



SH. L.N. HINDU COLLEGE, ROHTAK

(Affiliated to M.D. University, Rohtak)

Accredited by NAAC with B (2.74) Grade

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INDEX

Course Outcomes (COs), Programme Outcomes (POs) & Programme Specific Outcomes (PSOs) for UG, Hons., and Vocational Programmes

Sr.No.	Name of Programme	Page No.
1.	M.Com	2-8
2.	MSc. (Mathematics)	9-15
3.	M.Com (Hons.) Int. 5 Year	16-24
4.	MA (Hindi)	25-30

COURSE OUTCOMES

Name of Programme: M.COM (2years)

Semester-I

Paper: 16MCO21C1 Accounting Standards and Financial Reporting

CO1: Students will be able to know process of setting of standards in India.

CO2: Would help in understanding conceptual framework of IFRS.

CO3: Students gain complete knowledge about corporate annual report.

CO4: Gain in-depth knowledge of contemporary issues in Accounting.

Paper: 16MCO21C2 Statistical Analysis for Business

CO1: The students will enable to understand the Correlation and Regression Analysis, Probability Distribution: Binomial, Poisson and Normal Distribution.

CO2: The students will learn the Hypotheses testing, Sampling tests – Large and Small Sample tests Z- Test, T- Test.

CO3: This will help the students to understand Parametric and Non-Parametric tests.

CO4: This will enable the students to understand the Association of Attributes, Chi-Square test etc.

Paper: 16MCO21C3 Managerial Economics

CO1: Help the students to understand the meaning and nature of managerial economics and theories of consumer choice.

CO2: Enable the students to understand production and cost functions.

CO3: Provide help in enhancing the knowledge of students about meaning and nature of macro economics and the concept of inflation.

CO4: Provide the students to understand the various macro economics indicators.

Paper: 16MCO21C4 Computer Application in Business

CO1: To know the basics of Computer System, Functioning of Computer, Various types of computer, Computer Software & Hardware and Information processing system. Students will learn to various input and output devices as well as storage devices.

CO2: Students will learn the concept of Internet, its applications like E-Mail, E-Commerce and various E-Commerce System: B2B, B2C, C2C, C2B, B2G and G2C.

CO3: Students will learn practical knowledge of various application software in MS-Office like MS- Word, MS-Excel, MS-Power point.

CO4: Students will able to learn Accounting Package: Tally and its applications. Students will also cover Statistical Package: SPSS and its applications.

Paper: 16MCO21D5 Principles of Management

CO1: Students will get complete knowledge about the evolution of management and how it will affect future managers and to make the students to practice the process of management functions: planning, organising, staffing, directing, and controlling.

CO2: Students will be able to understand the process of motivation and its various theories.

CO3: Students will come to know about various leadership styles to anticipate the consequences of each leadership.

CO4: Enable the students to understand the types and process of communication and transactional analysis.

Semester-II

Paper: 16MCO22C1 Management Accounting

CO1: This Course content will help the students about Management Accounting concept, nature and scope. What is the difference between Financial Accounting v/s Cost Accounting v/s Management Accounting and its utility in the organisation.

CO2: The Students will know about the budgetary control process benefits and limitations. They will also know about the classification of budgets and its preparation.

CO3: The Students will know about different contemporary issues in the Management Accounting like: - Activity based accounting, value chain analysis, quality and target costing.

CO4: This course content will help decision involving alternate choice cost concepts process and specific decision like- make or buy, expand or buy, change v/s status quo, retain or replace.

Paper: 16MCO22C2 Investment Management

CO1: Students will be able to understand the meaning, nature, scope and types of investment.

CO2: Enable the students to understand various Capital Market instruments and their operations in India.

CO3: Familiarise students to make valuation of various financial securities.

CO4: Will equip students with skills of fundamental and technical analysis of investments and learn about theoretical paradigms of EMH.

Paper: 16MCO22C3 Financial Management

CO1: Students will be able to understand the conceptual framework of Financial Management.

CO2: Help the Students to know the measures of Cost of Capital and Financial leverage to form long term policies for Business.

CO3: Students will be able to apply Capital Budgeting projects using Traditional and Modern methods.

CO4: Develop critical thinking and problems solving competencies at both individual and group levels.

Paper: 16MCO22C4 Organisational Behaviour

CO1: Students will be able to understand the concept of Organisational Behaviour and its relationship with other fields and will get complete knowledge about Learning.

CO2: Help to develop knowledge about the Attitude, changing of attitude and aspects of personality.

CO3: Make students learn about Perception, factors influencing perception, Group Dynamics and Team Development.

CO4: Students acquire knowledge about organisational conflict, its dynamics, traditional and modern approaches to conflict and organisational development.

