH POLITICAL PARTICIPATION by SINHA NIROJ, KALPAZ PUBLICATIONS
13. GANDHI AND THE STATUS OF WOMEN by BAKSHI, S.R, CRITERION PUBLISHERS

Course Code	DEPOL650	Course Title	COMPARATIVE POLITICAL ANALYSIS	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: describe the theoretical approaches to the study of comparative politics.

C02: state the differences and similarities between the various constitutional arrangements.

C03: analyze various classifications of states and different constitutional structures.

C04: develop an understanding to compare the world political system.

Unit No.	Content
Unit-1	Introduction to comparative government and politics: meaning and definitions of comparative politics, growth and evolution of comparative politics.
Unit-2	Scope of comparative politics: Significance of comparison, nature of comparative politics, scope of comparative politics
Unit-3	Approaches to the study of comparative politics: traditional approaches, modern approaches
Unit-4	Systems analysis: structural-functional analysis approach, input-output analysis, political economy approach
Unit-5	Theories of State: liberal-democratic state, totalitarian regimes
Unit-6	The Democratic steps and welfare state: its functions and role, states in third world countries
Unit-7	Constitutional structures: legislature and its role in political system, structure
Unit-8	Composition of legislature, office of prime minister and president: power and functions of prime minister and president
Unit-9	Judiciary and its importance: challenges and problems of judiciary in India, judicial activism
Unit-10	Classifications of governments: presidential and prime ministerial governments, unitary government
Unit-11	Federal systems, features of federal system and its advantages, characteristics of unitary government
Unit-12	Typology of states: totalitarian state and its features
Unit-13	Liberal state: Its role, Welfare state and its role on modern society
Unit-14	Advantages and disadvantages: totalitarian form of governments

READINGS:

1. COMPARATIVE GOVERNMENT AND POLITICS by A.S. NARANG, GITANJALI PUBLISHING HOUSE
2. COMPARATIVE POLITICS by J C JOHARI, STERLING PUBLISHING

Course Code	DESOC507	Course Title	GENDER AND SOCIETY	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: identify social construction of gender in the context of gender role and its development.

C02: classify the theoretical standpoint available and reinforced in the study of sociological analysis of gender construction with special reference to feminist thought.

C03: articulate interdisciplinary connection between economic, political and religious dimensions of gender construction as social stratification.

C04: categorize the various status of women in Indian context under the list of gendered social issues.

C05: defend the position of women's studies and its development with special reference to its demographic profile.

C06: design a model for role-play program on the development of women's movements contributing the contemporary social change.

Unit No.	Content
Unit-1	Social construction of gender: gender vs Biology, equality vs difference
Unit-2	Gender roles: private public dichotomy, division of labor, patriarchy as ideology and practice
Unit-3	Emergence of Feminist thought: socio- historical perspective
Unit-4	Approaches to the study of gender: types of feminism, post-feminism and anti-feminism
Unit-5	Gender based Sociological analysis: Contemporary context, Social issues, Case studies
Unit-6	Economic: marginalization and sexual based division of labour
Unit-7	Politics: reservation for women
Unit-8	Religion and culture: marriage, dowry and property
Unit-9	Major gendered social issues: development, ecology, communalism, violence
Unit-10	Women in India: changing status of women in India - pre-colonial, colonial and post-colonial
Unit-11	Demographic profile: the gender gap
Unit-12	Development of women's studies in India: North India, South India, Central India, East India, West India
Unit-13	Women's movement in India: women and national freedom movement
Unit-14	Women's movement and Social Change: in post-independent India

READINGS:

1. GENDER ROLE: A SOCIOLOGICAL PERSPECTIVE by LINDAL L. LINDSEY, PEARSON
2. WOMEN AND SOCIETY IN INDIA by DESAI, NEERA AND M. KRISHNARAJ, AJANTA PUBLICATIONS

Course Code	DECAP737	Course Title	MACHINE LEARNING	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course students should be able to

C01: apply python libraries for data analysis and machine learning model development.

C02: evaluate important features from a given dataset.

C03: apply machine learning models for real world problems.

C04: evaluate the performances of different machine learning models.

