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List of Programme Outcome and Course Outcome

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Learning Outcome-based Curriculum Framework

Programme Outcomes (POs) & Course Outcomes (Cos)

As stated in the Curriculum Framework

The objective of any programme at Higher Education Institute is to prepare their students for the society at large. The University of Delhi envisions all its programmes in the best interest of their students and in this endeavour it offers a new vision to all its Under-Graduate courses. It imbibes a Learning Outcome-based Curriculum Framework (LOCF) for all its Under Graduate programmes.

The LOCF approach is envisioned to provide a focused, outcome-based syllabus at the undergraduate level with an agenda to structure the teaching-learning experiences in a more student-centric manner. The LOCF approach has been adopted to strengthen students' experiences as they engage themselves in the programme of their choice. The Under-Graduate Programmes will prepare the students for both, academia and employability. Each programme vividly elaborates its nature and promises the outcomes that are to be accomplished by studying the courses. The programmes also state the attributes that it offers to inculcate at the graduation level. The graduate attributes encompass values related to well-being, emotional stability, critical thinking, social justice and also skills for employability. In short, each programme prepares students for sustainability and life-long learning.

B. Sc. (Hons.) Computer Science

(As stated in the University of Delhi Framework)

Programme Outcome

Aims of Bachelor Degree Programme in B.Sc. (H) Computer Science

i. Develop theoretical foundations in computer science.

ii. Develop expertise in programming skills using high level programming languages.

iii. Develop skills to design, implement and document the solutions for computational problems.

iv. Develop soft skills to work effectively in a team to solve a problem.

v. Develop the ability to use state of the art technologies.

vi. Inculcating the understanding of the needs of society and the importance of societal obligations.

3. Graduate Attributes in B.Sc. (H) Computer Science Disciplinary knowledge Ability to build (either independently or by joining higher academic program) on of the core computer science concepts learnt in the course. Ability to apply the core computer science concepts to solve the problems in the IT industry.

Problem solving

Graduates are equipped with skills to solve the computational problems at their workplace and for the society.

Cooperation/Team work

Graduates demonstrate competence to use communication skills to participate or lead a team for a new initiative or for solving an existing problem.

Communication Skills

Graduates demonstrate effective communication and presentation skills while interacting with professional peers and in the society.

Scientific reasoning

Given a problem, the graduates will be able to analyse it, suggest solutions, and critically evaluate the solutions proposed by others.

Professional Ethics: Graduates follow ethical principles and commitment to professional ethics, accountability and responsibilities.

4. Qualification Descriptors for Graduates B.Sc. (H) Computer Science

i. Demonstrate coherent knowledge and understanding of the logical organization of a digital computer, its components and working. Understanding of the time and space complexities of algorithms designed to solve computational problems.

ii. Demonstrate programming skills in high level language and an ability to learn a new programming language without substantial effort.

iii. Apply knowledge of logical skills to identify and analyse problems and issues, and seek solutions to real-life problems. For example, creating mobile applications, database applications, and educative computer games.

iv. Enhanced communication and leadership abilities and ability to work and learn in team environment.

v. Understand the needs of society and sensitivity to societal obligations

5. Programme Learning Outcomes for B.Sc. (H) Computer Science

i. Ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.

ii. Ability to design, implement, and evaluate a computer-based system, process, component, or program to solve the given problem.

iii. Ability to communicate effectively through oral and written means.

iv. Ability to work in a team to achieve a common goal

Course Outcomes

Core Course-I: Programming Fundamentals using C++

- Explain the significance of the object-oriented paradigm
- Solve programming problems using object-oriented features.
- Handle external files and exceptions.
- Reuse classes to create new ones.
- Handle exceptions in programs.

Core Course-II: Computer System Architecture

- Design Combinational Circuits
- Design combinational circuits using basic building blocks and simplify them using Boolean algebra and Karnaugh maps. Differentiate between combinational and sequential circuits.
- Represent data in binary form, convert numeric data between different number systems, and perform arithmetic operations in binary.
- Determine various stages of the instruction cycle and describe interrupts and their handling.
- Explain how the CPU communicates with memory and I/O devices.
- Simulate the design of a basic computer using a software tool.

Core Course-III: Programming in JAVA

- Implement Advanced JAVA Concepts
- Implement exception handling and file handling.
- Implement multiple inheritance using interfaces.
- Logically organize classes and interfaces using packages.
- Use AWT and Swing to design GUI applications.

Core Course-IV: Discrete Structure

- Apply Mathematical Structures
- Define mathematical structures (relations, functions, sequences, series, and graphs) and use them to model real-life situations.

- Understand and construct simple mathematical proofs using logical arguments.
- Solve classroom puzzles based on counting principles.
- Compare functions and relations with respect to their growth for large values of the input.

Core Course-V: Data Structures

- Implement and Analyze Data Structures
- Implement and empirically analyze linear and non-linear data structures like arrays, stacks, queues, lists, trees, heaps, and hash tables as abstract data structures.
- Write a program, choosing the data structure best suited for the application at hand.
- Re-write a given program that uses one data structure, using a more appropriate/efficient data structure.
- Write programs using recursion for simple problems and explain the advantages and disadvantages of recursion.
- Identify ethical dilemmas.

Core Course-VI: Operating System

- Implement OS Concepts
- Implement multiprogramming and multithreading concepts for a small operating system.
- Create, delete, and synchronize processes for a small operating system.
- Implement simple memory management techniques.
- Implement CPU and disk scheduling algorithms.
- Use services of a modern operating system efficiently.
- Implement a basic file system.

Core Course-VII: Computer Networks

- Understand Network Components and Protocols
- Describe the hardware and software components of a network and their interrelations.
- Compare OSI and TCP/IP network models.
- Describe, analyze, and compare different data link, network, and transport layer protocols.
- Design/implement data link and network layer protocols in a simulated networking environment.

Core Course-VIII: Design and Analysis of Algorithms

- Develop Efficient Algorithms
- Identify the problem an algorithm solves.
- Write algorithms using the best design techniques, such as iterative, divide-and-conquer, greedy, and dynamic programming, using appropriate data structures.
- Write proofs for the correctness of algorithms.
- Re-write a given algorithm using a more appropriate/efficient design technique.

Core Course-IX: Software Engineering

- Model and Develop Software
- Analyze and model customer requirements and design software accordingly.
- Use a suitable software model for the problem at hand.
- Estimate cost and efforts required in building software.
- Analyze and compute the impact of various risks involved in software development.
- Design and build test cases and perform software testing.

Core Course-X: Database Management Systems

- Manage and Query Databases
- Describe major components of a DBMS and their functions.
- Model an application's data requirements using conceptual modeling tools like ER diagrams and design database schemas based on the conceptual model.
- Write queries in relational algebra and SQL.
- Normalize a given database schema to avoid data anomalies and redundancy.
- Describe indexes, views, constraints, and transactions.

Core Course-XI: Internet Technologies

- Develop Internet Applications
- Describe the Internet, its architecture, services, and protocols.
- Implement a simple search engine.
- Implement a web crawler.
- Use JavaScript technologies to make a website highly responsive, efficient, and user-friendly.

Core Course-XII: Theory of Computation

- Understand Computing Models
- Design a finite automaton, pushdown automaton, or a Turing machine for a given problem.
- Apply the pumping lemma to prove that a language is non-regular or non-context-free.
- Describe the limitations of computing machines.

Core Course-XIII: Artificial Intelligence

- Apply AI Methods
- Identify problems that can be solved using specific AI methods.
- Represent knowledge in Prolog and write code for drawing inferences.
- Identify appropriate AI techniques for the problem at hand.
- Compare the strengths and weaknesses of different AI techniques.
- Develop responsible AI solutions.

Core Course-XIV: Computer Graphics

- Implement Graphics Algorithms
- Describe standard raster and vector scan devices as well as graphical input and output devices.
- Implement algorithms for drawing basic primitives such as lines, circles, and ellipses.
- Implement algorithms for line clipping, polygon clipping, and filling.

Discipline Specific Elective Courses (DSE)

DSE-1: System Programming

- Describe the workings of assemblers and compilers.
- Use Lex/Yacc to build a basic compiler.
- Develop a two-pass assembler.
- Describe the roles of loaders, linkers, and relocatable programs.

DSE-2: Microprocessors

- Describe the internal architecture of Intel microprocessors.
- Define and implement interfaces between the microprocessor and devices.

- Write assembly language programs.

DSE-3: Data Mining

- Pre-process data, including cleaning and transformation.
- Apply classification algorithms to train a classifier and evaluate its performance.
- Apply clustering algorithms to cluster data and evaluate clustering quality.
- Use association rule mining algorithms to generate frequent itemsets and association rules.

DSE-4: Machine Learning

- Differentiate between supervised and unsupervised learning tasks.
- Differentiate between linear and non-linear classifiers.
- Describe the theoretical basis of SVM.
- Implement various machine learning algorithms learned in the course.

Skill Enhancement Elective Courses (SEC)

SEC-1: Programming in Python

- Develop, document, and debug modular Python programs to solve computational problems.
- Select suitable programming constructs and data structures for specific situations.
- Use built-in strings, lists, sets, tuples, and dictionaries in applications.
- Define classes and use them in applications.
- Use files for I/O operations.

SEC-2: Android Programming

- Describe the characteristics of the Android operating system.
- Describe the components of an Android application.
- Design user interfaces using various widgets, dialog boxes, and menus.
- Define interactions among various activities/applications using intents, broadcasting, and services.
- Develop Android applications that require database handling.

B.A.(Hons). Economics

Programme Outcome

Learning Outcomes-Based Approach to Curriculum Planning and Development

The B.A. (Hons) Economics program establishes a strong foundation for advanced concepts in the field of Economics. It equips students with a logical framework for modeling and interpreting the behavior and interactions of households, firms, and government institutions. Aligning with global standards, the program offers training comparable to that of top universities worldwide. The curriculum includes elective courses with contemporary relevance, allowing students flexibility in preparing for careers in academia, law, management, journalism, government, and other fields.

Aims of the Bachelor's Degree Program

The program aims to:

- Train students in fundamental economic theory.
- Equip students with the mathematical and statistical techniques essential for understanding the discipline.
- Discuss real-world economic issues and global challenges.
- Enable students to identify appropriate policy responses to economic problems.
- Train students in primary data collection and sampling techniques.
- Teach students to use statistical and econometric methods to validate economic theories.
- Develop students' skills in economic modeling.

Graduate Attributes

Upon completion, graduates will possess the skills to understand and logically analyze major economic phenomena. They will be able to evaluate government policies and regulations and understand their significance. Graduates will comprehend how economies function and how decisions are made by consumers, producers, and regulators, enabling them to identify, analyze, and solve problems efficiently. The program provides essential economic theory and the ability to process and analyze economic data based on sound statistical principles, leading to meaningful economic conclusions.

Program-Specific Outcomes

Students will:

- Gain an understanding of basic economic theory.
- Learn the mathematical and statistical techniques necessary for a comprehensive understanding of the discipline.

- Be introduced to real-world economic issues and problems faced by the country and the world.

- Develop an understanding of appropriate policy responses to economic challenges.

- Receive training in primary data collection and sampling techniques.

- Learn to apply scientific empirical methods to validate economic theories.

- Acquire skills in the art of economic modeling.

Course Outcomes

Core Courses

Mathematical Methods for Economics – I

CO1: Learn the basic mathematical foundations.

CO2: Acquire skills for further studies in disciplines like economics, statistics, computer science, finance, and data analytics.

CO3: Learn analytical tools used in optimization techniques for business decision making.

Introductory Microeconomics

CO1: Understand individual decision making as consumers and producers.

CO2: Learn basic principles of microeconomics, including supply and demand interactions and market structures.

Mathematical Methods for Economics – II

CO1: Advance mathematical foundations for postgraduate studies in various disciplines.

CO2: Learn analytical tools for optimization techniques used in business decision making.

Introductory Macroeconomics

CO1: Understand frameworks for analyzing economic issues like inflation, money supply, and GDP.

CO2: Enhance the ability to critically evaluate macroeconomic policies.

Intermediate Microeconomics – I

CO1: Learn consumer theory, production theory, and the functioning of competitive markets.

CO2: Apply mathematical techniques to intermediate level microeconomic analysis.

Intermediate Macroeconomics – I

CO1: Analyze macroeconomic performance using formal tools.

CO2: Evaluate macroeconomic policies and their implications.

Statistical Methods for Economics

CO1: Understand random variables and common distributions.

CO2: Estimate population parameters and test hypotheses.

CO3: Analyze statistics in daily life and distinguish systematic differences among populations.

Intermediate Microeconomics – II

CO1: Understand market efficiency and failures.

CO2: Learn about market imperfections and failures.

Intermediate Macroeconomics – II

CO1: Combine macroeconomic knowledge with phenomena like economic growth and technological progress.

CO2: Understand business cycles and the role of policies.

Introductory Econometrics

CO1: Estimate linear models using ordinary least squares.

CO2: Understand biases from misspecified models.

Indian Economy – I

CO1: Understand the development paradigm adopted in India since independence.

CO2: Evaluate its impact on economic and social indicators.

Development Economics – I

CO1: Learn the basic concepts of development economics.

CO2: Understand growth, poverty, inequality, and political institutions.

Indian Economy – II

CO1: Understand the role of economic policies in agriculture, manufacturing, and services.

Development Economics – II

CO1: Understand aspects of the Indian economy and themes related to the environment and sustainable development.

CO2: Learn issues related to globalization.

Discipline Specific Elective (DSE) Courses

DSE1: Financial Economics

CO1: Acquire theoretical knowledge in portfolio risk management, capital asset pricing, and financial derivatives.

CO2: Understand terms and concepts related to financial markets.

CO3: Enhance understanding of reallife investment decisions and employability in the financial sector.

DSE2: International Trade

CO1: Understand theoretical and empirical concepts in international trade.

CO2: Demonstrate understanding of trade theory.

CO3: Solve algebraic problems, analyze economic welfare effects, and understand trade policies.