Paper: 16CSAF1 Computer Fundamentals (Foundation Course)

CO1: Bridge the Fundamental Concepts of Computers with the present level of knowledge of the students.

CO2: Familiarise operating Systems, Programme Languages, Peripheral devices, Networking multimedia and internet.

CO3: Understand binary, hexadecimal and octal number system and their arithmetic.

CO4: Understand the applications of Computer as a social, moral and educational tool.

Paper: 16ENVO1 Environmental Issues (Open Elective)

CO1: This subject focuses on greenhouse gases and greenhouse effects and teaches the individuals their role in global warming and how population, industrialization and urbanization are responsible for climate change.

CO2: Describe and awareness about the role of deforestation, desertification, mining and oil exploration in degrading the environment.

CO3: Describe the various sources and harmful effects of atmospheric gases which are responsible for air pollution. Water pollution, soil pollution and solid waste cause toxicity and degradation of land.

Semester-III

Paper: 17MCO23C1 Portfolio Management

CO1: The Students will gain a comprehensive understanding of the concept of Portfolio and its allied aspects. Students will also gain skills of building Portfolio with the help of Markowitz's model,

CO2: The Students will get knowledge about Sharpe's Index Model and Capital Assets Pricing Model

CO3: The Students will understand main techniques of Portfolio performance evaluation and will gain Comprehensive knowledge about Arbitrage Pricing Theory.

CO4: This will enable the students to comprehend the premise of Behavioural Finance and will equip students with strategies of Great Masters in the sphere of investment management.

Paper: 17MCO23C2 Corporate Tax

CO1: The Students will learn the important terms of Corporate Tax and how the residential status of Corporate Sector is being determined.

CO2: The Students will become familiar with the provisions of income tax regarding assessment of insurance companies and provisions of MAT.

CO3: The Students will know about the provisions for assessment of charitable trust, education institutions, political parties, co-operative societies and income of non-residents.

CO4: The Students will know about the unilateral relief in case of double taxation relief. Students will also become familiar with the basic mechanism of Income Tax Act with special provisions of cooperative societies in India and discontinued business.

Paper: 17MCO23D3 Marketing Concepts and Decisions

CO1: The students will understand meaning, nature, scope and importance of marketing and how strategic marketing planning will be adopted by the marketer.

CO2: The students will know about the Marketing environment Marketing segmentation and Targeting and how the Consumer behaviour effect on Marketing.

CO3: This course content will helpful for the student to know about Product, Product line and Mix .Branding Packaging and labelling into the marketing strategic of New Product Development.

CO4: The students will understand about Communication Process, Promotion mix, Personal selling, Sales promotion and Media selection for the Advertisement.

Paper: 17MCO23D4 Advance Cost Accounting

CO1: The students will understand Modern Techniques of inventory management and material requirements planning for the manufacturing of the product.

CO2: The students will know about the Enterprise Resource Planning for the project management successfully into modern technology.

CO3: The students will understand the concept of Process costing how product manufacturing by the process or cost will be calculated.

CO4: The students will know about how to Cost Control Account will prepare and Integrated course accounts to minimise the accounts and Uniform costing help to co-ordinate between the industries.

Paper: 16ENVO2 Disaster Management

CO1: This subject offers knowledge and help in understanding about the disaster, climate, coastal zone and way of tackling the disastrous situation.

CO2: The course prepares the student about the environmental challenges like flood, cyclone, and tsunamis and learns about how to deal such type of problems.

CO3: It focuses on preparing the individual modern defending technique and instruction during earthquake, volcanic eruption and helps in maintaining the coordination during emergency and critical situation.

Semester-IV

Paper: 17MCO24C1 Cost Accounting Standards and Reporting

CO1: Students will be able to acquire conceptual knowledge of Institute of Cost Accountants of India and Cost accounting standard board.

CO2: The students will get a clear picture of the concept of Cost Accounting Standards and how they can be effectively applied for achieving goals and objectives.

CO3: This unit will benefit the students by providing deep insights into concept of cost auditor.

CO4: This unit will provide deep insights into cost audit and cost audit records.

Paper: 17MCO24C2 Corporate Tax Planning and Management

CO1: Enable the Students to know about the difference between Tax evasion, Tax avoidance, Tax planning and Tax management.

CO2: Students will become familiar about the Income Tax incentive provided to the industrial undertakings established for the development of Infrastructure facilities and backward area.

CO3: Help the students to learn about the provisions of Income Tax Act during taking of financial decisions.

CO4: Help the students to understand the provisions regarding various issues involved with the assets used in business.

Paper: 17MCO24C3 Business Research Methods

CO1: Enable students to understand a general definition of research and its process.

CO2: Inculcate students to identify the suitable research design.

CO3: Students acquire knowledge about various sampling techniques and sampling size.

CO4: Students should know the methods of presentation of results and how to write research report.