Unit No.	Content
Unit 1	Introduction to Machine Learning: History of Machine Learning, Basic definitions, Supervised Learning, Unsupervised Learning, Reinforcement Learning, Issues in machine learning, Different Applications of Machine learning.
Unit 2	Python Basics: Introduction to Python, Jupiter Notebook, and Python packages for data Science.
Unit 3	Data Pre-processing: Introduction to Data Analysis, Importing and Exporting Data in python, Data wrangling, Exploratory Data Analysis.
Unit 4	Pre-processing Implementation in python
Unit 5	Regression: Simple Linear Regression, Multiple Linear Regression, Non-Linear Regression, A mathematical formulation of Regression models, Model Evaluation in Regression Models.
Unit 6	Regression Implementation: Implementation and performance analysis of Linear Regression, Multi Regression, Non-Linear Regression
Unit 7	Classification: Classification Problems, Decision Boundaries, K-Nearest Neighbours, Decision Trees, Building Decision Tree, Training and Visualizing a Decision Tree.
Unit 8	Classification Algorithms: Logistic Regression, Support Vector Machine, Margin, Kernel function and Kernel SVM.
Unit 9	Classification Implementation: Implementation and performance analysis of KNN, SVM and Logistic Regression
Unit 10	Clustering: Introduction, K-Means Algorithm, A mathematical formulation of the K-Means algorithm, Hierarchical Clustering.
Unit 11	Ensemble methods: Bagging, random forests, boosting.
Unit 12	Clustering Implementation: Implementation and performance analysis of k-Means and Hierarchical Clustering, Implement and compare any two ensemble-based machine learning approaches on different datasets.
Unit 13	Neural network: Biological Structure of a Neuron, Perceptron, multilayer networks and backpropagation, introduction to deep neural Networks, Evaluation Metrics of machine learning models.
Unit 14	Neural network Implementation: Design of an Artificial Neural Network for given dataset, Implement and compare the performances of any three-machine learning based classification models on different datasets

LABORATORY WORK:

Implementation of machine learning concepts (Data Analysis, Importing and Exporting Data in python, Data wrangling, Exploratory Data Analysis, Simple Linear Regression, Multiple Linear Regression, Non-Linear Regression, K-Nearest Neighbours, Decision Trees, Logistic Regression, Support Vector Machine, Margin, Kernel function and Kernel SVM, K-Means Algorithm, Bagging, random forests, boosting)

READINGS:

1. APPLIED MACHINE LEARNING by MADAN GOPAL (2018), MCGRAW HILL EDUCATION, INDIA
2. MACHINE LEARNING by TOM MITCHELL (2017), MCGRAW HILL EDUCATION, INDIA
3. PRINCIPLES OF SOFT COMPUTING by S. N. SIVANANDAM AND S. N. DEEPA (2018), WILEY, INDIA

Course Code	DEFIN526	Course Title	FINANCIAL ANALYTICS	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, students will be able to

C01: analyze financial ratios to assess a firm's past performance as well as problems and suggest strategies for dealing with problems.

C02: use trend and regression analysis to forecast sales and any other financial variables.

C03: calculate the present value and future value of a stream of cash flows.

C04: apply several discounted cash flow (DCF) models to value a common stock.

C05: employ sensitivity and scenario analysis in capital budgeting decisions.

C06: demonstrate various valuation techniques to make investment decisions and portfolio management.

Unit No.	Content
Unit 1	Building basic financial statements: Building an income statement, building a balance sheet, creating common-size income statements, creating a common-size balance sheet, building a statement of cash flows
Unit 2	Cash Budget: Collections and disbursements, calculating the ending cash balance, adding interest and investment of excess cash
Unit 3	Financial statement analysis: Financial ratios (liquidity ratios, efficiency ratios, coverage ratios, leverage and profitability ratios), Z score model for financial distress prediction
Unit 4	Financial forecasting: Forecasting the income statement, forecasting assets on the balance sheet, linear trend extrapolation, regression analysis
Unit 5	Break-Even and Leverage Analysis: Calculating break-even points, leverage analysis, linking break-even points and leverage measures
Unit 6	Time value of money: Present value (single and multiple cash flows), future value (single and multiple cash flows), annuity, perpetuity, growing annuity, loan amortization, compounding interest rates
Unit 7	Cost of Capital: Capital structure components cost of debt, cost of common equity, cost of preferred equity, role of flotation costs, cost of overall capital structure WACC
Unit 8	Common stock valuation: Fundamentals of valuation, analysis of beta, return on equity, determining required rate of return through CAPM, dividend discount models (constant growth, two stage growth and three stage growth)
Unit 9	Discounted cash flow models of business valuation: Earnings model, free cash flow model (FCFF, FCFE), relative valuation
Unit 10	Capital budgeting and risk analysis: Net present value, internal rate of return, pay back and discounted payback period, sensitivity analysis, scenario analysis
Unit 11	Analysis of bonds and long-term financing: Valuation of bonds, current yield, bond equivalent yield, Macaulay duration, modified duration, convexity
Unit 12	Financial risk measurement and analysis: Risk measurement in fixed income markets, market risk analysis, credit risk measurement