DSE3: Public Economics

CO1: Understand theoretical and empirical concepts in public economics.

CO2: Grasp implications of government intervention.

CO3: Use algebra and diagrammatic analysis to understand public policies.

DSE4: Environmental Economics

CO1: Understand theoretical and empirical concepts in environmental economics.

CO2: Grasp environmental policy theory and valuation.

CO3: Analyze economic welfare effects and understand environmental policies.

DSE5: Money and Financial Markets

CO1: Understand current monetary policies and financial market outcomes and critically evaluate policies.

DSE6: Open Economy Macroeconomics

CO1: Understand exchange rates, interest rates, capital movements, and monetary policy settings.

CO2: Analyze macroeconomic events and policy effects over time.

CO3: Suggest policies and consider their long term effects.

Skill Enhancement Elective Courses (SEC)

SEC1: Data Analysis

CO1: Learn about data types, organization, and visual representation.

CO2: Compute summary statistics and perform basic statistical inference.

SEC2: Research Methodology

CO1: Develop skills for data based research.

CO2: Execute sample surveys and utilize secondary data sources.

SEC3: Contemporary Economic Issues

CO1: Understand government policies and participate in economic decision making.

B.Com. (Hons.)

Programme Outcome

Nature and Extent of the Programme in B.Com. (Hons.)

The courses of this programme have been designed to promote understanding of the issues confronting the business world and the economy as a whole. The Programme will help understand various systems, policy framework and strategies needed to administer the rapid changes in an organization's globally oriented environment like equipping students with an understanding of the financial system, its constituents, the principles on which it operates, inter-linkages and regulatory concerns apart from exposure of different functional domains of management.

Aims of Bachelor Degree Programme in B.Com. (Hons.)

• This programme will instil in the students the knowledge and capability of understanding the business world and its complexities. It will also develop the ability and competence to have a problem-solving approach towards the issues which accompany the dynamism attached to the business world.

• This degree course intends to inculcate attitudes and character that will help students evolve into sensitive and technically sound future business leaders rather than managers and aims at enhancing employability options of the students. The curriculum helps instilling learnability among students for upskilling and reskilling even in later part of life.

Graduate Attributes in B.Com. (Hons.)

After completing this programme (under CBCS), the students will be able to prepare a progressive mindset by developing following attributes, qualities and skills:

Disciplinary Knowledge

The curriculum planning of B.Com. (Hons.) course envisages the students demonstrating inclusive knowledge of the areas related to finance, human resource management, marketing, international business, corporate and business laws, accounting and taxation etc. The students will be made capable of using modern ways and means of dealing with issues arising in the dynamic business world and will also help them tackle the resistances.

Critical Thinking

The graduates of this programme will be trained to develop skills and attitudes needed for critical thinking and adopting a comprehensive problem solving approach. They shall be exposed to the pedagogy that helps them understand real life situations through case-studies. It aims at building the basic ability to think critically, evaluate dispassionately and solve complex problems creatively. The content is organised in such a way that the students would be able to think from diverse perspectives and suggest solutions according to their own sensibilities.

Communication Skills

The teaching learning pedagogies used in the programme make the students capable enough to deliver and communicate information effectively with a mark.

Cooperation/Team Work

The curriculum also inculcates in the young minds the qualities of teamwork, cooperation and solidarity which can be seen as a vision of the current business world though full of competition. The courses included in the programme teach the students to cultivate such characteristics keeping the larger societal goal in mind.

Research Related Skills

The curriculum planning of B.Com. (Hons.) programme not only infuses into the students the skillset and competence required to maintain the national standards but also makes them competent enough to be capable of comprehending international frameworks keeping in view research aspects in consideration. The courses make them understand the need of the current business world and make them capable to look at various aspects from global perspective.

The courses aim at instituting entrepreneurial skills in the students by instilling in them competencies needed to become an entrepreneur. These would lead to develop an attitude of life-long learning.

Moral and Ethical Awareness

The courses also involve training the students to check unethical behaviour, falsification and manipulation of information in order to avoid debacles which can be seen rising persistently over the period of time. It would also help in making responsible citizens and facilitate character building.

Lifelong Learning

This course broadens the horizons of the students by making them understand the intricacies of the business world and overall the economics of the country as well as the world. This learning makes them inquisitive to raise concerns and act accordingly. The curriculum is designed in such a way that the students are driven to develop an attitude of life-long learning.

Information/Digital literacy

This programme enables the students to be technologically updated as it has courses like computerised accounting system, computer applications etc. which not only make them work using software but also makes them independent enough in this world of digitization. In all the courses, wherever applicable and possible, components related to technological changes have been incorporated which not only makes them digitally literate but also makes them aware of various cyber-crimes and how to take precautionary measures.

Multicultural Competence

The courses of this programme give a global perspective to the students such that they will be able to integrate national values and beliefs with international culture and competence.

Reflective Thinking

This programme enables the student to analyse the situation objectively and give effective arguments and judgments on the basis of the analysis being done. This programme teaches the student how to move sequentially in order to solve a problem effectively.

Scientific reasoning

This programme enables the students to think of a given problem or situation from different perspectives like economic, financial, social, national, global etc. and broadens the horizon of their thought processes. It not only helps the students add dimensions to its decision making but also in reaching to inclusive conclusions.

Programme Learning Outcomes for B.Com. (Hons.)

B.Com (Hons.) Programme aims to equip students with the knowledge, skills and attitude to meet the challenges of the modern-day business organizations. The curriculum of B.Com. (Hons.) degree provides a carefully selected subject combination of Accounting, Economics, Finance, Management, Tax, Marketing and Law etc. The programme aims to nurture the students in intellectual, personal, interpersonal and social skills with a focus on Holistic Education and development to make informed and ethical decisions and equips graduates with the skills required to lead management position. This programme brings out reflective and scientific thinking in the students which makes them inquisitive and curious to get deep insights of the business world and tackle the complex situations with much knowledge and wisdom.

Course Outcome

BCH 1.2- Financial Accounting

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

CO2: explain and determine depreciation and value of inventory.

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

CO4: understand the concepts of partnership firm and prepareaccounts for dissolution of a partnership firm.

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

BCH 1.3- Business Law

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

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

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

CO4: enable with skills to initiate entrepreneurial ventures as LLP.

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

Paper BCH 2.2: CORPORATE ACCOUNTING

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

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

CO2: prepare financial statements of a company

CO3: develop an understanding of cash flow statements

CO4: understand the accounting for amalgamation and liquidation of companies

CO5: prepare consolidated balance sheet for Holding company

BCH 2.3: CORPORATE LAWS

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

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

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

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

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

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

Paper BCH 3.1: HUMAN RESOURCE MANAGEMENT

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

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

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

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

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

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

Paper BCH 3.2: INCOME TAX LAW AND PRACTICE

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

CO1: understand the basic concepts in the law of income tax and determine the residential status of different persons.

CO2: identify the five heads in which income is categorised and compute income under the heads ‘Salaries’ and ‘Income from House Property’.

CO3: compute income under the head ‘ Profits and gains of business or profession’, ‘Capital gains’ and ‘Income from other sources’.

CO4: understand clubbing provisions, aggregate income after set-off and carry forward of losses, and deductions allowed under the Income Tax Act; and further to compute taxable income and tax liability of individuals and firms.

CO5: develop the ability to file online returns of income.

Paper BCH 3.3: MANAGEMENT PRINCIPLES AND APPLICATIONS

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

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

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

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

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

CO5: appreciate the changing dynamics of management practice.

Paper BCH 3.5(a): E-COMMERCE

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

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

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

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

CO4: identify the emerging modes of e-payment.

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

Paper BCH 3.5(b): TRAINING AND DEVELOPMENT

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

CO1: learn the practical applications of training and development theories in recent times.

CO2: learn to design training programmes for diverse workforce.

CO3: understand the role of development officers.

CO4: evaluate training and development programmes.

CO5: recognize the mechanism of career development programmes.

Paper BCH 3.5(c): DIGITAL MARKETING

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

CO1: identify and assess the impact of digital technology in transforming the business environment and also the customer journey.

CO2: understand how marketers think, conceptualize, test continuously to optimise their product search on digital platforms.

CO3: illustrate how the effectiveness of a digital marketing campaign can be measured

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

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

Paper BCH 3.5(d): PERSONAL TAX PLANNING

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

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

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

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

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

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

Paper BCH 3.5(e): COMMUNICATION AND DOCUMENTATION IN BUSINESS

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

CO1: realize the significance of effective communication in business.

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

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

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

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

Paper BCH 3.5(f): PERSONAL FINANCE AND PLANNING

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

CO1: understand the meaning and relevance of Financial Planning.

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

CO3: examine concept of Personal Tax Planning.

CO4: analyze Insurance Planning and its relevance

CO5: develop insights in to Retirement planning and its relevance

Paper BCH 4.1: COST ACCOUNTING

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

CO1: understand thoroughly the conceptual framework of Cost Accounting; identification of differences between different financial and cost accounting; cost concepts and elements of cost; preparation of cost sheet.

CO2: understand the accounting and control of material and labour cost.

CO3: develop ability to understand classification, allocation, apportionment and absorption of overheads in cost determination; under and over absorption of overheads; treatment of various item of overheads

CO4: develop ability to calculate the cost of products, jobs, contracts, processes and services after understanding the basic concepts and processes involved in them.

CO5: understand cost accounting book keeping systems and reconciliation of cost and financial account profits.

Paper BCH 4.2: BUSINESS MATHEMATICS

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

CO1: comprehend the concept of systematic processing and interpreting the information in quantitative terms to arrive at an optimum solution to business problems.

CO2: develop proficiency in using different mathematical tools (matrices, calculus, linear programming, and mathematics of finance) in solving daily life problems.

CO3: acquire competence to use computer for mathematical computations, especially with Big data.

CO4: obtain critical thinking and problem-solving aptitude.

CO5: evaluate the role played by mathematics in the world of business and economy.

Paper BCH 4.3: COMPUTER APPLICATIONS IN BUSINESS

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

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

CO2: handle document creation for communication.

CO3: acquire skills to create and make good presentations

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

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

Paper BCH 4.5(a): COMPUTERISED ACCOUNTING SYSTEM

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

CO1: understand Computerized Accounting System environment

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

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

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

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

Paper BCH 4.5(b): BUSINESS RESEARCH METHODS AND ANALYTICS

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

CO1: understand meaning and scope of business research.

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

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

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

CO5: have basic learning of analytics in business.

Paper BCH 4.5(c): LEADERSHIP AND TEAM DEVELOPMENT

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

CO1: gain theoretical and practical knowledge to evaluate leadership skills, styles and strategies in contemporary world so as to become a successful leader and effective employee in organisation.

CO2: understand the group dynamics and group decision making so as to develop acumen to utilize the leadership and team building concepts, tools and techniques to handle the complex organisational problems at different levels.

CO3: recognize the dynamics of group decision making.

CO4: understand the working of various teams in organisations.

CO5: evaluate the role of women as leader and using various social media platforms as effective means of communication in contemporary world as a leader.

Paper BCH 4.5(d): COLLECTIVE BARGAINING AND NEGOTIATION SKILLS

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

CO1: identify issues in collective bargaining, its significance.

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

CO3: work on liaison in negotiations

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

CO5: administer the negotiation agreement and handle grievance management.

Paper BCH 4.5(e): E-FILING OF RETURNS

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

CO1: know the difference between e-filing and regular filing of Income tax returns and understand the circumstances when e-filling is mandatory.

CO2: understand the basic process of computing taxable income and tax liability, and know about various types of income tax return forms.

CO3: understand the concept of advance payment of tax and tax deduction at source and develop the ability of e-filing of TDS returns.

CO4: become aware of the basic framework and structure of GST, including the meaning of input tax credit and the process of its utilization.

CO5: know about various types of GST returns and their filing.

Paper BCH 4.5(f): CYBER CRIMES AND LAWS

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

CO1: identify cyber risk associated with online activities

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

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

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

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

Paper BCH 5.1: PRINCIPLES OF MARKETING

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

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

CO2: understand the dynamics of consumer behaviour and process of market selection through STP stages. CO3: understand and analyze the process of value creation through marketing decisions involving product development.

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

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

Paper BCH 5.2: FINANCIAL MANAGEMENT

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

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

CO2 – analyze capital budgeting process and capital budgeting techniques

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

CO4 - critically examine various theories of dividend and factors affecting dividend policy

CO5 - evaluate working capital requirement

Paper BCH 5.3(a): MANAGEMENT ACCOUNTING

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

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

CO2: understand the concept of marginal cost and marginal costing; preparation of income statements using absorption and variable costing; learning of cost-volume-profit

analysis and break-even analysis using mathematical and graphical approaches; and the application in businesses.

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

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

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

Paper BCH 5.3(b): ORGANISATIONAL BEHAVIOR

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

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

CO2: understand how individuals behave under different conditions and why individuals behave as they do. CO3: appreciate different theories of motivation.

CO4: critically evaluate leadership styles and strategies.

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

Paper BCH 5.3(c): MACRO ECONOMICS

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

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

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

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

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

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

Paper BCH 5.3(d): ENTREPRENEURSHIP DEVELOPMENT

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

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

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

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

CO4: understand entrepreneurial process for initiating new venture creation.

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

Paper BCH 5.4(a): CORPORATE TAX PLANNING

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

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

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

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

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

CO5: understand tax planning with reference to business restructuring.

Paper BCH 5.4(b): FINANCIAL MARKETS, INSTITUTIONS & SERVICES

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

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

CO2: understand the concepts of Money Market and Capital Market

CO3: explain Commercial Banking and its Current developments.

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

CO5: examine the Financial Services Industry

Paper BCH 5.4(c): ADVERTISING AND PERSONAL SELLING

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

CO1: understand the communication objectives behind advertising and promotions.

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

CO3: identify the ethical and legal issues of advertising.

CO4: comprehend the importance and role of personal selling.

CO5: understand the process of personal selling.