Paper: 17MCO24D4 Human Resource Management

CO1: Students will be able to understand the Importance, Objective and Scope of Human Resource Management (HRM).

CO2: Enable the students to learn about the steps, Techniques of Recruitment, Selection, Training and Management Development.

CO3: Inculcate students an insight about the Wage and Salary Administration and Wage Incentives

CO4: Providing help to develop strategic action plans about Human Resources Development, Industrial Relationship and Industrial Unrest

Paper: 17MCO24D5 Production Management

CO1: Help the students to know about the concept, nature and scope of production management and how production will be produce by process and what is the relationship between production and other functions.

CO2: The Students will know about how a plant locate what theories about Location will be implemented of a plant and what are the factors influence to establish a plant. What is plant layout its objectives and types. What are the factors affecting layout plant.

CO3: This Course content will help the students about how to create production planning and its Types and techniques. They will be able to understand the of production control techniques how they can be effectively applied for achieving goals and objectives.

CO4: The students will be able to understand quality control objectives and techniques for achieving goals. How plant to be maintained. What are its programs and techniques?

Paper: 17MCO24D6 International Marketing

CO1: The students are introduce the concept of international marketing, benefits, problem of international marketing also understand external & internal marketing.

CO2: This concept helps to know technique of foreign marketing, global segmentation, positioning & impact of globalization.

CO3: This course helps to make successful international planning, organizing, controlling activity, product decision & packing as well.

CO4: Students come to know about pricing strategies, promotion decision, advertising & public relation.

Programme Outcomes

PO1: To equip students to develop independent logical thinking and facilitate personality development.

PO2: To help the students for seeking suitable careers in management and entrepreneurship.

PO3: To help the students to gain knowledge about legal and ethical issues in a business organisation.

PO4: To provide in-depth understanding of all core areas specifically Advanced Cost Accounting, Management Accounting, Production Management, Security Analysis and Portfolio Management and Business Environment, Research Methodology and Tax planning.

PO5: To enable the students to serve as a human resource needed for industry, consultancy, education, service, research, public administration, insurance and management.

Programme Specific Outcomes

PSO 1: Equip the students with higher level of information and understanding of latest trends in commerce and business finance.

PSO 2: Impart the students with conceptual requirements and skills on preparation and interpretation of financial statements.

PSO 3: Students gain complete knowledge to apply Statistical methods and proficient use of tools for analysis of business data.

PSO 4: Students get complete knowledge to apply capital budgeting techniques for investment decisions.

PSO 5: Enable the students for an in depth analysis of investment, portfolio management, investment banking and liquidation of investments.

PSO 6: Help the students to learn and frame production management techniques.

PSO 7: Inculcate the students with practical skills to work as tax consultant, cost auditor and other financial supporting services .

PSO 8: Help the students to plan and undertake independent research in a chosen discipline.

Course outcomes

Name of the Program:- M.Com First semester

Paper Managerial economics

- C01:- The student will know about the Nature, Scope and importance of marginal economics what is the role of the Managerial Economics Consumer behaviour and Demand Estimation methods.
- C02:- This course content will help the student in gaining knowledge about Marginal uses of production function Analysis and Optimal Combination of input. How to calculate the cost in a short run and long run behaviour of the firm under different Market like Perfect, Monopoly and Monopolistic competition what is the difference between Price and Non price competition.
- C03:- This course content will be helpful for the students about the macroeconomics Nature and scope. How to circular flow of national income, multiplier and accelerator marginal efficiency of capital into the macro Economics what is economic development they will be able to know about the differentiate between Economic Development and growth and its measurement and determinants. Inflation its causes and effect on the economic development and how to control the inflation.
- C04:- The student will know about the Budget and the Deficit financing. Balance of Payment management they will be able to differentiate between BOP and BOT what is a Foreign Exchange Rate and how to manage exchange rate what is the role of managerial its decision making. Business cycle phases, causes theories and methods and they will be able to control the Business cycle.

- **Course outcomes**

- Name of the Program ; - M.com 3rd semester

- *Paper 17MC023DA1*

- Marketing Concepts and Decisions

- C01:- The students will understand Marketing Nature , scope and importance understanding about different concepts and value delivery of marketing about the consumer. How to strategic marketing planning will be adopted by the marketer.

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- C02:- The students will know about the Marketing environment Marketing segmentation and Targeting and how the Consumer behaviour effect on Marketing.

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- C03:- This course content will helpful for the student to know about Product, Product line and Mix .Branding Packaging and labelling into the marketing strategic of New Product Development.

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- CO4:- The students will understand about Communication Process, Promotion mix, Personal selling, Sales promotion and Media selection for the Advertisement and sales promotion Distribution Channels and Physical Distribution Nature, Function and type of different distribution channel help into the marketing and how to take decisions into the Physical distribution.