Unit 13	Portfolio Statistics and Diversification: Determining portfolio risk and return, portfolios with more than two securities, locating portfolios on the efficient frontier, charting the efficient frontier, role SML and CML in security portfolio management
Unit 14	Pricing of derivative instruments: Charting futures pay offs, charting of options payoffs, futures and options pricing, variables affecting pricing of futures and options

READINGS:

1. FINANCIAL ANALYSIS WITH MICROSOFT EXCEL by TIMOTHY R. MAYES AND TODD M. SHANK, CENGAGE LEARNING
2. CORPORATE FINANCIAL ANALYSIS WITH MICROSOFT EXCEL by FRANCIS J. CLAUSS, MC GRAW HILL

Course Code	DEHRM611	Course Title	COMPENSATION MANAGEMENT	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course students should be able to

C01: understand components of executive and non-executive compensation.

C02: apply tools and techniques of job evaluation for assessing and monetizing relative value of jobs.

C03: analyze job evaluation tools and various compensation packages.

C04: evaluate various approaches of compensation design and practices in dynamic global environment.

C05: design a compensation policy on principles of equity, fairness and efficiency.

Unit No.	Content
Unit-1	Conceptual dimension of wage: compensation and forms of pay, wages
Unit-2	Job evaluation: methods and techniques, bases of pay
Unit-3	Labor market: intra-inter industry differences in wages and compensation
Unit-4	Designing a compensation system: fixed and variable components and structuring
Unit-5	Performance and Compensation: perspectives of equity, efficiency and competitiveness
Unit-6	Employee benefits: components of benefits plan, administering the benefit plan, rational wage policy
Unit-7	Trade Union and Collective Bargaining: role of trade unions, negotiation and collective bargaining
Unit-8	Financial and Non-financial components: perks, benefits and services for managerial staff
Unit-9	Employee recognition and motivation: various employee recognition programs, motivating performance
Unit-10	Reward strategy and psychological contract: employee welfare and working conditions, statutory and voluntary measures
Unit-11	Statutory provisions related to compensation: national wage policy, wage boards, public sector pay, designing executive pay, designing employee benefits in SMEs and MNCs, wage legislation
Unit-12	Executive compensation: compensation and benefits administration program for executives
Unit-13	Performance Management and Reward System: traditional and contingent pay plans, reasons for introducing contingent pay plans, managing team performance, challenges of team performance management, evaluating efficacy of performance management system
Unit-14	Recent trends in rewards: employee stock options, investment advisory, tax planning, insurance, wellness

READINGS:

1. COMPENSATION by MILKOVICH T GEORGE, NEWMAN M JARRY, RATNAM CS VENKATA, MC GRAW HILL

Course Code	DEMKT622	Course Title	PRODUCT AND BRAND MANAGEMENT
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course, students will be able to

C01: develop product and process related skills necessary to understand customer needs and competitive position.

C02: measure and formulate effective brand strategies to build, manage and measure brand equity.

C03: observe design and develop sustainable brand and product portfolio strategies.

C04: differentiate product and brand strategies of various companies.