Paper BCH 5.4(d): BUSINESS STATISTICS

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

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

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

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

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

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

Paper BCH 6.1: AUDITING AND CORPORATE GOVERNANCE

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

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

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

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

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

CO5: recognise the essence of ethics in business.

Paper BCH 6.2: GOODS & SERVICES TAX (GST) AND CUSTOMS LAW

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

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

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

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

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

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

Paper BCH 6.3(a): FUNDAMENTALS OF INVESTMENT

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

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

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

CO3: examine equity approaches.

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

CO5: evaluate investors protection framework.

Paper BCH 6.3(b): COMPENSATION MANAGEMENT

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

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

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

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

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

CO5: know various compensation laws to meet employee satisfaction.

Paper BCH 6.3(c): BUSINESS TAX PROCEDURE AND MANAGEMENT

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

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

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

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

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

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

Paper BCH 6.3(d): CONSUMER AFFAIRS & CUSTOMER CARE

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

CO1: understand the importance of consumer buying process and to identify the ethical and legal issues in advertisements and in packaging.

CO2: learn how to pursue the consumer rights under consumer protection act 1986.

CO3: understand the procedure of filing a complaint.

CO4: analyse the role of industry regulators in consumer protection.

CO5: comprehend the hearings, enquiry and appeal provisions.

Paper BCH 6.4(a): FINANCIAL REPORTING AND ANALYSIS

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

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

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

CO3: explain techniques of analysis of financial statements

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

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

Paper BCH 6.4(b): BANKING & INSURANCE.

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

CO1: understand the meaning and scope of Banking with functions of Banks and their role into banking

CO2: familiarize with regard to operations of Banking and various services and benefits.

CO3: develop insights on lending operations of banking and causes of NPA into banking sector.

CO4: acquaint with the concept of Insurance through functions and fundamental principles of Insurance.

CO5; understand the types of Insurance and Regulatory framework of Insurance.

Paper BCH 6.4(c): PROJECT MANAGEMENT AND TECHNIQUES

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

CO1: explain the concept and attributes of projects, project management system, process and its principles

CO2: perform technical feasibility, marketing feasibility and commercial viability using NPV, and further to understand tax and legal aspects of a project.

CO3: analyse project appraisal in public & private sector and estimate shadow prices and social discount rate.

CO4: examine project risk and performance assessment.

CO5: evaluate project management techniques using case studies.

Paper BCH 6.4(d): INTERNATIONAL BUSINESS

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

CO1: understand the process of globalization, its impact on the evolution and growth of international business and to appreciate the changing dynamics of the diverse international business environment.

CO2: analyze the theoretical dimensions of international trade and intervention measures adopted; to appreciate the significance of different forms of regional economic integration and to understand the concept of Balance of payment account and its components.

CO3: understand the significance of different forms of regional economic integration and to appreciate the role played by various international economic organisations such as the WTO, UNCTAD, IMF and World Bank.

CO4: familiarize students with the international financial environment, and get them acquainted with the basic features of the foreign exchange market – its characteristics and determinants.

CO5: critically examine the concept and form of foreign direct investment, and to create awareness about emerging issues in international business such as outsourcing and ecological issues.

Paper BCH 6.4(e): INDUSTRIAL RELATIONS AND LABOUR LAWS

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

CO1: understand evolution of industrial relations and its significance in managerial world.

CO2: imbibe how to interact, negotiate and transact with trade unions.

CO3: acquaint with the basic framework of collective bargaining and workers' participation.

CO4: design and understand the discipline measures and address grievance mechanisms.

CO5: understand the legal structure provided for grievance handling under the Industrial Disputes Act 1947.

Paper BCH 1.4(a): BASICS OF ACCOUNTING

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

CO1: gain an understanding of theoretical framework of accounting

CO2: explain the concept of accounting equation and accounting process

CO3: develop understanding of depreciation and inventory

CO4: understand financial statements of a company

CO5: state the meaning, objectives and significance of different types of ratios.

Paper BCH 1.4(b): BUSINESS ORGANISATION AND MANAGEMENT

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

CO1: learn business activities to compete in competitive world.

CO2: understand entrepreneurship from local to international perspective.

CO3: evaluate the application of functional areas of business activity.

CO4: analyze decision making and communication.

CO5: evaluate the impact of legal, social, and economic environment on business.

Paper BCH 2.4(a): ENTREPRENEURSHIP

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

CO1: understand entrepreneurship as volition in context of India.

CO2: gather knowledge and ideas on the existing support system for entrepreneurial orientation.

CO3: understand enterprise formation process for gaining ideas as to creation of an enterprise for pursuing a career.

CO4: understand requirements of post-enterprise creation for effective operation of the business.

CO5: gain knowledge on available growth strategies for implementing effective suitable strategy for expansion and growth.

Paper BCH 2.4(b): FINANCE FOR NON-FINANCE EXECUTIVES

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

CO1: understand the overview of finance, concept of time value of money as well as concept of risk & return

CO2: learn financial analysis with the aid of various financial statements & analyze capital budgeting process and techniques.

CO3: analyze cost of capital, capital structure and leverage

CO4: examine dividend & working capital dividend decisions

CO5: perform valuation of securities.

Paper BCH 3.4(a): INVESTING IN STOCK MARKETS

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

CO1: learn the basics of investing in stock market, the investment environment as well as risk & return

CO2: analyze indian securities market including the derivatives market

CO3: examine EIC framework and conduct fundamental analysis

CO4: perform technical analysis

CO5: invest in mutual funds market.

Paper BCH 3.4(b): HUMAN RESOURCE MANAGEMENT

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

CO1: understand different tools used in forecasting and planning human resource needs.

CO2: demonstrate the ability to prepare a selection strategy for a specific job.

CO3: understand the significance of different methods of performance appraisal.

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

CO5: understand modern HRM to meet the challenges of changing business environment.

Paper BCH 3.4(c): FUNDAMENTALS OF MARKETING

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

CO1: learn the basic concepts and principles of marketing and to develop their conceptual skill to be able to manage marketing operations of a business firm.

CO2: understand the complexities involved in various targeting and positioning decisions.

CO3: take effective decisions for launching new products and to understand the implications of different pricing strategies.

C04: develop the skills to design the promotion-mix strategies

C05: familiarize about the current trends in marketing to take proactive measures while taking marketing decisions.

Paper BCH 4.4(a): INSURANCE & RISK MANAGEMENT

Course Learning Outcomes After completing the course, the student shall be able to:

CO1: understand the Concept of Risk, it's types, sources and measurements.

CO2 : learn the Concepts and Principles of Insurance and its operations.

CO3: develop insights into various types of Insurance

CO4: examine the Legal aspects of Insurance contract and Actuaries

CO5: familiarize with the Regulatory Framework of Insurance.

Paper BCH 4.4(b): PROJECT MANAGEMENT & TECHNIQUES

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

CO1 familiarize with the concept of project management and its attributes

CO2 understand project planning and project analysis

CO3 perform project appraisal.

CO4 examine project risk and conduct performance assessment and quality management of the project

CO5 learn cases in project management.

B. Com Programme

Programme Outcome

Learning Outcome-based Curriculum Framework

Nature and Extent of the Programme in B.Com.

Commerce as a subject involves the study of activities related to trade, business, exchange and allied areas like laws, governance and accounting in order to run business enterprises smoothly. The key areas of study within the discipline of commerce comprise: accounting, finance, human resource management, marketing, economics, use of IT etc. The depth of the courses would vary in accordance with the nature of topic in relation to their respective relevance and industry demand in the current scenario. Also, in order to enhance the options of employability, experiential and practical approach will be followed in respect of topics which demand hands-on exposure. Focus would be on helping the students simulate themselves in the actual working situations like analysing annual reports and balance sheets, working on live software etc.

Aims of Bachelor Degree Programme in B.Com.

• To instil in students the basic knowledge and fundamentals of commerce and business which would be beneficial for them to comprehend, analyse and evaluate the current economic/business scenario of the country and the world at large.

• To develop in students the capability to transform theoretical and conceptual knowledge into practical problem-solving approach using critical thinking.

• To develop skills which would help them undertake research and innovations in commerce and would enhance their employability.

Graduate Attributes in B.Com.

After completion of this program (under LOCF), the students will be able to acquire the following attributes, qualities and skills:

Disciplinary Knowledge

The curriculum planning of B.Com. programme envisages the students demonstrating fundamental knowledge of the areas related to finance, accounting, human resource management, international business, corporate and business laws, taxation, marketing etc. The students will be made capable of evaluating diverse perspectives provided bythe prism of these areas and a comprehensive picture of business situations, using modern ways and means of dealing with issues arising in the dynamic business world.

Communication Skills

The teaching learning pedagogies used in the programme will make the students capable enough to deliver and communicate information pertaining to business effectively.

Problem Solving

The B.Com. involves acquainting the students with problem solving techniques by providing them with real life situations through case-studies. The students shall be able to develop better sense of problem solving after going through the courses.

Analytical Reasoning

The courses offer opportunity for students to develop analytical reasoning through their active participation and involvement in teaching-learning process as envisioned in the student centric approach.

Cooperation/Team Work

The curriculum also inculcates in the young minds the qualities of teamwork, cooperation and solidarity which can be seen as a vision of the current business world. They shall be able to gain insight into the need to balance the aspects of collaboration and competition for healthier delivery to society whose hallmark currently is fierce competition. The courses included in the programme teach the students to cultivate such characteristics keeping the larger societal welfare and sustenance in mind.

Research-related skills

The courses make them understand the need of the current business world and make them capable to view different aspects and dimensions from global perspective. The courses are designed in such a way that the learners are encouraged to seek deeper understanding of issues and develop research abilities.

Moral and ethical awareness/reasoning

The courses also involve training the students to check unethical behaviour, falsification and manipulation of information in order to avoid debacles which can be seen rising persistently over the period of time.

Lifelong Learning

The courses are formulated to develop a sense of attitude towards life-long learning as the world of business is constantly in a state of flux. The course content shall help students build on sustaining themselves and being relevant in all times through having such an attitude.

Leadership readiness/qualities

The programme shall be able to inculcate management skills like teamwork, cooperation, motivation and leadership etc. that help build the character of a future employee and facilitate him/her in inspiring others in an organisation. The courses would be able to make the students capable of handling present complexities and future challenges.

Information/Digital Literacy

The courses in this programme help the students acquire knowledge of computers and become digitally literate by learning basics of computers and computerized accounting, thus becoming self-reliant.

Programme Learning Outcomes for B.Com.

B.Com offers a deep dive into various facets of commerce and business. The curriculum of this programme provides a carefully selected subject combination of Accounting, Management, Tax, Finance, Marketing and Law. The programme will be able to make the students blend theoretical concepts with practice, furthering students with a better skillset and a fresh perspective. This programme will be able to give insight to the students of the day to day commercial procedures for becoming good leaders and assets for an organization.

Course Outcomes

Core Courses
BC 1.2 - Financial Accounting

By the end of the course, students will be able to:

CO1: Build an understanding of the theoretical framework of accounting and prepare financial statements.

CO2: Explain and determine depreciation and inventory value.

CO3: Develop an understanding of accounting for hire purchase transactions and lease transactions.

CO4: Understand branch and departmental accounting.

CO5: Develop the skill to prepare a trading and profit and loss account and balance sheet using computerized accounting or prepare accounts for the dissolution of a partnership firm.

BC 1.3 - Business Organisation & Management

By the end of the course, students will be able to:

CO1: Understand the dynamics of business organizations and management practices with respect to stakeholders.

CO2: Understand varied perspectives related to the business environment and entrepreneurship.

CO3: Analyze how organizations adapt to an uncertain environment and decipher decision-making techniques managers use to influence and control the internal environment.

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

CO5: Appreciate the change in working patterns of modern organizations.

BC 2.2 - Business Laws

By the end of the course, students will be able to:

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

CO2: Handle the execution of special contracts used in different types of businesses.

CO3: Learn legitimate rights and obligations under The Sale of Goods Act.

CO4: Acquire skills to initiate entrepreneurial ventures as LLP.

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

BC 2.3 - Business Mathematics & Statistics

By the end of the course, students will be able to:

CO1: Acquire proficiency in using different mathematical tools (matrices, calculus, and mathematics of finance) in solving real-life business and economic problems.

CO2: Develop an understanding of the various averages and measures of dispersion to describe statistical data.

CO3: Understand the relationship between two variables through correlation and regression.

CO4: Understand the construction and application of index numbers to real-life situations.

CO5: Understand trends and tendencies over a period of time through time series analysis.

BC 3.1 - Company Law

By the end of the course, students will be able to:

CO1: Understand the rules and broader procedural aspects involved in different types of companies covering the Companies Act 2013.

CO2: Comprehend and appropriately use the basic legal documents essential for the operations and management of a company.

CO3: Distinguish between varied company processes, meetings, and decisions.

CO4: Know the framework of dividend distribution and the role of auditors in a company.

CO5: Understand and evaluate the working of depositories and their functions for working in the stock market.

BC 3.2 - Income Tax Law & Practice

By the end of the course, students will be able to:

CO1: Understand the basic concepts in the law of income tax and determine the residential status of different persons.

CO2: Identify the five heads in which income is categorized and compute income under the heads ‘Salaries’ and ‘Income from House Property’.

CO3: Compute income under the heads ‘Profits and Gains of Business or Profession’, ‘Capital Gains’, and ‘Income from Other Sources’.

CO4: Understand clubbing provisions, aggregate income after set-off and carry forward of losses, and deductions allowed under the Income Tax Act.

CO5: Compute the tax liability of individuals and firms and understand the provisions of filing returns of income.

BC 4.2 - Corporate Accounting

By the end of the course, students will be able to:

CO1: Develop an understanding of accounting for share capital and debentures.

CO2: Prepare financial statements of a company.

CO3: Develop an understanding of cash flow statements.

CO4: Understand accounting for the amalgamation of companies.

CO5: Prepare consolidated balance sheets for holding companies.

BC 4.3 - Cost Accounting

By the end of the course, students will be able to:

CO1: Understand the conceptual framework of Cost Accounting.

CO2: Understand in detail the accounting and control of material and labor costs.