COURSE OUTCOMES

- **Name of the Program: M.SC (Mathematics) (2 Years)**

- **Semester-I**

- **Paper:16MAT21C1 Abstract Algebra**

- CO1:Apply group theoretic reasoning to group actions.
- CO2:Learn properties and analysis of solvable & nilpotent groups, Noetherian & Artinian modules and rings.
- CO3:Apply Sylow's theorems to describe the structure of some finite groups and use the concepts of isomorphism and homomorphism for groups and rings.
- CO4:Use various canonical types of groups and rings, cyclic groups and groups of permutations, polynomial rings and modular rings. Analyse and illustrate examples of composition series, normal series, subnormal series.

- **Paper:16MAT21C2 Mathematical Analysis**

- CO1: Understand Riemann Stieltjes integral, its properties and rectifiable curves.
- CO2:Learn about pointwise and uniform convergence of sequence and series of functions and various tests for uniform convergence.
- CO3:Find the stationary points and extreme values of implicit functions.
- CO4:Be familiar with the chain rule, partial derivatives and concept of derivation in an open subset of \mathbb{R}^n .

- **Paper:16MAT21C3 Ordinary Differential Equations**

- CO1:Apply differential equations to variety of problems in diversified fields of life.
- CO2:Learn use of differential equations for modelling and solving real life problems.
- CO3:Interpret the obtained solutions in terms of the physical quantities involved in the original problem under reference.
- CO4:Use various methods of approximation to get qualitative information about the general behaviour of the solutions of various problems.

- **Paper:16MAT21C4 Complex Analysis**

- CO1:Be familiar with complex numbers and their geometrical interpretations.
- CO2:Understand the concept of complex numbers as an extension of the real numbers.
- CO3:Represent the sum function of a power series as an analytic function.
- CO4:Demonstrate the ideas of complex differentiation and integration for solving related problems and establishing theoretical results. Understand concept of residues, evaluate contour integrals and solve polynomial equations.

- **Paper:16MAT21C5 Mathematical Statistics**

- CO1: Understand the mathematical basis of probability and its applications in various fields of life.
- CO2: Use and apply the concepts of probability mass/density functions for the problems involving
 - single/bivariate random variables.
- CO3: Have competence in practically applying the discrete and continuous probability distributions along
 - with their properties.
- CO4: Decide as to which test of significance is to be applied for any given large sample problem.

• Semester-II

• Paper:16MAT22C1 Theory of Field Extensions

- CO1: Use diverse properties of field extensions in various areas.
- CO2: Establish the connection between the concept of field extensions and Galois theory.
- CO3: Describe the concept of automorphism, monomorphism and their linear independence in field
 - theory.
- CO4: Compute the Galois group for several classical situations. Solve polynomial equations by radicals
 - along with the understanding of ruler and compass constructions.

• Paper:16MAT22C2 Measure and Integration Theory

- CO1: Describe the shortcomings of Riemann integral and benefits of Lebesgue integral.
- CO2: Understand the fundamental concept of measure and Lebesgue measure.
- CO3: Learn about the differentiation of monotonic function, indefinite integral, use of the fundamental
 - theorem of calculus.

• Paper:16MAT22C3 Integral Equations and Calculus of Variations

- CO1: Understand the methods to reduce Initial value problems associated with linear differential
 - equations to various integral equations.
- CO2: Categorise and solve different integral equations using various techniques.
- CO3: Describe importance of Green's function method for solving boundary value problems
 - associated with non-homogeneous ordinary and partial differential equations, especially the Sturm-Liouville boundary value problems.
- CO4: Learn methods to solve various mathematical and physical problems using variational techniques.

• Paper:16MAT22C4 Partial Differential Equations

- CO1: Establish a fundamental familiarity with partial differential equations and their applications.
- CO2: Distinguish between linear and nonlinear partial differential equations.
- CO3: Solve boundary value problems related to Laplace, heat and wave equations by various methods.
- CO4: Use Green's function method to solve partial differential equations. Find complete integrals of
 - Non-linear first order partial differential equations.