Unit No.	Content
Unit 1	Introduction to product management: product related concepts, competitive set & competitor analysis, category attractiveness, environmental analysis
Unit 2	Product strategy: developing product strategies, product modification, line extension, elements of product strategy, product strategy over the life cycle
Unit 3	Product lifecycle management: idea generation, idea screening, concept development and testing, business analysis, beta and market testing, implementation, product commercialization
Unit 4	Introduction to brand management: brand and brand management, brands versus products, branding challenges and opportunities, strategic brand management process
Unit 5	Customer based brand equity: customer-based brand equity, making a strong brand, sources of brand equity, building a strong brand: the four steps of brand building
Unit 6	Designing marketing programs to build brand equity: new perspectives on marketing, product strategy, pricing strategy, channel strategy
Unit 7	Designing and implementing branding strategies: brand architecture, brand hierarchy, designing a branding strategy
Unit 8	Managing brand extensions: brand extension, advantages of brand extensions, disadvantages of brand extension
Unit 9	Planning & Implementing brand marketing programs: criteria for choosing brand elements, options & tactics for brand elements
Unit 10	Strategic brand management process: introduction & phases, identifying & establishing brand positioning, building a strong brand, positioning guidelines
Unit 11	IMC in branding: use of IMC for brand building, leveraging secondary brand associations to brand building
Unit 12	Measuring & interpreting brand performance: developing a brand equity measurement & management system, measuring sources and outcome of brand equity
Unit 13	Growing & sustaining Brand Equity: designing & implementing branding strategies, managing brands over time
Unit 14	Managing brands: reinforcing brands, revitalizing brands and other ways to manage brands

READINGS:

1. STRATEGIC BRAND MANAGEMENT by KELLER, K L., PARMESWARAN, A.M.G. AND JACOB, I, PEARSON
2. BRAND MANAGEMENT: PRINCIPLES AND PRACTICES by DUTTA, K, OXFORD UNIVERSITYPRESS
3. BRAND MANAGEMENT: TEXT & CASES by VERMA, H V, EXCEL BOOKS

Course Code	DEENG527	Course Title	POSTCOLONIAL LITERATURES AND CULTURAL STUDIES	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

CO1: identify the impact of colonialism on culture.

CO2: estimate the significance of the post-colonial era in the life of its inhabitants.

CO3: apply the post-colonial theory of Homi Bhabha and Edward Said in the prescribed texts.

CO4: justify new trends in post-colonial discourse through the lens of selected texts.

Unit No.	Content
Unit 1	Salman Rushdie: Midnight's Children: Midnight's Children as a post-colonial epic, technique of magic realism of Rushdie
Unit 2	Salman Rushdie: Midnight's Children: discussion of the plot of the novel, epical features of the novel
Unit 3	Salman Rushdie: Midnight's Children: character of Saleem and his importance, the themes of alienation and cultural dislocation
Unit 4	Chinua Achebe: Things Fall Apart: Struggle for dominance and identity crisis, introduction to the African culture
Unit 5	Chinua Achebe: Things Fall Apart: theme of cultural destruction, hybridity and marginalization
Unit 6	Chinua Achebe: Things Fall Apart: theme of gender discrimination in the novel, conflict between tradition and modernity
Unit 7	Bapsi Sidhwa: The American Brat: the life and achievements of the writer, the theme of male domination in society, Feroza's American experience
Unit 8	Bapsi Sidhwa: The American Brat: cultural assimilation of Feroza and the application of Bhabha's theory of hybridity, loss of identity of Feroza in America, cultural conflicts between Parsee culture and American culture, the character of Zareen
Unit 9	Jean Rhys: Wide Sargasso Sea: introduction to the writer, race, relations and prejudice, the theme of oppression of slavery
Unit 10	Jean Rhys: Wide Sargasso Sea: the episodes of magic and incantation in the novel, male domination and patriarchal power structure, discussion on the characters and themes
Unit 11	Derek Walcott: Dream On Monkey Mountain: the significance of the title of the drama, the post-colonial elements in the drama, the theme of the loss of identity
Unit 12	Derek Walcott: Dream On Monkey Mountain: the theme of marginalization and the application of the theory of Homi Bhabha, Makak and his confrontation with the colonial rulers, the significance of the ending of the drama
Unit 13	Margaret Atwood: Surfacing: the life and achievements of the writer, the significance of the title, the theme of alienation and the application of the theory of hybridity of Homi Bhabha
Unit 14	Margaret Atwood: Surfacing: the postcolonial elements in the novel, the theme of feminism in the novel, the role of nature in the novel, the plot structure of the novel