CO3: Understand the classification, allocation, apportionment, and absorption of overheads in cost determination.

CO4: Calculate the cost of products, jobs, contracts, processes, and services.

CO5: Have a basic understanding of cost accounting bookkeeping systems and reconciliation of cost and financial account profits.

Discipline Specific Elective Courses (DSE)

DSE-1: BC 5.1 (a) - Human Resource Management

By the end of the course, students will be able to:

CO1: Understand the concept of HRM and its role in effective business administration.

CO2: Understand the role of recruitment and selection in relation to an organization's business and HRM objectives.

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

CO4: Design compensation schemes that are cost-effective, increase workforce productivity, and comply with the legal framework.

CO5: Recognize emerging horizons of HRM, including international HRM, e-HRM, and HRIS.

DSE-2: BC 5.2 (a) - Fundamentals of Financial Management

By the end of the course, students will be able to:

CO1: Explain the nature, scope, and objectives of financial management, including the Time Value of Money, Risk & Return.

CO2: Analyze the Capital Budgeting Process and Techniques, including NPV, IRR, and Profitability Index.

CO3: Examine various Capital Structure theories and estimate the cost of capital.

CO4: Critically examine basic theories and policies of dividends.

CO5: Estimate working capital, with an overview of cash receivables and inventory management.

DSE-3: BC 6.1 (c) - Management Accounting

By the end of the course, students will be able to:

CO1: Understand the conceptual framework of Management Accounting, including different forms of accounting (Financial, Cost, and Managerial), types of costs for decision-making and cost control, cost control, and cost reduction.

CO2: Understand the concept of marginal cost and marginal costing, prepare income statements using absorption and variable costing, learn cost-volume-profit analysis and break-even analysis using mathematical and graphical approaches, and apply them in businesses.

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

CO4: Understand the preparation of various types of budgets and the budgetary control system as a tool for managerial planning and control; learn the standard costing system as a tool for managerial control; calculate variances in respect of each element of cost and sales; understand control ratios.

CO5: Have a basic understanding of techniques of performance measurement such as Responsibility Accounting, Divisional Performance Measurement, and Transfer Pricing.

DSE-4: BC 6.2 (b) - Fundamentals of Investment

By the end of the course, students will be able to:

CO1: Acquaint with the investment environment and the concept of return & risk.

CO2: Develop an understanding of bond valuation and the role of credit rating agencies.

CO3: Understand the methods of equity analysis approaches.

CO4: Analyze a two-securities portfolio using the Harry Markowitz model and CAPM, Mutual Funds, and Financial Derivatives.

CO5: Examine the investors' protection framework.

DSE-4: BC 6.2 (d) - Organizational Behaviour

By the end of the course, students will be able to:

CO1: Understand the development of organizational behavior and its importance in managing people at the workplace.

CO2: Understand human behavior as an individual.

CO3: Appreciate different theories of motivation.

CO4: Critically evaluate leadership styles and strategies.

CO5: Understand the importance of organizational culture and learn to deal with change and stress.

Skill Enhancement Courses (SEC)

AEEC-1: Cyber Crimes & Laws

By the end of the course, students will be able to:

CO1: Identify cyber risks associated with online activities.

CO2: Learn safe working practices in environments with varied access points, data sources, network, and system-related issues, especially in online transactions.

CO3: Identify the threats associated with using different popular virtual places or platforms.

CO4: Generate and preserve electronic evidence for personal and professional use.

CO5: Work in virtual spaces safely and ensure business processes or products conform to the regulatory framework and do not fall under the ambit of cyber-crimes.

AEEC-2: Investing in Stock Markets

By the end of the course, students will be able to:

CO1: Understand the basics of investing, the investment environment, and risk & return.

CO2: Learn about the Indian securities market, including the derivatives market.

CO3: Learn the EIC framework and conduct fundamental analysis.

CO4: Understand technical analysis.

CO5: Understand the mutual funds market and learn to invest in mutual funds.

AEEC-3: Entrepreneurship Development

By the end of the course, students will be able to:

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

CO2: Link individual capability and strength as guiding factors toward entrepreneurial orientation and commitment to act as an agent of social change through entrepreneurial participation.

CO3: Understand the entrepreneurial process for initiating new venture creation.

CO4: Understand the social support system for garnering strength towards entrepreneurial preferences.

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

AEEC-4: Advertising, Personal Selling & Salesmanship

By the end of the course, students will be able to:

CO1: Understand the communication objectives behind advertising and promotions.

CO2: Understand the various message and media elements in advertising decisions.

CO3: Analyze the effectiveness of advertising.

CO4: Comprehend the importance and role of personal selling.

CO5: Understand the process of personal selling.

B.A. (Honours) in English

Programme Outcome

The BA (Honours) in English Literature program aims to develop the following outcomes in students:

Disciplinary Knowledge:

- Identify, speak, and write about various literary genres, forms, periods, and movements.

- Understand and engage with different literary and critical concepts and categories.

- Read texts closely, paying attention to themes, genres, historical contexts, and stylistic variations.

- Appreciate, analyze, and utilize various theoretical frameworks.

- Engage with scholarly works to develop and present coherent and persuasive critical positions.

- Situate one's reading within societal contexts, being aware of one's position in terms of society, religion, caste, region, gender, politics, and sexuality.

- Understand and critically think about local and global issues through literature.

- Respect differences and transcend binaries.

Communication Skills:

- Speak and write clearly in standard, academic English.

- Listen to and read various viewpoints carefully and engage with them.

- Use critical concepts and categories with clarity.

Critical Thinking:

- Read and analyze existing scholarship.

- Substantiate critical readings of literary texts to persuade others.

- Place texts in historical contexts and understand them in terms of genre and literary history.

Problem Solving:

- Transfer literary critical skills to read other cultural texts and unfamiliar literary texts.

Analytical Reasoning:

- Evaluate the strengths and weaknesses in scholarly texts, spotting flaws in their arguments.

- Use critics and theorists to create a framework and substantiate arguments in literary readings.

Research-Related Skills:

- Formulate hypotheses and research questions, consulting relevant sources to find answers.

- Plan and write research papers.

Teamwork and Time Management:

- Participate constructively in class discussions.

- Contribute to group work.

- Meet deadlines effectively.

Scientific Reasoning:

Analyze texts, evaluating ideas and literary strategies.

Formulate logical and persuasive arguments.

Reflective Thinking:

- Understand the influence of regional, national, and global locations on critical thinking and reading.

Self-Directed Learning:

- Work independently in reading literary and critical texts.

- Conduct personal research, formulating questions and seeking answers.

Digital Literacy:

- Use digital sources and read them critically.

- Utilize digital resources for presentations.

Multicultural Competence:

- Engage with and understand literature from various nations, regions, and languages.

- Respect and transcend cultural differences.

Moral and Ethical Values:

- Interrogate personal ethical values and be aware of ethical issues.

- Read and understand the values embedded in literary texts and criticism, especially concerning the environment, religion, spirituality, and power structures.

Leadership Readiness:

- Lead group discussions and formulate questions for literary and social texts.

Life-long Learning:

- Retain and build on critical reading skills.

- Transfer these skills to other domains of life and work.

Program Specific Outcomes

Graduates of the BA (Hons.) in English program will:

- Demonstrate basic skills in literary communication and the explication of literary practices with clarity.

- Show coherent and systematic knowledge of English literature and Bhasha literatures in English, understanding current theoretical and literary developments in English studies.

- Read and understand various literary genres and stylistic variations, and write critically.

- Evaluate literary texts as part of the wider network of local and global culture.

- Demonstrate critical aptitude and reflexive thinking to analyze existing scholarship and expand critical questions in English studies using digital resources.

- Cultivate a better understanding of both literary values and life values, applying appropriate methodologies for creative and analytical development, including imaginative writing.

- Recognize employability options in English studies, such as professional writing, translation, teaching, mass media, journalism, aviation communication, and personality development.

- Make meaningful career choices based on their interests and analytical reasoning after completing the program.

- Develop an awareness of the linguistic-cultural richness of India, which is an important outcome of English literary studies in India.

Course Outcomes

Core Courses

Indian Classical Literature (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

European Classical Literature (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Indian Writing in English (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Poetry and Drama: 14th to 17th Centuries (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

American Literature (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Popular Literature (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Poetry and Drama: 17th and 18th Centuries (Theory)

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Literature: 18th Century

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Romantic Literature

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Literature: 19th Century

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Women's Writing

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

British Literature: The Early 20th Century

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Modern European Drama

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Post-Colonial Literatures

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Discipline Specific Elective (DSE) Courses

Modern Indian Writing in English Translation

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literatures of Diaspora

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literary Criticism and Theory-I

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literary Criticism and Theory-II

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature and Disability

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Partition Literature

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Graphic Narratives

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature and Caste

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature and Mediality

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature for Children and Young Adults

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Interrogating Queerness

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Nineteenth Century European Realism

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Pre-Colonial Indian Literatures

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

African Literatures

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Latin American Literature

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature and Cinema

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Speculative Fiction and Detective Literature

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Studies in Modern Indian Performance Traditions

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Twentieth Century European Fiction

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Research Methodology

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Skill Enhancement Course (SEC)

Modes of Creative Writing: Poetry, Fiction, and Drama

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Translation Studies

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

Literature in Social Spaces

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

English Language Teaching

CO-1: Understanding concepts

CO-2: Expressing concepts through writing

CO-3: Demonstrating conceptual and textual understanding in tests and exams

B.ED

Programme Outcome

Programme Specific Outcome

PSO 1 Understand basic concepts and ideas of educational theory.
PSO 2 Build understanding and perspective on the nature of the learner, diversity and learning.
PSO 3 Comprehend the role of the systems of governance and structural – functional provisions that support school education.
PSO 4 Develop understanding about teaching, pedagogy, school management and community involvement.
PSO 5 Build skills and abilities of communication, reflection, art, aesthetics, theatre, self expression and ICT.

Course Outcome

A. Core Courses

Education in Contemporary India

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

Human Development, Diversity and Learning

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

Conceptual Foundations of Education

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

Gender, School and Society

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

Knowledge, Disciplines and School Subjects

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

The Inclusive School

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

Assessment for Learning

1. Understand education as a national agenda, including policy visions and efforts for a national education system.

2. Engage with contemporary Indian society and educational discourses.

3. Acquire tools for critical analysis and experience engaging with diverse communities.

4. Understand development, learning, and the uniqueness of the growing child in various socio-cultural contexts.

5. Examine key constructs in developmental and educational psychology.

6. Build perspectives within the Indian socio-cultural context.

7. Analyze knowledge structures in disciplinary streams and subjects.

8. Develop sensitivity to diverse perspectives in the education of children with disabilities.

9. Understand assessment concepts and practices.

B. Pedagogy Courses

Stream-based Pedagogy of Language

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Stream-based Pedagogy of Science

1**.** Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Stream-based Pedagogy of Mathematics

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Stream-based Pedagogy of Social Science

1**.** Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Stream-based Pedagogy of Commerce

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Subject-based Pedagogy of English

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Subject-based Pedagogy of Mathematics

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

Subject-based Pedagogy of Political Science

1. Understand the pedagogic challenges of the subject within a broad disciplinary stream.

2. Describe pedagogic needs at all stages of secondary education for the chosen subject.

3. Re-engage with the discipline's nuances and prevalent conceptualizations and practices.

B.Sc (H) Mathematics

Programme Outcome

Learning Outcomes based approach to Curriculum Planning

The learning outcomes-based curriculum framework for B.Sc. (Hons.) Mathematics is based on the expected learning outcomes and graduate attributes that a graduate in mathematics is expected to attain. The curriculum for B.Sc. (Hons.) Mathematics is prepared keeping inmind the needs and aspirations of students in mathematics as well as the evolving nature of mathematics as a subject. The course learning outcomes and the programme learningoutcomes specify the knowledge, understanding, skills, attitudes and values that a student completing this degree is expected to know. The qualification of B.Sc. (Hons.) Mathematics is awarded to a student who can demonstrating the attainment of these outcomes.

Nature and extent of the B.Sc. (Hons.) Mathematics

Mathematics is usually described as the abstract science of number, quantity and space along with their operations. The scope of Mathematics is very broad and it has a wide range of applications in natural sciences, engineering, economics and social sciences. B.Sc. (Hons.) Mathematics Programme aims at developing the ability to think critically, logically and analytically and hence use mathematical reasoning in everyday life. Pursuing a degree in mathematics will introduce the students to a number of interesting and useful ideas in preparations for a number of mathematics careers in education, research, government sector, business sector and industry.

The B.Sc. (Hons.) Mathematics programme covers the full range of mathematics, from classical Calculus to Modern Cryptography, Information Theory, and Network Security. The course lays a structured foundation of Calculus, Real & Complex analysis, Abstract Algebra, Differential Equations (including Mathematical Modelling), Number Theory, Graph Theory, and C++ Programming exclusively for Mathematics. An exceptionally broad range of topics covering Pure & Applied Mathematics: Linear Algebra, metric Spaces, Statistics, Linear Programming, Numerical Analysis, Mathematicl Finance, Coding Theory, Mechanics and Biomathematics cater to varied interests and ambitions. Also hand on sessions in Computer Lab using various Computer Algebra Systems (CAS) softwares such as Mathematica, MATLAB, Maxima, R to have a deep conceptual understanding of the above tools are carried out to widen the horizon of students' self-experience. The courses like Biomathematics, Mathematical Finance etc. emphasize on the relation of mathematics to other subjects like Biology, Economics and Finance.

To broaden the interest for interconnectedness between formerly separate disciplines one can choose from the list of Generic electives for example one can opt for economics as one of the GE papers. Skill enhancement Courses enable the student acquire the skill relevant to the main subject. Choices from Discipline Specific Electives provides the student with liberty of exploring his interests within the main subject. Of key importance is the theme of integrating mathematical and professional skills. The well-structured programme empowers the student

with the skills and knowledge leading to enhanced career opportunities in industry, commerce, education, finance and research.