• Paper:16MAT22C5 Operations Research Techniques

- CO1: Identify and develop operations research model describing a real-life problem.
- CO2: Understand the mathematical tools that are needed to solve various optimization problems.
- CO3: Solve various linear programming, transportation, assignment, queuing, inventory and game problems related to real life.
- **Paper:16ENVO1 Environmental Issues (Open Elective)**
- CO1: This subject focuses on greenhouse gases and greenhouse effects and teaches the individuals their role in global warming and how population, industrialization and urbanization are responsible for climate change.
- CO2: Describe and awareness about the role of deforestation, desertification, mining and oil exploration in degrading the environment.
- CO3: Describe the various sources and harmful effects of atmospheric gases which are responsible for air pollution. Water pollution, soil pollution and solid waste cause toxicity and degradation of land.
- **Paper:18SKTO1 Ancient Indian culture & Philosophy (Open Elective)**
- CO1: विद्यार्थियों ने रामायण की कथा के स्वरूप, महत्त्व और विभिन्न संस्करणों के विषय में जानकारी प्राप्त की।
- CO2: विद्यार्थियों ने महाभारत के स्वरूप, महत्त्व तथा विभिन्न संस्करणों के बारे में जाना।
- CO3: विद्यार्थियों ने गीता के दूसरे अध्याय के स्वरूप तथा आत्मावस्थित प्रज्ञ इत्यादिके विषय में ज्ञान प्राप्त किया ।
- CO4: विद्यार्थियों की योग के आठ अंगों के विषय में जानकारी संवर्धित की गई।
- **Paper:16CSAF1 Computer Fundamentals (Foundation Elective Course)**
- CO1: Bridge the Fundamental Concepts of Computers with the Present level of Knowledge of the students.
- CO2: Familiarise operating Systems, Programme Languages, Peripheral devices, Networking multimedia and internet.
- CO3: Understand binary, hexadecimal and octal number system and their arithmetic.
- CO4: Understand the applications of Computer as a social, moral and educational tool.
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- **Paper:16JRMO1 Media & Society (Foundation Elective Course)**
- CO1: Students will understand concept, meaning and types of Mass Media and characteristics of various types of Mass Media.
- CO2: Students will get knowledge about history and evolution of Print media and how did Freedom fighters contribute in Journalism.
- CO3: Students will get knowledge about origin and development of Radio and T.V. in India and various types of Radio and T.V.
- CO4: Students will understand about History, development and emerging trends of Cinema and New Media in India.
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- **Semester-III**
- **Paper:16MAT23C1 Functional Analysis**
- CO1: Be familiar with the completeness in normed linear spaces.
- CO2: Understand the concepts of bounded linear transformation, equivalent formulation of continuity and spaces of bounded linear transformations.

- CO3: Describe the solvability of linear equations in Banach Spaces, weak and strong convergence and
- their equivalence in finite dimensional space.
- CO4: Learn the properties of compact operators. Understand uniform boundedness principle and its
- consequences.
- **Paper: 17MAT23C2 Elementary Topology**
- CO1: Get familiar with the concepts of topological space and continuous functions.
- CO2: Generate new topologies from a given set with bases.
- CO3: Describe the concept of homeomorphism and topological invariants.
- CO4: Establish connectedness and compactness of topological spaces and proofs of related theorems. Have
- in-depth knowledge of separation axioms and their properties.
- **Paper: 17MAT23C3 Fluid Dynamics**
- CO1: Be familiar with continuum model of fluid flow and classify fluid/flows based on physical
- properties of a fluid/flow along with Eulerian and Lagrangian descriptions of fluid motion.
- CO2: Derive and solve equation of continuity, equations of motion, vorticity equation, equation of
- moving boundary surface, pressure equation and equation of impulsive action for a moving inviscid fluid.
- CO3: Calculate velocity fields and forces on bodies for simple steady and unsteady flow including those
- derived from potentials.
- CO4: Understand the concepts of velocity potential, stream function and complex potential, and their use
- in solving two-dimensional flow problems applying complex-variable techniques.
- **Paper: 17MAT23DA1 Discrete Mathematics**
- CO1: Be familiar with fundamental mathematical concepts and terminology of discrete mathematics and
- discrete structures.
- CO2: Express a logic sentence in terms of predicates, quantifiers and logical connectives.
- CO3: Use finite-state machines to model computer operations.
- CO4: Apply the rules of inference and contradiction for proofs of various results.
- **Paper: 17MAT23DB1 Analytical Number Theory**
- CO1: Know about the classical results related to prime numbers and get familiar with the irrationality of e
- and Π .
- CO2: Study the algebraic properties of U_n and Q_n .
- CO3: Learn about the Waring problems and their applicability.
- CO4: Learn the definition, examples and simple properties of arithmetic functions and about perfect
- numbers.
- **Paper: ENVO2 Disaster Management (Open Elective)**
- CO1: This subject offers knowledge and help in understanding about the disaster, climate, coastal zone and way of tackling the disastrous situation.

- CO2: The course prepares the student about the environmental challenges like flood, cyclone, and tsunamis and learns about how to deal such type of problems.
- CO3: It focuses on preparing the individual modern defending technique and instruction during earthquake, volcanic eruption and helps in maintaining the coordination during emergency and critical situation.