READINGS:

1. MIDNIGHT'S CHILDREN by SALMAN RUSHDIE, VINTAGE BOOKS
2. THINGS FALL APART by CHINUA ACHEBE, ANCHOR BOOKS

3. SURFACING by MARGARET ATWOOD, ANCHOR BOOKS
4. AMERICAN BRAT by BAPSI SIDHWA, MILKWEED EDITIONS
5. DREAM ON MONKEY MOUNTAIN by DEREK WALCOTT, FARRA, STRAUS
6. WIDE SARGASSO SEA by JEAN RHYS, PENGUIN CLASSICS

Course Code	DEHIS631	Course Title	TWENTIETH CENTURY WORLD
			WEIGHTAGE
			CA
			ETE(Th.)
			30
			70

Course Outcomes: Through this course student should be able to

C01: analyze the impact of 19th-century developments such as capitalism, imperialism, liberalism, socialism, and nationalism on global history.

C02: examine the causes, consequences, and ideological shifts resulting from the First World War and the Russian Revolution.

C03: evaluate the interwar period, including the failures of the League of Nations, the Great Depression, and the rise of totalitarian ideologies like Nazism and Fascism.

C04: assess the global transformations brought by the Second World War, including nationalist movements, decolonization, and the Chinese Communist Revolution.

C05: interpret the Cold War era, its ideological and political dimensions, the role of the Non-Aligned Movement, the disintegration of the Socialist Bloc, and the rise of globalization.

Unit No.	Content
Unit-1	Legacy of the Nineteenth Century I: Growth of capitalism and Imperialism
Unit-2	Legacy of the Nineteenth Century II: Liberalism and Socialism, Nationalism
Unit-3	World Order up to 1919 I: Origins of first world war, Peace settlement and long-term consequences, Russian revolution, Economic and political aspects, Responses and reactions in the west
Unit-4	World Order up to 1919 II: Russian revolution, Economic and political aspects, Responses and reactions in the west
Unit-5	World between the two wars I: League of Nations, Working of League of Nations and Failure
Unit-6	World between the two wars II: Great Depression and New Economic Deal
Unit-7	World between the two wars III: Ideologies of Nazism and Fascism
Unit-8	Second World war and the new political order I: Origin, nature, results of war
Unit-9	Second World war and the new political order II: Nationalist Movements and decolonization
Unit-10	Second World war and the new political order III: Communist revolution in China
Unit-11	Cold war and its effects I: Ideological and political basis of cold war, Non-Alignment Movement
Unit-12	Cold war and its effects II: UNO concept of world peace, regional tensions, Apartheid Movement
Unit-13	Disintegration of Socialist Block and the end of cold war I: Genesis and process of disintegration, Changes in political order- from bipolar to unipolar
Unit-14	Disintegration of Socialist Block and the end of cold war II: Socialism in decline, Globalization

READINGS:

1. HISTORY OF THE WORLD by ARJUN DEV, ORIENT BLACKSWAN PVT. LTD
2. HISTORY OF MODERN WORLD by B V RAO, STERLING PUBLISHING

3. ISSUES IN TWENTIETH CENTURY WORLD HISTORYM by SNEH MAHAJAN, MACMILLAN

Course Code	DEPOL617	Course Title	POLITICAL PROCESSES IN INDIA	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course, the student will be able to

C01: discuss nature of Indian state, economy and developmental models.

C02: assess the social and civil society movements in consolidating democracy in India.

C03: examine the regional disparities; demand for new states and its implications.

C04: analyse the nature of political party, electoral system and emerging trends.