Aims of Bachelor's degree programme in Mathematics

The overall aims of B.Sc.(Hons) Mathematics Programme are to:

- inculcate strong interest in learning mathematics.
- evolve broad and balanced knowledge and understanding of definitions, key concepts, principles and theorems in Mathematics
- enable learners/students to apply the knowledge and skills acquired by them during the programme to solve specific theoretical and applied problems in mathematics.
- develop in students the ability to apply relevant tools developed in mathematical theory to handle issues and problems in social and natural sciences.
- provide students with sufficient knowledge and skills that enable them to undertake further studies in mathematics and related disciplines
- enable students to develop a range of generic skills which will be helpful in wage employment, self-employment and entrepreneurship.

Programme Learning Outcomes in B.Sc. (Hons.) Mathematics

The completion of the B.Sc. (Hons.) Mathematics Programme will enable a student to:

i) Communicate mathematics effectively by written, computational and graphic means.

ii) Create mathematical ideas from basic axioms.

iii) Gauge the hypothesis, theories, techniques and proofs provisionally.

iv) Utilize mathematics to solve theoretical and applied problems by critical understanding, analysis and synthesis.

v) Identify applications of mathematics in other disciplines and in the real-world, leading to enhancement of career prospects in a plethora of fields and research.

Course Outcome

Core Course I: Calculus (Theory)

By the end of the course, students will be able to:

CO1: Utilize first and second derivative tests for identifying relative extrema, applying this knowledge to problems in business, economics, and life sciences.

CO2: Sketch curves in a plane using mathematical properties across different coordinate systems.

CO3: Compute areas of surfaces of revolution and volumes of solids through crosssectional integration.

CO4: Understand calculus of vector functions and its application to the principles of planetary motion.

Core Course II: Algebra (Theory)

CO1: Apply De Moivre's theorem in various numerical problems.

CO2: Understand equivalence classes and the cardinality of sets.

CO3: Use modular arithmetic and properties of congruences.

CO4: Identify consistent and inconsistent linear equation systems using the row echelon form of the augmented matrix.

CO5: Determine eigenvalues and eigenvectors for square matrices.

Core Course III: Real Analysis (Theory)

CO1: Comprehend properties of the real line $\mathbb{R}$, including completeness and Archimedean properties.

CO2: Define sequences as functions from $\mathbb{N}$ to subsets of $\mathbb{R}$.

CO3: Recognize and analyze bounded, convergent, divergent, Cauchy, and monotonic sequences.

CO4: Apply various tests for convergence and absolute convergence of infinite series of real numbers.

Core Course IV: Differential Equations (Theory)

CO1: Learn the basics of differential equations and mathematical modeling.

CO2: Formulate differential equations for various mathematical models.

CO3: Solve firstorder nonlinear differential equations and higherorder linear differential equations using various techniques.

CO4: Apply these techniques to solve and analyze mathematical models.

Core Course V: Theory of Real Functions (Theory)

CO1: Understand the concept of function limits rigorously.

CO2: Learn about continuity and uniform continuity for functions on intervals.

CO3: Grasp geometrical properties of continuous functions on closed and bounded intervals.

CO4: Understand differentiability using limits and apply this concept.

CO5: Explore applications of mean value theorems and Taylor’s theorem.

Core Course VI: Group TheoryI (Theory)

CO1: Identify groups and classify them as abelian, cyclic, permutation groups, etc.

CO2: Relate fundamental group concepts to symmetrical figures.

CO3: Analyze and classify subgroups of cyclic groups.

CO4: Explain cosets, normal subgroups, and factor groups.

CO5: Learn Lagrange’s theorem and Fermat’s Little theorem.

CO6: Understand group homomorphisms and isomorphisms.

Core Course VII: Multivariate Calculus (Theory)

CO1: Understand conceptual differences when moving from singlevariable to multivariable calculus.

CO2: Maximize and minimize multivariable functions subject to constraints.

CO3: Explore the interrelationships among line integrals, double, and triple integrals.

CO4: Familiarize with Green's, Stokes', and Gauss' divergence theorems.

Core Course VIII: Partial Differential Equations (Theory)

CO1: Formulate, classify, and transform firstorder PDEs into canonical form.

CO2: Solve firstorder PDEs using characteristics and separation of variables.

CO3: Classify and solve secondorder linear PDEs.

CO4: Learn about the Cauchy problem for secondorder PDEs, and homogeneous and nonhomogeneous wave equations.

CO5: Apply separation of variables to solve secondorder PDEs.

Core Course IX: Riemann Integration & Series of Functions (Theory)

CO1: Understand classes and properties of Riemann integrable functions and fundamental theorems of integration.

CO2: Learn about improper integrals, including beta and gamma functions.

CO3: Apply the Cauchy criterion and Weierstrass Mtest for uniform convergence.

CO4: Explore constraints for interchanging differentiability and integrability with infinite sums.

CO5: Approximate transcendental functions with power series and understand their differentiation and integration.

Core Course X: Ring Theory & Linear Algebra I (Theory)

CO1: Understand rings, integral domains, and fields.

CO2: Learn ring homomorphisms and isomorphisms.

CO3: Grasp linear independence of vectors over a field and vector space dimensions.

CO4: Learn basic concepts of linear transformations, matrix representation, and change of coordinate matrix.

Core Course XI: Metric Spaces (Theory)

CO1: Understand natural and abstract distance formulations leading to metric spaces.

CO2: Analyze the progression from particular to general theoretical frameworks.

CO3: Appreciate geometric concepts like balls and connected sets in an abstract setting.

CO4: Learn Banach's fixedpoint theorem and its implications in analysis.

CO5: Understand connectedness and compactness in metric spaces.

Core Course XII: Group TheoryII (Theory)

CO1: Learn about automorphisms for constructing new groups.

CO2: Understand external direct product applications in data security and electric circuits.

CO3: Grasp the fundamental theorem of finite abelian groups.

CO4: Familiarize with group actions and conjugacy.

CO5: Understand Sylow theorems and their applications.

Core Course XIII: Complex Analysis (Theory)

CO1: Appreciate the significance of differentiability in complex functions, leading to the Cauchy Riemann equations.

CO2: Learn about elementary functions and evaluate contour integrals.

CO3: Understand the Cauchy Goursat theorem and the Cauchy integral formula.

CO4: Expand functions using Taylor and Laurent series, classify singularities, and use the Cauchy Residue theorem to evaluate integrals.

Core Course XIV: Ring Theory and Linear Algebra II (Theory)

CO1: Understand the importance of unique factorization in rings and integral domains.

CO2: Compute characteristic polynomials, eigenvalues, eigenvectors, and eigenspaces, and apply diagonalization results.

CO3: Determine orthogonality in vector spaces, including using Gram Schmidt orthogonalization.

CO4: Find adjoint, normal, unitary, and orthogonal operators.

Discipline Specific Elective Courses (DSE)

DSE1: Numerical Analysis (Theory)

CO1: Learn numerical methods for finding zeros of nonlinear functions and solutions to linear equation systems.

CO2: Understand methods for solving linear equation systems like Gauss Jacobi, Gauss Seidel, and SOR.

CO3: Apply interpolation techniques for computing values of tabulated functions.

CO4: Use numerical differentiation and integration for solving differential equations numerically.

DSE2: Probability Theory and Statistics (Theory)

CO1: Learn about probability density and moment generating functions.

CO2: Understand univariate distributions such as Bernoulli, Binomial, Poisson, Gamma, and Exponential.

CO3: Study joint behavior of two random variables.

CO4: Measure association between variables and predict one variable based on another through correlation and regression.

CO5: Understand the central limit theorem and its significance in natural population distributions.

DSE3: Discrete Mathematics (Theory)

CO1: Understand ordered sets and maps between them.

CO2: Learn about lattices, sublattices, and lattice homomorphisms.

CO3: Familiarize with Boolean algebra, Karnaugh diagrams, and switching circuits.

CO4: Learn basic graph theory, including Eulerian and Hamiltonian graphs.

CO5: Explore graph theory applications in shortest path algorithms.

DSE4: Biomathematics (Theory)

CO1: Develop, analyze, and interpret biomathematical models like population growth and predatorprey models.

CO2: Understand the mathematics behind heartbeat and nerve impulse models.

CO3: Appreciate bifurcation and chaos theory.

CO4: Apply probability concepts to molecular evolution and genetics.

CO5: Learn properties and applications of various useful polymers.

DSE5: Number Theory (Theory)

CO1: Explore properties of prime numbers and open problems like the Goldbach conjecture.

CO2: Understand number theoretic functions and modular arithmetic.

CO3: Solve linear, quadratic, and systems of linear congruence equations.

CO4: Learn about public key cryptosystems, particularly RSA.

DSE6: Linear Programming and Applications (Theory)

CO1: Learn graphical solutions for linear programming problems with two variables.

CO2: Understand the relationship between basic feasible solutions and extreme points.

CO3: Study the simplex method for solving linear programming problems.

CO4: Learn twophase and bigM methods for problems with artificial variables.

CO5: Understand relationships between primal and dual problems.

CO6: Solve transportation and assignment problems.

CO7: Apply linear programming to solve twoperson zerosum games.

Skill Enhancement Elective Courses (SEC)

SEC1: LaTeX and HTML

CO1: Create and typeset LaTeX documents.

CO2: Typeset mathematical documents using LaTeX.

CO3: Incorporate pictures and graphics in LaTeX.

CO4: Create beamer presentations.

CO5: Create web pages using HTML.

SEC2: Computer Algebra System and Related Software

CO1: Use computer algebra systems like Mathematica, MATLAB, Maxima, Maple for calculations, plotting, and animations.

CO2: Apply CAS for matrix applications like solving systems of equations and finding eigenvalues and eigenvectors.

CO3: Use statistical software R for calculations, data analysis, and visualization.

CO4: Summarize and interpret data relationships using R.

CO5: Analyze and interpret technical arguments geometrically.

B.A. (Hons.) Applied psychology

Programme Outcome

The Applied Psychology programme at the undergraduate level visualizes that training needs to attend to the following considerations:

1. Developing an understanding of various theoretical concepts underlying applied psychology

2. Inculcating the knowledge provided to them via classroom lectures, workshops or seminars and applying the same in real life settings.

3. Practicing effective listening skills in order to understand narratives of pain and social suffering enabling them to become more aware about themselves and others.

4. Developing and understanding of research skills so that students are able to design and conduct systematic and ethical applied and basic psychological research studies.

5. Development of skills related for competence in clinical work with a focus on empathetic understanding

6. Enhancement of knowledge related to self through the utilisation of Indian Psychological concepts for personal growth.

7. Learning skills related to research and analysis of data in a scientific manner using SPSS and other social science software.

Graduate Attributes in Applied Psychology

● Disciplinary Knowledge

To understand the fundamental concepts of Psychology along with various fields and to enable students to apply this knowledge Comprehension of major concepts, theories, principles, perspectives, historical roots and research findings. Students become theoretically more informed and insightful about various aspects of behaviours and different mental processes.

● Communication Skills

Acquiring the skill for effectively presenting oneself to others, effectively communicating one's intentions with the help of relevant verbal and non-verbal cues. Communication built on empathy as is a core part of Applied Psychology .Learning to explore the world of marginalised people with empathy, compassion and concern. Displaying non-judgemental attitude and actively listening with any of the special groups they choose to study.

● Analytical Skills

The ability to inculcate inductive and deductive reasoning ;to comprehend the basic structure and interrelationship; to deduct inferences of various concept of applied psychology.

● Research Related Skills

To develop an attitude of scientific enquiry and critical thinking, ability to plan, design and carry out research, data analysis and drawing inferences. Maintain ethical research practices.

● Reflective Thinking

Becoming aware of one's and others' strength and weaknesses in the context of social system. This will further enhance students well-being and their ability to do so for the society at large.

● Lifelong Learning

The Applied Psychology graduate has an ethical responsibility to maintain competence in all their work as researchers, trainers, educators and/or practitioners etc. through lifelong learning.

● Self-Directed Learning

Develop listening ability and working on one's strength and weaknesses by acquiring feedback from significant others so that one can evolve towards the higher stage of learning.

● Leadership Readiness/ Qualities

Applied Psychology graduate demonstrates an ability to incorporate socio-cultural factors in scientific inquiry, so as to conduct contextually sensitive research that may bridge the research and practice divide. This applied perspective builds on their leadership attributes. These can further be enhanced and guided towards more meaningful roles in the community.

● Multicultural Competence

To develop sensitivity among students through the discipline of Applied Psychology so that they can perceive and sensitize themselves to the enrichment present among various cultures and ethnic groups in the place of work, home, neighbourhood and the world at large.

● Moral and Ethical Awareness

Graduation journey is an inter-junction between formal school setup and the place of work, hence it is important to foster moral and ethical outlook in their academic as well as real life endeavours.

● Informational and Digital Literacy

An attitude of scientific inquiry and critical thinking, ability to plan, design and conduct research, analyse data and interpret them and behaviour is must for an Applied Psychology graduates. This is fostered by developing an ability to use data analytic procedures like SPSS and other open- source computational software. Applied Psychology graduates acquire mastery of the use of computers and internet in

conducting experiments and surveys. The social media is also used as a medium for data and understanding social trends thereby focussing on digital literacy.

● Critical Thinking

The Applied Psychology graduate has the ability to relate and connect concepts with personal experiences and using critical thinking. He/she has curiosity and ability to formulate psychology related problems and using appropriate concepts and methods to solve them. There is articulation of ideas, scientific writing and authentic reporting, effective presentation skills. Further they are able to dealing with conflicting theories and approaches, learning to withstand ambiguities and understanding the limitations of the discipline.

● Problem Solving

Problem Solving is a mental process that involves discovering, analysing and solving problems. The ultimate goal is to overcome obstacles and find a solution that best resolves the issue. The Applied Psychology graduate is trained to be an effective and efficient problem solve.

● Research Related Skills

Since the Applied Psychology graduate's training focuses on understanding the application of the basic Psychological processes their research-related skills are automatically enhanced. Through research in the field they understand how the basic processes are applied.