- **Paper: 16SKTO1 Ancient Indian culture & Philosophy (Open Elective)**

- CO 1 विद्यार्थियों ने रामायण की कथा के स्वरूप, महत्त्व और विभिन्न संस्करणों के विषय में जानकारी प्राप्त की।
- CO 2 विद्यार्थियों ने महाभारत के स्वरूप, महत्त्व तथा विभिन्न संस्करणों के बारे में जाना।
- CO 3 विद्यार्थियों ने विदुर नीति में उल्लिखित नीतितत्वों के विषय में ज्ञान प्राप्त किया।
- CO 4 विद्यार्थियों की योग के आठ अंगों के विषय में जानकारी संवर्धित की गई।

- **Semester-IV**

- **Paper: 17MAT24C1 Inner Product Spaces and Measure Theory**

- CO1: Understand Hilbert spaces and related terms.
- CO2: Introduce the concept of projections, measure and outer measure.
- CO3: Learn about Hahn, Jordan and Radon-Nikodyn decomposition theorem, Lebesgue-Stieltjes integral,
- Baire sets and Baire measure.

- **Paper: 17MAT24C2 Classical Mechanics**

- CO1: Be familiar with the concepts of momental ellipsoid, equimomental systems and general motion of a rigid body.
- CO2: Understand ideal constraints, general equation of dynamics and Lagrange's equations for potential forces.
- CO3: Describe Hamiltonian function, Poincare-Cartan integral invariant and principle of least action.
- CO4: Get familiar with canonical transformations, conditions of canonicity of a transformation in terms of Lagrange and Poisson brackets.

- **Paper: 17MAT24C3 Viscous Fluid Dynamics**

- CO1: Understand about vortex motion and its permanence, rectilinear vortices, vortex images and specific types of rows of vortices.
- CO2: Model mathematically the compressible fluid flow and describe various aspects of gas flow.
- CO3: Acquire knowledge of viscosity, relation between shear stress and rates of shear strain for Newtonian fluids, energy dissipation due to viscosity, and laminar and turbulent flows.
- CO4: Derive the equations of motion for a viscous fluid flow and use them for study of flow Newtonian fluids in pipes.

- **Paper: 17MAT24DA2 Graph Theory**

- CO1: Students get Knowledge of Model real world problems and solve them using basic Graph Theory.

- CO2: Students would be able to Understand graph, subgraphs, connected and disconnected graphs etc.
- CO3: Differentiate between Hamiltonian and Eulerian graphs.
- CO4: Students would be able to Solve problems involving vertex, edge connectivity, planarity and edge coloring.
- CO5: Students can Apply tree and graph algorithms to solve problems.

- **Paper: 17MAT24DB1 Algebraic Number Theory**

- CO1: Learn the arithmetic of algebraic number fields.
- CO2: Prove theorems for integral bases and unique factorization into ideals.
- CO3: Factorize an algebraic integer into irreducible.
- CO4: Obtain the ideals of an algebraic number ring.

- पाठ्यक्रम आउटकम्स
 - एम एस सी द्वितीय सेमेस्टर
 - विषय - संस्कृत ओपन ऐच्छिक

- CO 1 विद्यार्थियों ने रामायण की कथा के स्वरूप, महत्त्व और विभिन्न संस्करणों के विषय में जानकारी प्राप्त की ।
- CO 2 विद्यार्थियों ने महाभारत के स्वरूप, महत्त्व तथा विभिन्न संस्करणों के बारे में जाना ।
- CO 3 विद्यार्थियों ने गीता के दूसरे अध्याय के स्वरूप तथा आत्मा व स्थितप्रज्ञ इत्यादि के विषय में ज्ञान प्राप्त किया ।
- CO 4 विद्यार्थियों की योग के आठ अंगों के विषय में जानकारी संवर्धित की गई ।

- **Program Outcomes**

- PO1: Inculcate critical thinking to carry out scientific investigation objectively without being biased with preconceived notions.
- PO2: Equip the student with skills to analyse problems, formulate a hypothesis, evaluate and validate results, and draw reasonable conclusions thereof.
- PO3: Prepare students for pursuing research or careers in industry in mathematical sciences and allied Fields.
- PO3: Imbibe effective scientific and/or technical communication in both oral and writing.
- PO4: Continue to acquire relevant knowledge and skills appropriate to professional activities and demonstrate highest standards of ethical issues in mathematical sciences.
- PO5: Create awareness to become an enlightened citizen with commitment to deliver one's responsibilities within the scope of bestowed rights and privileges.

- **Program Specific Outcomes**

- PSO1: Communicate concepts of Mathematics and its applications.
- PSO2: Acquire analytical and logical thinking through various mathematical tools and techniques.
- PSO3: Investigate real life problems and learn to solve them through formulating mathematical models,

- PSO4: Attain in-depth knowledge to pursue higher studies and ability to conduct research. Work as
- mathematical professional.
- PSO5: Achieve targets of successfully clearing various examinations/interviews for placements in
- teaching, banks, industries and various other organizations/services.