Unit No.	Content
Unit-1	State, Economy and Development: Definition of State, Changing Perspectives on The Nature Of State, The Economic system in India: Background, Economic Development and Reforms, Economic Reforms and Social Justice
Unit-2	Planning Model: Five Year Plans and Results from 1951-2017
Unit-3	New Economic Policy: Policies Before Liberalization, Policies After Liberalization (1991)
Unit-4	Process of Globalization: Social and Economic Implications and Impact of Globalization on Indian Society
Unit-5	Identity Politics: Religion, Tribe, Caste, Region, and Language.
Unit-6	Social Movements: Dalit Movement, Tribal Movement, Women's Movement, Farmer's Movement and Labour Movement
Unit-7	Civil Society Groups: Civil Society, Non-Governmental Organisations, Non-Party Social Formations, and Social Action Groups.
Unit-8	Regionalization of Indian Politics: Government Actions, States, Union Territories, Regionalism
Unit-9	Regional Disparity: Historical Background, Regional issues, Demand for New States,
Unit-10	Gender and Politics in India: Women's Reservation Bill, Need for Effective Legislation, Encouraging Female Participation
Unit-11	Ideology and Social Basis of Political Parties: National Parties and State Parties.
Unit-12	Electoral Politics: Participation and Contestation, Explaining Electoral Politics in Indian States, Electoral Politics and Democratization, Election Commission, Contesting Elections in India
Unit-13	Election and Emerging Trends in India: Representation, Emerging Trends in the Indian Elections
Unit-14	Political Processes in India, Challenge and Solution: Communalism, Regionalism, Ethnic Assertion

READINGS:

1. POLITICS OF INDIA SINCE INDEPENDENCE by P. R. BRASS, CAMBRIDGE UNIVERSITY PRESS AND FOUNDATION BOOKS
2. STATE AND POLITICS IN INDIA by P. CHATTERJEE, OXFORD UNIVERSITY PRESS

Course Code	DESOC614	Course Title	SOCIOLOGY OF HEALTH	
			WEIGHTAGE	
			CA	ETE(Th.)
			30	70

Course Outcomes: Through this course students should be able to

C01: define the core concepts of the sociology and health and allied areas like social epidemiology.

C02: interpret and classify the available content in health discourse and its embodiment.

C03: solve or plan to resolve the problems in health organization with the practice of community health.

C04: analyze the contrast dimensions between sociology of risk and care system in modern society.

C05: reframe prioritize the social construction of illness and the determinants of health.

C06: design political and economic collaboration for better health and medical practices in the society.

Unit No.	Content
Unit-1	Sociology of health: definition, nature and importance of sociology of health; sociology with health and well-being –interplay of structure and agency
Unit-2	Social epidemiology: epidemiology of diseases, natural history of diseases, ecology of diseases, social etiology, social epidemiology
Unit-3	Health as discourse: understanding health as discourse in foucault term
Unit-4	Health as embodiment: health as process of embodiment.
Unit-5	Hospitals: types of hospitals-general, specialty, sanatoria, dispensaries and cooperative hospitals; hospital as a social organization, functions of hospital, hospital as a community organization, medical social service in hospitals
Unit-6	Community health: primary health centers, their organization and functioning, community health problems in india, concept of integrated health service, implementation and utilization of health programmes in rural and urban communities
Unit-7	Sociology of risk: rise of risk society; risk society and health care
Unit-8	Sociology of care: rise of care society; interplay of care and health
Unit-9	The social construction of illness: rise of medicalization; its implication on health and well being
Unit-10	Social determinants of health: politics and economy of health
Unit-11	The political economy of medicine: bio-politics, political economy of medical knowledge
Unit-12	The state and health: health as a fundamental right, health policy of government of india, medical council of india, health insurance, food and drug adulteration, issues of consumer protection and the government
Unit-13	Therapy and rehabilitation: social components in therapy and rehabilitation, importance of therapy and rehabilitation, principles of rehabilitation, rehabilitation agencies: state and nation, rights and care of handicapped
Unit-14	Social inclusion and exclusion in health: meaning-nature-issues and problems of social inclusion/exclusion among scheduled caste and class-scheduled tribes; women empowerment, and lgbt community in health, illness and pandemic

READINGS:

1. ECOLOGY AND HEALTH by NAYAR, K. R. (2007), APH PUBLISHING CORPORATION.
2. UNDERSTANDING THE SOCIOLOGY OF HEALTH (4TH ED.) by BARRY, A. M., & YUILL, C. (2016), SAGE PUBLICATIONS.
3. THE BLACKWELL COMPANION TO MEDICAL SOCIOLOGY by COCKERHAM, W. C. (ED.). (2006), BLACKWELL.
4. ASIAN BIOTECH: ETHICS AND COMMUNITIES OF FATE by ONG, A., & CHEN, N. (EDS.). (2010), DUKE UNIVERSITY PRESS.