● Cooperation/Teamwork

The Applied Psychology graduate will be trained to have the ability to work both independently and in group and dealing effectively with clients and stakeholders, learning the art of negotiation. As a part of their training collaboration, cooperation and realising the power of groups and community is emphasized.

● Scientific Reasoning

Applied Psychology graduates have the ability for articulation of ideas, scientific writing and authentic reporting with effective presentation skills. This is made possible by challenging stereotypes, thinking out-of-the-box, analyzing and trying alternatives, and questioning conclusions based on newer evidence.

Students who complete three years of full time undergraduate programme in Applied Psychology would earn a Bachelor of Honours degree. The learning outcomes of an Applied Psychology Honour's student should demonstrate on completion of the degree proficiencies in academic, behavioural and social spheres. Thus:

1. Knowledge of Applied Psychology with understanding of research methods including data analysis and usage of relevant software.

2. Ethical use of skills in the understanding of psychological testing, assessment and counselling.

3. Critically thinking about the linking of personal experiences with concepts studied.

4. Ability to translate ideas into ethical researches and express this through scientific writing and effective presentations.

5. Using curricula for personal-development, emotional and self-regulation skills.

6. Evolving as a person with positive attributes of non-judgement, empathy, kindness, multicultural sensitivity and responsibility.

7. Being appreciative, sensitive and accepting of multiple perspectives, people and cultures.

8. Focussing on working in a collaborative, cooperative way with different groups and community.

9. Emphasis on ethical practices in following the rules of research and publication.

10. Displaying pro-social behaviour through supporting commitment to health and wellbeing of individuals, organizations, community, and society as a whole.

Course Outcome

Please refer https://spm.du.ac.in/images/Applied_Psychology_Syllabus_NEP2022.pdf

Bachelor of Arts (Hons.) History

Programme Outcome

The BA Honours History Programme is organised to provide the greatest flexibility to its students. There are Core Disciplinary papers that provide the fundamental knowledge in the discipline of history and in the study of the History of India and the World. The programme is otherwise envisaged to provide a large amount of choice so that students can tailor their education on the basis of their interests. These provide not just skills in history but also vital skills in other disciplines. The BA Honours History programme is interdisciplinary keeping in mind that specialisation in History is the key to access cognate skills from other disciplines.

Through the three years of the Honours programme we build systematically, upon the learning outcomes of courses covered each semester. Each term students are introduced to courses that are temporally and spatially distinct. We continue to reinforce already covered subjects in our thematic based courses even as our students mature through their assignments and more complex readings.

Nature and Extent of B.A. (Hons.) History

The duration of the BA History Honours Programme is three academic years. Each academic year is divided into two semesters. The History Honours Programme therefore spans six semesters. Each semester is for the duration of sixteen weeks.

The teaching and learning modalities in the Honours programme will involve theory classes (lectures) of one hour each and tutorial classes. The curriculum will be taught through formal lectures with the aid, wherever the teacher feels the need, of power-point presentations, audio and video tools. There are additional requirements in certain courses for documentaries, cinema, field and archival work, visits to museums, class reports, discussions and project work. These are built into the teaching and assessment of many courses.

Aims of the Bachelor's Degree Programme

At a general level, our courses are structured with the objective of giving requisite information about different aspects of the past to students, to teach them how to parse this information, instruct them on how historians research, frame an argument and debate details that have significance to how we understand the past and the present. The expected outcome is to provide students with a sense of how interconnected our present is with the past and how learning about the past provides them with the skills to understand the present. To facilitate this understanding, our courses, class room instruction and assignments give students the ability to think and reach their own conclusions. Our tutorial discussions, written assignments, class room presentations, field-work projects, consolidate their ability to analyse, research and process information.

Graduate Attributes

On completion of the course students are expected to have acquired the skills of critical thinking, rational enquiry, effective communication, and exploring the relationship between past, present and historiography. The attributes expected from the graduates of B.A. Honours in History are:

- Knowledge of multiple perspectives through which significant developments in the history of the Indian subcontinent from earliest times up to the period after independence.
- Familiarity with the significant patterns of development in certain parts of the modern and early modern world as well as certain non-Indian ancient societies.
- Ability to carefully read a complex historical narrative, evaluate its deployment of evidence, and understand its argument as well as critically analyse the same.
- Ability to identify patterns of change and continuity with regards to issues of contemporary significance over long durations as well as across diverse geo-cultural zones.
- Greater ability to distinguish between that which is historical -- that is time-place context driven, hence changeable and challengeable -- from that which is not.
- Sensitivity to gender and social inequities as well as acquaintance with the historical trajectories of these issues.
- Greater respect for basic human values and ideals of equality, freedom, respect for diversity, and other constitutional values.
- Skill of picking up disparate sets of information from varied sources and weaving them into a coherent argument with a view to reveal identifiable patterns of development
- Capability to assume leadership roles and apply the above mentioned analytical abilities in various other non-familiar contexts.
- Possess knowledge of the values and beliefs of multiple cultures so as to effectively engage in a multicultural society and interact with diverse groups.

Programme Specific Outcomes

Graduates of this department are expected to branch out into different paths seeking spheres of knowledge and domains of professional work that they find fulfilling. After graduating with History Honours from the University of Delhi, they will be able to demonstrate comprehensive knowledge of scholarly research and professional literature relating to the discipline. This will establish a platform from which the student can pursue higher studies in History. It is expected that besides the skills specific to the discipline, these wider life skills of argumentation and communication, attitudes and temperaments, and general values inherent in a discipline that studies human beings in their social context, in all its complexity, will ultimately enable learners to live rich, productive and meaningful lives.

Course Outcomes

Core Courses

History of India- I

Upon completing this course, students will be able to:

- Discuss the landscape and environmental variations in the Indian subcontinent and their impact on India's history.
- Describe the main features of prehistoric and proto-historic cultures.
- List the sources and evidence for reconstructing the history of Ancient India.
- Analyze how earlier historians interpreted India's history and propose alternative perspectives.
- List the main tools made by prehistoric and proto-historic humans in India and their find spots, interpret prehistoric art and mortuary practices, and discuss the significance of food production.
- Analyze the factors responsible for the origins and decline of the Harappan Civilization.
- Discuss various aspects of society, economy, polity, and religious practices reflected in the Early and Later Vedic texts.

Social Formations and Cultural Patterns of the Ancient World-I

- Trace long-term changes in the relationship of humans to their landscapes, resources, and social groups.
- Discuss that human history results from choices made in ecological and biological contexts, influenced by technology and cultural cognition.
- Delineate the significance of early food production and the beginning of social complexity.
- Analyze the process of state formation and urbanism in early Bronze Age Civilizations.
- Correlate the ancient past and its connected histories, understand reconstruction methods, and comprehend historical methodologies.

History of India- II

- Discuss the various sources historians use to write the history of early historical and early medieval India.
- Analyze the development of different state systems and the formation of large empires.
- Discuss the characterization of the Mauryan state.
- Describe changes in agriculture, technology, trade, urbanization, and society during the period.

- Explain the rise of heterodox religious systems and adjustments in various belief systems.
- Trace processes of urbanization, de-urbanization, monetization, and monetary crises in early India.
- Critically analyze changes in the varna/caste systems and gender relations.
- Undertake projects related to literature, science, art, and architecture.

Social Formations and Cultural Patterns of the Ancient and Medieval World-II

- Identify the main historical developments in Ancient Greece and Rome.
- Understand the transition from tribe-based polities to territorial identity and citizenship.
- Trace the emergence and institutionalization of social hierarchies and marginalization of dissent.
- Explain trends in the medieval economy.
- Analyze the rise of Islam and state formation in West Asia.
- Understand the role of religion and cultural practices in community organization.

History of India- III (c. 750-1200)

- Assess major debates about changes in the early medieval period in India.
- Explain the interconnected processes of state formation, agrarian expansion, caste proliferation, and urban and commercial development.
- Discuss cultural developments such as the bhakti movement, Puranic Hinduism, Tantricism, architecture, art, and the emergence of regional languages.

Rise of the Modern West- I

- Outline significant changes in Europe from the medieval period and study economic, social, political, and cultural developments.
- Explain major transitions in Europe's economy, state forms, social structure, and cultural life.
- Analyze the linkages between Europe's state system, trade, and empire.

History of India- IV (c. 1200–1500)

- Discuss the sources for writing histories of life during the thirteenth to fifteenth centuries.
- Evaluate perspectives on politics, cultural developments, and economic trends in India during this period.
- Appreciate technological changes, commercial developments, and challenges to patriarchy by women.

Rise of the Modern West- II

- Explain economic, social, political, and intellectual developments in Europe during the 17th and 18th centuries.
- Contextualize elements of modernity in these realms.
- Discuss Europe's economy and the origins of the Industrial Revolution.
- Analyze the relationship between trade, empire, slavery, and industrial capitalism.

History of India V (c. 1500-1600)

- Evaluate sources in Persian and vernacular languages for the period.
- Examine scholarly perspectives on the Mughal state.
- Explain changes in agrarian relations, land revenue regimes, Bhakti and Sufi traditions.
- Discuss visual culture as a means to articulate authority by rulers.
- Discern the nuances of state formation beyond the Mughal state's control.

History of India- VI (c. 1750-1857)

- Outline key developments in the 18th-century Indian subcontinent.
- Explain the establishment of Company rule and features of early colonial regimes.
- Discuss the impact of colonial rule on the economy.
- Assess social changes and the issues of landed elites, peasants, tribals, and artisans during the Company Raj.

History of Modern Europe – I

- Identify the French Revolution.
- Trace the repercussions of revolutionary regimes and French empire-building.
- Explain revolutionary actions and reactionary politics in threatened monarchical regimes.
- Assess the social impact of capitalist industrialization in Europe.

History of India- VII (c. 1600-1750)

- Evaluate contemporaneous literature for the period.
- Describe major social, economic, political, and cultural developments.
- Explain the intellectual ferment of the seventeenth and eighteenth centuries.
- Discern motives behind imperial patronage of art and architecture.
- Appreciate the dynamism of agriculture, crafts, and maritime trade in India.

History of India VIII (c. 1857 - 1950)

- Identify regional, religious, linguistic, and gender identities in late 19th and early 20th centuries.
- Outline social and economic facets of colonial India and their influence on the national movement.
- Explain anti-colonial struggles in colonial India.
- Analyze developments leading to communal violence and Partition.
- Discuss negotiations for independence and key debates on the Constitution and socio-economic restructuring post-independence.

History of Modern Europe- II

- Trace varieties of nationalists and processes of nation-state formation.
- Discuss the disintegration of large empires and the remaking of Europe's map.
- Deliberate on imperialism and manifestations of imperialist rivalry and expansion.
- Analyze the conflict between radical and conservative forces and the consolidation of ultra-nationalist regimes.
- Contextualize major intellectual and artistic currents.

Discipline Specific Elective Courses

History of the USA: Independence to Civil War

- Explain the evolving contours of the USA and its position in world politics.
- Examine the limits of American democracy in its formative stages.
- Analyze early capitalism in the USA and resultant inequities.
- Describe the economics of slavery in the USA and details of slave life and culture.
- History of the USSR: From Revolution to World War II (c. 1917-1945)

Understand major issues in the history of the USSR between 1917 to 1945.

- Explain the emergence of the USSR from Imperial Russia.
- Summarize the consolidation of Bolshevik power.
- Explain the organization of production in fields and factories, and linkages between ideology, purges, and propaganda.
- Examine Soviet policies related to nationalities, gender, literature, and art forms.
- Outline Soviet foreign policy issues.

History of Modern China (c. 1840s-1950s)

- Understand China's engagement with imperialism and transitions from feudalism to modernity.
- Locate these historical transitions in the context of global modernity, especially Japan.
- Analyze historiographical shifts in Chinese history concerning nationalism, imperialism, and communism.
- Investigate political, economic, social, and cultural disruptions caused by institutional breakdowns and tradition recasting.
- Comprehend the genesis of the Chinese Communist Revolution.
- Locate the rise of China and Japan in Asian and world politics.

History of the USA: Reconstruction to New Age Politics

- Explain the reasons for 'Reconstruction' and its limited success.
- Analyze the growth of capitalism in the USA, particularly big business and monopolism.
- Examine features of labor union movements.
- Discuss Populist and Progressive movements and the New Deal.
- Describe the Women's Liberation movement and the 'Pastoralization' of housework.
- Illustrate the significance of Civil Rights Movements and Martin Luther King Jr.

History of the USSR: The Soviet Experience (c. 1945-1991)

- Outline key developments in the USSR from 1945 to 1991.
- Analyze the Soviet political system and its global impact.
- Explain the origins, developments, and end of the Cold War.
- Analyze factors leading to the economic slowdown, disintegration of the Soviet Union, and formation of the Confederation of Independent States.

History of Modern Japan (c. 1868-1950s)

- Explain Japan's attempts to create new institutional structures and recast traditions to encounter western challenges.
- Analyze historiographical shifts in Japanese history in global politics.
- Examine divergent pathways to modernity followed by Japan.
- Discuss perspectives on imperialism and nationalism in East Asia.
- Conceptualize how distinct histories can be rooted in common cultural traditions.

- Contextualize Japan's history in world politics.
- Discuss contemporary international studies with clarity based on Japanese history and culture.

Skill Enhancement Courses

Understanding Heritage

- Explain the complex character of heritage.
- Analyze historical processes that result in the making of heritage.
- Describe the significance of cultural diversity in creating heritage.
- Illustrate how heritage can generate revenue.
- Appreciate the nuances of heritage and its importance.

Indian Art and Architecture

- Explain how Indian art was perceived under colonial rule and its changing perspectives.
- Identify the historical context and socioeconomic processes in forming art and architectural forms.
- Identify stylistic features of different art genres.
- Discuss the iconography of art forms.
- Differentiate between high/courtly art, popular/folk art, and tribal art.
- Point out continuity in patterns and regional variations.
- Elaborate on patronage patterns, artist-patron relations, and gender representation.