COURSE OUTCOMES

Name of Programme :- M.COM HONS INTEGRATED

Semester:--1

MCH-1.01 INTRO TO STATISTICS

CO1: The students will understand the nature, scope, objectives, functions of statistics, and it describes the students about collecting, classifying, organising, presenting the data.

CO2: The students will be able to learn in detail about measures of central tendency, Dispersion.

CO3: This course will help the students in gaining the knowledge of Skewness, Kurtosis, Index Numbers.

CO4: With this course content, the students will learn the concept of Probability, probability theorems and they will be able to find the probability in different situations

MCH-1.02 BUSINESS COMMUNICATION

CO1- The students will learn about the importance of business communication and to ball aspects of communication.

CO2- This course make students learn the different levels of communication, channels of communication, mode of communication, consequences of miscommunication methods and policies or making verbal and non-verbal, oral and written, online and offline communication effective and productive.

CO3- Students gain knowledge about various steps regarding the various types of communication.

CO4- This course will help the students how to write the report.

MCH-1.03 BUSINESS ORGANISATION

CO1: It will help the students to learn the scope of business activity and Contribution of manufacturing and service sectors in Indian economy.

CO 2: The student will enable to understand the concept of globalization, liberalization and privatization.

CO 3: This course will help in enhancing the awareness among students about BPO, Networking Marketing, E-Commerce and M- Commerce, franchising.

CO 4: This course will enable the students to know which steps should be taken while setting up a business enterprise and to achieve the goal of the entrepreneur.

MCH-1.04 INTRO. TO ACCOUNTING

CO1:- The students will understand the meaning ,objectives basic terms of Accounting and they will be able to Generally Accepting Accounting Principles and Accounting standards.

CO2:- The students will understand Accounting Process like Journal, Ledger cashbook and other subsidiary books.

CO3:-The students will acquire knowledge regarding Capital & Revenue expenditure ,Depreciation & its methods.

CO4:- The students will understand the non-corporate business entities or non-profit organizations and accounting errors and its rectification. .

MCH-1.05 FUNDAMENTAL OF ECONOMICS

CO1:- The students will be able to know conceptual knowledge related to demand and Its elements.

CO2:- This course content will help the students gain knowledge related to price effect, income effect and substitution effect.

CO3:- The students will be able to gain conceptual knowledge regarding consumer surplus and revealed preference.

CO4:- Gain in-depth knowledge of production function and isoquant concept. variable input substitute

MCH-1.06 BUSINESS LAW

Co1: This unit will help the students to demonstrate the relationship between law and Economic activity by developing in the student an awareness of legal principles .

Co2: Students acquire knowledge about various types of contracts.

Co3: This unit will help the students to demonstrate the relationship between law and Economic activity by developing in the student an awareness of legal principles

Co4: Students are made aware about Sales of Goods Act ,1930

Semester:--2

Paper-MCH-2.01 FINANCIAL ACCOUNTING FOR BUSINESS

CO1:-The Students will know about the Hire purchase system and instalment payment system and their difference. They will also know about the lease Accounting.

CO2:- The Students will be able to identify overall about the branch their types and accounting system and different types of departmental accounts.

CO3:- This course content will be helpful for the Students about the Partnership amalgamation and sale of partnership firm dissolved according to the rule of Garner v/s Murray.

CO4:- This course content will helpful for the students to know about the Royalty accounting system and “An Introduction to Tally Software” will be useful for business

Paper-MCH-2.02 BUSINESS ECONOMICS

CO 1: This course will enable students to understand and grasp basic principles of Micro economics.

CO 2: The students will be able to acquire the Knowledge of cost theories and profit maximisation behaviour which will be helpful in taking business decisions.

CO 3: Students will be able to critically analyse firm’s behaviour under different market conditions.

CO 4: Students will have a deep understanding of how physical capital ,human capital and technology can be used effectively to attain sustainable development in an economy.

Paper-MCH-2.03 BUSINESS STATISTICS

CO1: This course will help the students to gather knowledge about various probability concepts and distributions and their business applications.

CO2: The students will understand the relationship between two variables using concepts of correlation and regression and its use in identifying and predicting the variables.

CO3: This course will help the students to understand the role of time series in business contexts and become aware of the patterns revealed by the time series data and to use it to make predictions for the future.

CO4: The students will understand the concept of Statistical decision Theory and gain knowledge about statistical quality control to take decisions by using different techniques

Paper-MCH-2.04 BUSINESS MANAGEMENT

Co1: This unit will enable the students to know about the evolution of management and its various modern and traditional approaches.