B.A. (Hons.) Political Science

Programme Outcome

Learning outcomes-based approach to curriculum planning and development

The undergraduate syllabus of Political Science under the Choice Based Credit System (CBCS) requires students to complete fourteen Core Courses (CC), four Discipline Specific Electives (DSE), two Skill Enhancement Courses (SEC), two Ability Enhancement Compulsory Courses and Four Generic Elective courses (GE) spread across six semesters. CCs, DSEs and SECs are the courses that the department teaches exclusively to students who are enrolled in the department of Political Science while the GE courses are offered to students from other departments. The syllabus lists eight DSEs and GEs which departments and students can choose from and study.

The courses have been structured in a way that they introduce the student to the vast canvas of subjects that concern the discipline of political science. Beginning with a focus on concepts and theories which have been quintessential to the discipline, they move on to fleshing out how these concepts are translated into practice. The courses are not only structured to impart received knowledge but also encourage the student to think critically and raise questions which can contribute to a new understanding and explanation. In analysing specific issues and events, the curriculum does not lose sight of the broader issues and larger questions; thereby training the student to traverse these levels of analysis effortlessly while also remaining mindful of the linkages.

Nature and Extent of B.A. (Prog.) Political Science

The undergraduate syllabus of Political Science under the Choice Based Credit System (CBCS) requires students to complete fourteen Core Courses (CC), four Discipline Specific Electives (DSE), two Skill Enhancement Courses (SEC), two Ability Enhancement Compulsory Courses and Four Generic Elective courses (GE) spread across six semesters. CCs, DSEs and SECs are the courses that the department teaches exclusively to students who are enrolled in the department of Political Science while the GE courses are offered to students from other departments. The syllabus lists eight DSEs and GEs which departments and students can choose from and study.

The fourteen CCs are divided into four courses which cover concepts, debates and western ideologies along with a study of the Indian constitution and politics (Semesters one and two), six courses on International relations and global politics; comparative politics and public administration (Semesters three and four), four courses on political philosophy both western and Indian (Semesters five and six). The two SECs (semesters three and four) are aimed at training students in methods in survey research while also imparting knowledge of the legal system and the process and of law making with a special emphasis on rights. Students have to select two DSEs per semester during fifth and sixth semesters. The list of DSEs and SECs as listed in the syllabus have been reviewed by the university from time to time and the possibility of adding newer courses following teacher-student feedback or as the requirement is raised within the public space also exists.

Aims of the Bachelor's Degree Programme

The B.A. Honours in Political Science aims to provide students with both a conceptual and a practical grasp of the discipline, and to encourage them to draw connections between Political

Science and other social science disciplines by offering courses of an inter-disciplinary nature. The Core Courses offered by the programme are designed to equip the student with a robust foundation in Political Science, whereas the Discipline-Specific Electives are designed simultaneously around classically important areas of enquiry, and newly emergent ones. The Skill-Enhancement Courses acquaint the student with the applied aspects of this fascinating discipline, allowing him or her to use the skills learnt to solve problems that arise in the real world. The courses offered in this Programme, taken together, equip the student to pursue higher studies, and also to make his or her way outside academics – whether in the governmental or non-governmental sector.

The curriculum aims to make the student proficient in Political Science as well as in certain inter-disciplinary areas, through the transfer of knowledge in the classroom, and practical knowledge obtained through real-world interactions and field experiences. Classroom teaching will be undertaken through lectures, delivered through the medium of blackboard and chalk, charts, power point presentations, and the use of audio-visual resources (films, documentaries, and material from the internet) when deemed appropriate. An interactive mode of teaching will be used. The student will be encouraged to participate in discussions and make presentations on various topics. The emphasis will be on problem-solving and on the inculcation of analytical and critical capacities in the student. Theoretical analysis will go hand in hand with a stress on the practical; this will make for a fuller and more grounded understanding of concepts. Students will participate in field trips, workshops, and seminars; their association with governmental institutions and/or NGOs and/or research institutes in the capacity of interns will facilitate an understanding of the applied aspects of the programme, and further allow them to gain exposure to sites of possible future employment and work.

Graduate Attributes

The following are the graduate attributes in B.A. (Hons) Political Science

Disciplinary knowledge:

Foundational knowledge of Political Science and a thorough grasp of the theoretical and applied aspects of the discipline.

Communication Skills:

Ability to express thoughts and ideas effectively in writing and orally, to communicate with others using appropriate media and to confidently share one’s views and express oneself ; the ability to listen carefully, and present complex information in a clear and concise manner to people from diverse backgrounds in diverse contexts.

Moral and ethical awareness/reasoning:

Capacity to identify ethical issues related to one's work, and commit not to resort to unethical behaviour such as plagiarism, falsification of data, misrepresentation of facts, and the violation of intellectual property rights ; capacity to appreciate the ethical nature of the current debates on the environment, development, social media, artificial intelligence, and so on; capacity to uphold truthfulness and integrity in all aspects of one's research and one's work.

Multicultural competence:

An awareness pertaining to the values and beliefs of multiple cultures ; a global and cosmopolitan perspective, and a capacity to effectively engage in a multicultural society and interact respectfully with diverse communities and groups.

Information/digital literacy:

Capacity to use Information and Communications Technology (ICT) in a variety of learning situations ; the ability to access, evaluate, and use a variety of information sources

Reflective thinking:

Critical sensibility to lived experiences, and an awareness of how one's position as a researcher/investigator shapes and impacts the knowledge one produces.

Cooperation/Team work:

Ability to work effectively and respectfully with people from diverse backgrounds ; capacity to cooperate with others and make a coordinated effort as part of a group, and work as a member of a team in the interests of a common cause.

Research-related skills:

A sense of inquiry and a capacity for asking relevant and appropriate questions and for problematizing ; the ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, and analyse, interpret and draw conclusions from data; the ability to plan, design, and execute research and investigations and concisely report the results thereof.

Communication Skills Ability:

To express thoughts and ideas effectively in writing and orally, to communicate with others using appropriate media and to confidently share one's views and express oneself ; the ability to listen carefully, and present complex information in a clear and concise manner to people from diverse backgrounds in diverse contexts

Problem solving:

Capacity to extrapolate from what one has learned and apply one's competencies to solve unfamiliar problems, and to apply one's learning to real-life situations.

Critical thinking:

Capacity to evaluate evidence, arguments, claims, and beliefs with independence and originality, and to assess practices, policies and theories unhindered by the influence of schools of thought considered trendy or fashionable.

Specific Outcome

A graduate in Political science is a person who embodies a curiosity towards the political puzzles that confront her and is endowed with the ability to apply various tools to solve them. The undergraduate course encourages raising questions and a problem-solving thought process in its students, which it believes is central to the idea of shaping an informed graduate student and an active citizen. Political science graduates receive a strong training in foundational concepts enabling them to distinguish and delineate features of each. This level of inquiry is further complicated as they proceed through the curricular semesters; enabling them to engage in systematic reflection of a kind that distinguishes their understanding from that of a lay person. The undergraduate course in Political science shapes graduate sensibilities such that students are alert to instances of discrimination and deprivation; difference and diversity which they not only identify but can also persuasively argue about. A Political science graduate is privy to the unique location of the discipline within the social sciences and can contextual their learning within the disciplinary boundaries while simultaneously and consciously using inter-disciplinary methods and concepts to understand inter-connected social, economic and political realities.

Political science graduates go through rigorous training in academic writing which includes writing logical and coherent essays as well as longer research articles in terms of term papers. Class room debate and discussion encourages them to think on their feet; sharpen their submissions and argue persuasively. They are also introduced to a variety of writing including commentaries and original manuscripts; government reports and alternative assessments as well as visual and print media. The discipline teaches students how to distinguish between various ideological orientations; the multiple lens that may be used to make sense of the same political event or issue and thereby how to side-step biases and partisan positions in presenting their findings. The discipline inculcates a culture of academic honesty and investigative rigour to ensure authentic analytical outcomes. The syllabus of the undergraduate course on Political science also encourages students to get hands on experience of how research in the discipline is conducted. They are encouraged to draw up research questionnaires, select the field and decide on sample size and method of selection, conduct interviews with respondents as well as focused group discussions and finally translate the responses into a coherent write up. These exercises are not limited to election analysis and collecting voter responses but are primarily conducted to teach the student how to transition from the level of policy to the practice of politics. Political science graduates are uniquely positioned as the undergraduate course also imparts extensive understanding of International relations and global politics which allows them to move beyond the traditional area and concerns of the discipline. The course not only introduces them to various theories and concepts within international relations but also includes detailed discussion of contemporary international events and decisions made by state and non- state actors apart from also looking at the functioning of global and

multinational organisations and institutions. The perspective sharpens their understanding of the national and they can better appreciate the nuances of state policies. The comparative perspective which students imbibe through courses in two semesters highlights the differences in states mapped along various indices such as development trajectories and state formation. Along with a richer understanding of select areas students are also encouraged to reflect and think critically about western frameworks of knowledge and understanding and how these may be challenged by alternative frameworks emerging in what is broadly referred to as the 'Global South' Courses on Public administration familiarize the student with the complexities of state and bureaucratic functioning as well as policy making and advocacy. The student learns about the concepts of organisation and management and their application which is extremely relevant to unravelling the intricacies of large public organisations and corporate bodies.

The study of Indian politics provides the student a means to navigate the labyrinth that politics in India reflects. Students decode this through various categories including gender, caste, class, ethnicity and others while also effortlessly transiting across various levels of the national, subnational and local. These courses anchor the indispensability of the inter and multi- disciplinary lens and provide a corrective and challenge to the western frameworks and models of understanding political phenomena.

On the completion of the six semesters undergraduate course in Political science a graduate is therefore equipped with an understanding of the six core areas in the discipline of political science namely Political theory, Indian politics, Comparative politics, Public Administration, International relations and Indian Political Thought. They carry with them an understanding of research methods and investigation as well as field experience of institutional functioning and survey research. Given this diverse skill set and knowledge basket that the graduates have; the learning outcomes enable them to seek gainful employment and engagement in diverse sectors such as academics, journalism, law, social work, government agencies and research organisations, human resource development, management, marketing and also the bureaucracy.

Course Outcome

Core Courses

Paper I: Understanding Political Theory

- Understand the various traditions and approaches of political theory and appreciate how they get reflected in organizing social living.
- Understand multiple frames by which the idea of political community is debated.
- Understand the significance of theorizing and applying theory into practice.

Paper II: Constitutional Government and Democracy in India

- Be familiarized with the debates around the origin and evolution of the Indian constitution.
- Become aware of the manner in which government functions through its various organs.
- Understand the division of power between various organs of the government at different levels.

Paper I: Political Theory- Concepts and Debates

- Understand the dimensions of shared living through political values and concepts.
- Appreciate how these values and concepts enrich the discourses of political life, sharpening analytical skills.

Paper II: Political Process in India

- Gain insights into the interconnections between social and economic relations and the political process in India.
- Understand the challenges arising due to caste, class, gender, and religious diversities, and analyze the changing nature of the Indian state.
- Make sense of the specificities of the political processes in India in light of changes in state practices, the electoral system, representational forms, and electoral behavior.

Semester III

Paper I: Introduction to Comparative Government and Politics

- Understand the legacy of the discipline.
- Study different political systems from various continents to introduce a range of political regimes, cultures, and their political economy.
- Delineate ways to understand how state relates to the economy and how culture shapes political discourse.

- Enhance the ability to use analytical frames of gender, race, ethnicity, and their intersectionality in comparative perspective.
- Develop reflective thinking and research aptitude.

Paper II: Perspectives on Public Administration

- Understand an overview of the discipline and its distinction from private administration.
- Learn the evolution of the discipline, its changing contours through classical, neo-classical, and contemporary theories.
- Analyze processes of leadership and conflict management in contemporary administration.
- Learn about major contemporary approaches in public administration.
- Be sensitive to the feminist perspective in Public Administration.

Paper III: Perspectives on International Relations and World History

- Have a comprehensive understanding of historical processes and contemporary practices in International Relations.
- Broaden critical insight through major theoretical perspectives.
- Reflect on global South perspectives beyond Eurocentrism.
- Develop analytical skills to explore key milestones in international relations.

Semester IV

Paper I: Political Processes and Institutions in Comparative Perspective

- Gain in-depth understanding of different political systems and regime types.
- Contrast unitary and federal, democratic and authoritarian systems.
- Develop analytical skills to reflect on institutional structures and their functioning such as party systems, electoral systems.
- Gain insight into the process of evolution of nation-states in the West and post-colonial societies.
- Understand the democratization process in post-colonial, post-authoritarian, and post-communist societies.

Paper II: Public Policy and Administration in India

- Learn theoretical perspectives on public policy, a major sub-discipline of public administration.
- Become familiar with details of public policy adopted in India.

- Recognize the significance of local governance in both rural and urban settings.
- Understand budgetary procedures and practices in India.
- Learn about mechanisms of grievance redressal and specific social welfare policies.

Paper III: Global Politics

- Gain conceptual clarity on the meaning, nature, and significance of globalization.
- Learn about contemporary debates on globalization.
- Understand the rise of financial networks and major actors of the global economy and their impact on state and sovereignty.
- Understand contemporary global issues like nuclear proliferation, ecology, international terrorism, and human security.
- Develop analytical skills to reflect on global governance.

Semester V

Paper I: Classical Political Philosophy

- Understand how to read and decode classics and use them to solve contemporary socio-political problems.
- Connect with historically written texts and interpret them in a familiar way.
- Clearly present arguments and thoughts about contemporary issues and develop solutions through logical validation.

Paper II: Indian Political Thought – I

- Demonstrate knowledge of basic concepts of ancient and medieval Indian political thought and compare them with Western political thought.
- Identify and describe key characteristics of Indian political thought and understand selected historiographical debates.

Semester VI

Paper I: Modern Political Philosophy

- Understand the idea of modernity and its connection with societal changes and political suggestions.
- Identify various tendencies in political philosophical discourse and answer fundamental questions through problem-solving.

Paper II: Indian Political Thought – II

- Gain critical understanding of modern Indian thought.
- Explore ideas topically, locating debates on significant subjects historically.
- Think about contemporary issues in India from multiple perspectives, considering their historical significance.
- Develop tolerance and respect for diverse opinions while appreciating the plurality within modern Indian intellectual tradition.

Discipline Specific Elective Courses (DSE)

Semester V

DSE I: Development Process and Social Movements in Contemporary India

- Show knowledge of development policies and planning in India since independence.
- Understand development strategies and their impact on industrial and agricultural spheres.
- Understand the emergence of social movements in response to development policies.
- Demonstrate awareness of the different trajectories of specific social movements in India.

DSE II: Colonialism and Nationalism in India

- Understand different ways colonialism and nationalism have been understood.
- Understand the nature of colonial rule and its consolidation in India.
- Demonstrate awareness of the impact of colonialism on Indian economy and society.
- Show knowledge of the emergence of the anti-colonial nationalist movement in India.
- Understand distinct periods of the nationalist movement and resistance politics.
- Be aware of various social movements, their questions, and contributions to the nationalist movement.

Semester VI

DSE I: India's Foreign Policy in a Globalizing World

- Learn about India's diplomatic maneuvers in global hierarchical relationships.
- Understand challenges India faces in securing its interests as a postcolonial state.

- Study India’s engagement with powerful nations like the USA, Russia, and China.
- Enhance understanding of India’s strategies in South Asia.
- Learn about India’s negotiation strategies in global trade, environment, and security regimes.

DSE II: Feminism: Theory and Practice

Understand the concept of patriarchy and different feminist approaches.

Learn about different trajectories of feminism in Western, socialist, and Indian contexts.

Make sense of how patriarchy functions within the family.

Skill Enhancement Program (SEC)

Conflict and Peace Building

- Understand the meaning, nature, and significance of peace, conflict management, conflict resolution, and conflict transformation.
- Learn the importance of resource sharing in conflict zones.
- Understand ideological and socio-cultural dimensions of conflict at local, sub-national, and international levels.
- Learn negotiation and mediation skills for conflict resolution through active listening, different diplomacy tracks, and Gandhian methods.

Your Laws and Your Rights

- Understand law as a source of rights.
- Understand democratic values like equality and justice and laws upholding these values.
- Be aware of democratic rights guaranteed to Indian citizens and persons.
- Develop skills to use legal procedures to safeguard rights.
- Be aware of procedures like obtaining identity documents.
- Understand the structure and principles of the Indian legal system.

B.A. (Honours) Philosophy

Programme Outcomes

After completing the B.A. (Honours) in Philosophy, students will develop the following skills:

PO1: Develop linguistic and analytical skills useful for advanced studies.

PO2: Relate theoretical classroom knowledge to social and national issues.

PO3: Critically appreciate scholarly presentations and engage in crossdisciplinary debates.

PO4: Gain practical experience through project work and field study, enhancing employability.

PO5: Obtain training in primary research, motivating further advanced research.

PO6: Instill greater life values, contributing to their development as worthy citizens.

Specific Outcomes (PSOs)

Philosophy graduates will be capable of:

PSO1: Understanding the basics of philosophy, including metaphysics, epistemology, and logic.

PSO2: Applying philosophical knowledge to interdisciplinary areas like Political Science, Sanskrit, and Sociology.

PSO3: Enhancing logical reasoning and communication skills.

PSO4: Combining various philosophical views into a unified whole.

PSO5: Recognizing different values and moral dimensions, increasing responsibility.

PSO6: Developing defensive skills and the ability to establish and challenge philosophical views.

PSO7: Improving evaluative skills and constructing systematic arguments.

PSO8: Gaining awareness of major figures and developments in the history of philosophy.

PSO9: Learning uptodate techniques and accepted answers to philosophical questions.

PSO10: Selecting career paths in fields like judiciary, education, research, social work, and journalism.

PSO11: Applying personal value systems to their social contexts.

PSO12: Developing new directions and hypotheses in research.

Course Outcome

Semester I, CC1: Indian Philosophy

Course Objectives

CO1: Familiarize students with Indian philosophical systems.

CO2: Develop understanding of major epistemological and metaphysical concepts.

CO3: Expose students to various Indian texts.

CO4: Improve critical reading, rational understanding, and writing abilities.

CO5: Help students apply Indian philosophical concepts to manage stress and life challenges.

Course Learning Outcomes

CLO1: Understand metaphysics and epistemology of various schools, aiding societal understanding.

CLO2: Conduct comparative analysis of systems, enhancing debating skills.

CLO3: Develop critical thinking and analytical skills.

CLO4: Improve oral and written communication through projects, quizzes, and seminars.

Semester I, CC2: Logic

Course Objectives

CO1: Understand basic concepts of logic.

CO2: Learn about sentence, proposition, truth, validity, categorical syllogism, Venn diagrams, and informal fallacies.

CO3: Develop understanding of deductive reasoning.

CO4: Cover theoretical and applied aspects of logic.

CO5: Differentiate various language applications.

CO6: Identify defects in everyday conversations using informal fallacies.

CO7: Preserve intellectual sanctity in a mediasaturated world.

Course Learning Outcomes

CLO1: Sharpen reasoning and argumentation skills.

CLO2: Enhance analytical skills to resolve issues and find reasonable solutions.

CLO3: Improve scoring and ranking through enhanced logical skills.

Semester II, CC3: Greek Philosophy

Course Objectives

CO1: Familiarize students with the origins of Western philosophy.

CO2: Study PreSocratic natural philosophers, Eleatic philosophers, Sophists, and Socrates.

CO3: Introduce Plato's theory of virtue and form.

Course Learning Outcomes

CLO1: Gain a comprehensive understanding of early Greek philosophy.

CLO2: Understand the foundation of classical philosophical thought.

Semester II, CC4: Ethics

Course Objectives

CO1: Introduce students to basic ethical theories.

CO2: Enhance decisionmaking capabilities with ethical theories.

CO3: Achieve clarity and creativity in given situations.

CO4: Judge the moral significance of actions and events.

Course Learning Outcomes

CLO1: Gain orientation from an ethical perspective.

CLO2: Understand and interpret events rationally.

CLO3: Evaluate actions from a moral basis.

Semester III, CC5: Western Philosophy

Course Objectives

CO1: Provide a comprehensive understanding of Western philosophy, starting with Descartes.

CO2: Analyze texts of Western philosophical traditions.

CO3: Understand how philosophers evaluate others' theories.

CO4: Understand the development of human thought.

Course Learning Outcomes

CLO1: Understand the shift from orthodox to scientific philosophy.

CLO2: Learn the debate between Rationalism and Empiricism.

CLO3: Gain insights into metaphysical theories.

Semester III, CC6: Social and Political Philosophy

Course Objectives

CO1: Analyze societal and political issues philosophically.

CO2: Study social and political thinkers, theories, and concepts.

CO3: Survey fundamental social and political questions in the current context.

Course Learning Outcomes

CLO1: Understand democracy and citizenship.

CLO2: Know the rights of individuals and communities.

CLO3: Live cohesively in a multicultural society.

Semester III, CC7: Applied Ethics

Course Objectives

CO1: Analyze real life situations from ethical perspectives.

CO2: Apply ethical theories to real life situations.

CO3: Resolve moral dilemmas using ethical tools.

CO4: Generate ethical decision making.

Course Learning Outcomes

CLO1: Understand and reflect on moral situations in daily life.

CLO2: Focus on human rights and universality.

Semester III, SEC1: Critical Thinking and Decision Making

Course Objectives

CO1: Develop thinking skills.

CO2: Enable justifiable decisions in complicated situations.

CO3: Analyze thinking and present evidence.

CO4: Encourage creative, clear, and reflective thinking.

Course Learning Outcomes

CLO1: Generate innovative ideas for difficult situations.

CLO2: Encourage risk taking and problem solving.

CLO3: Develop intellectual traits like critical reading and writing.

CLO4: Provide clarity and understanding for analysis.

CLO5: Use observation, analysis, and evaluation skills.

CLO6: Become selfdirected, selfmonitored, and selfcorrective.

Semester I, Generic Elective (GE1): Ethics in Public Domain

Course Objectives

CO1: Apply ethical principles in public life.

CO2: Develop an ethical perspective on sociopolitical and economic issues.

CO3: Address the crisis of values in today's consumerist world.

CO4: Generate ethical awareness and inspire social responsibility.

Course Learning Outcomes

CLO1: Handle sociopolitical issues ethically.

CLO2: Increase awareness of public issues and empathy for marginalized groups.

CLO3: Foster ethical responsibility and vision for change.

Semester II, Generic Elective (GE2): Formal Logic

Course Objectives

CO1: Acquaint students with logic for formal and informal reasoning.

CO2: Understand the structure of arguments and reasoning.

CO3: Distinguish between sound and unsound arguments.

CO4: Apply logical skills for testing syllogistic arguments.

Course Learning Outcomes

CLO1: Enhance reasoning skills and distinguish between sound and unsound arguments.

CLO2: Differentiate between superstitions and logical beliefs.

CLO3: Make strong arguments for personal beliefs.

CLO4: Solve logical argument questions in competitive exams.

CLO5: Construct and reject arguments effectively.

Semester III, Generic Elective (GE3): Feminism

Course Objectives

CO1: Create gender sensitization.

CO2: Raise awareness of societal inequalities related to gender.

CO3: Address women's concerns and the natureculture debate.

Course Learning Outcomes

CLO1: Understand feminist ideology and objectives.

CLO2: Recognize historical and current oppression and discrimination against women.

CLO3: Sensitize students to deeprooted sexism.

Semester IV, Generic Elective (GE4): Bioethics

Course Objectives

CO1: Understand ethical concerns in healthcare.

CO2: Develop competence in policymaking for ethical committees in healthcare.

Course Learning Outcomes

CLO1: Understand ethical and moral concerns in medicine and healthcare.

CLO2: Analyze practical healthcare situations ethically.

CLO3: Create awareness about ethical medical practices.

B.A. (Hons.) Sanskrit

Programme Outcome

Please refer https://spm.du.ac.in/images/B.A.Hons.Sanskrit.pdf

Course Outcome

Please refer https://spm.du.ac.in/images/B.A.Hons.Sanskrit.pdf

B.A. (Hons.) Hindi

Programme Outcome

Please refer https://spm.du.ac.in/images/22082019_B.A._Hons._Hindi.pdf

Course Outcome

Please refer https://spm.du.ac.in/images/22082019_B.A._Hons._Hindi.pdf

B.A. Programme

Programmes Outcome and Course Outcome

Please refer

Computer Science

https://spm.du.ac.in/images/Annexure-85._BA-Prog._Computer_Application.pdf

Economics

https://www.du.ac.in/uploads/RevisedSyllabi1/Annexure-171.%20(BA%20(Prog)%20Economics).pdf

HDFE

https://spm.du.ac.in/images/24072019_B._A._Prog._HDFE_1.pdf

Hindi

https://spm.du.ac.in/images/22082019_B.A._Programme_Hindi.pdf

History

https://spm.du.ac.in/images/BA_Prog._History_Syllabus_.pdf

Food Technology

https://spm.du.ac.in/images/24072019_B._A._Prog._FT.pdf

Mathematics

https://spm.du.ac.in/images/MathsB.A.ProgREVISED.pdf

Music

https://spm.du.ac.in/images/Music_3-07-19_syllabus_of_B.A_Prog._word.docx.pdf

Physical Education

https://spm.du.ac.in/images/17052019_Physical-education.pdf

Political Science

https://www.polscience.du.ac.in/userfiles/images/pdf_file/BA%20Prog%2015%20May.pdf

Philosophy

https://spm.du.ac.in/images/BA-Prog-Philosophy-Booklet.docx_1.pdf

Sanskrit

https://spm.du.ac.in/images/Annexure-164._B.A._P_Sanskrit.pdf

Sociology

https://spm.du.ac.in/images/Ba_prog_Syllabus_Sociology_2019.pdf

COs under NEP-2020, Please refer:

https://spm.du.ac.in/index.php?option=com_content&view=article&id=235&Itemid=433&lang=en

AECC Environmental Studies

Course Outcomes

The course will empower the undergraduate students by helping them to:

CO1: Gain in-depth knowledge on natural processes and resources that sustain life and govern economy

CO2: Understand the consequences of human actions on the web of life, global economy, and quality of human life.

CO3: Develop critical thinking for shaping strategies (scientific, social, economic, administrative, and legal) for environmental protection, conservation of biodiversity, environmental equity, and sustainable development.

CO4: Acquire values and attitudes towards understanding complex environmental economicsocial challenges, and active participation in solving current environmental problems and preventing the future ones.

CO5: Adopt sustainability as a practice in life, society, and industry

Hindi Competency Enhancement Compulsory Course (AECC)

Hindi Language and Communication (Bahaecc01)

CO1 Will Acquaint The Student With The Forms And Principles Of Linguistic Communication.

CO2. Effective Communication: Information Will Be Received Through Various Mediums.

CO3 By Explaining The Importance Of Effective Communication, Students Will Also Become

Competent In Writing, Speaking And Reading For Various Fields Of Employment.

AECC: English Ability Enhancement Course Compulsory(AECC 1)

Co-1 Understanding Concepts

Co-2 Expressing Concepts Through Writing

Co-3 Demonstrating Conceptual And Textual Understanding In Tests An

Value Added Courses

Course Outcome

https://spm.du.ac.in/images/VAC_Syllabus.pdf

Additional Information -Master of Arts

Programmes Outcome and Course Outcome

MA Political Science

https://www.polscience.du.ac.in/userfiles/images/pdf_file/3.%20MA%20PROGRAMME%20BROCHURE%20%20NOV%202019.pdf

MA Hindi

https://www.du.ac.in/uploads/RevisedSyllabi1/Annexure-46.%20M.A%20Hindi%20syllebus%20cbcs.pdf

MA Sanskrit

https://www.du.ac.in/uploads/new-web/syllabi/23022022/4.%20M.A.%20Sanskrit.pdf