CO 2: The students will be able to understand the concept of management planning in-depth and analyze the environment surrounding them and make effective decisions after studying the decision-making process

Co3: The unit will benefit the students by providing deep insights into the concept of organizing, directing, and staffing. The students will get to know what are the different needs of human beings and how they can be satisfied via motivational theories.

Co4: The students will get a clear picture of the concept of communication and controlling techniques and how they can be effectively applied for achieving goals and objectives

Paper-MCH-2.05 BUSINESS LAW

CO1 : Students will be able to understand basic provisions of partnership Act 1932 and understand the legal system prevailing in to practice.

CO2: This unit intends to provide a basic understanding of the mechanism of Foreign Exchange Management Act.

CO3 : Students will be able to understand industrial disputes and will gain an understanding of various forms ,causes and authorities under the act.

CO4: This unit will provide deep insights in to Factories Act 1948 and its various provisions.

Paper-MCH-2.06 INTRODUCTION TO COMPUTER

CO 1 :Understand applications of computer, Generations ,Input/Output Devices of computer
Types of Programming Languages.

CO 2: Recognize types of networking LAN, WAN, MAN and word-processing advance features in detail.

CO 3: Make Familiar with Spreadsheet software and uses of formulas, how to make charts and Pivot Table in Ms Excel.

CO 4: Help identifying the components of Database and Database Models and basic knowledge of Ms Access.

Semester-03

Paper-MCH-3.01 BUSINESS MATHMETICS

CO1:The students will learn how to describe matrix concept and linear equations and input output model.

CO2:The students will understand the concept of compound interest ,annuities, time value of money. They will be able to evaluate the role played by mathematics in the world of business and economy.

CO3: The students will be able to explain variables, constants, algebraic functions and derivative functions and integrating functions

CO4: This course will enable the students to analyse and solve linear programming models of real life situations, provide graphical solutions, Understand the theory of the simplex method, learn about the applications to transportation and to define set theory.

Paper-MCH-3.02 CORPORATE ACCOUNTING

CO1: Would help in understanding regulatory environment in which the companies are formed and operate in India.

CO2: Enable the student to analyse issue related issue of shares, debentures and redemption of debentures.

CO3: Students will acquire knowledge regarding the valuation of goodwill and valuation of shares.

CO4: Enable the students to analyse complexities related to holding company.

Paper-MCH-3.03 COST ACCOUNTING

CO1: This course will assist students in learning the principles of cost and cost accounting.

CO2: This will improve students' knowledge of cost estimation.

CO3: Encourage students to pursue a career in cost accounting.

CO4: Help students to calculate the costs of goods and services.

Paper-MCH-3.04 COMPANY LAW

CO1- Students gain knowledge about the basic structure of the company.CO2- Enable the students to understand legal process regarding company establishment.

CO3- Enhance the knowledge about the various instrument plan opportunities.

CO4- Provide help to know about the corporate constitution.

Paper-MCH-3.05 PRINCLES OF MARKETING

CO1:-Students will be able to acquaint knowledge regarding marketing and consumer related issues.

CO2:-This course content will help to gain knowledge regarding concepts of market segmentation, branding, trademark and product life cycle.

CO3:-Students will be able to know different forms of Pricing and channel of distribution.

CO4:-This course content will help to gain knowledge regarding Promotion and Advertising

Paper-MCH-3.06 BASICS OF INFORMATION TECHNOLOGY

CO1: Students will understand the fundamental concepts of data, information and data processing, types and uses of information, Methods and Applications of data processing, Memory and its types, software and its types, Operating system and its classifications.

CO2: Students will acquire knowledge about Data Communication and various forms of data transmission, modes of data transmission, data transmission media and its types, E-commerce and its types, EDI, Mobile, Bluetooth and Infrared Communication, Smart card.

CO3: Students will understand the basic Concepts of Computer Network and its types, Network Topologies and its types, Internet and its applications, ISP, Multimedia and its various

components and Applications of /multimedia.

CO4: Students will acquire knowledge about PowerPoint and its Features, creating presentation in PowerPoint, Sound and Animation effects in PowerPoint, Printing in PowerPoint. Students also acquire knowledge about Tally and its Features, Preparation of Vouchers, Salary Statement, Maintenance of Accounting Books and Final Accounts.

Semester:--4

Paper:-MCH-4.01 CORPORATE ACCOUNTING

CO1: Students will be able to describe the different types of relationships amongst business entities and identify these relationships for financial reporting purposes

CO2: Determine the reporting entities for each inter-entity relationship, and explain the appropriate accounting policy choices.

CO3: Enable the students to demonstrate a thorough knowledge of relevant accounting standards and the ability to apply them to solve practical problems .

CO4: Provide the appropriate accounting techniques, as prescribed by the relevant accounting standards.

Paper:-MCH-4.02 BUSINESS ETHICS

CO1 : Students will be able to understand conceptual about Politics ,Business Ethics, idea of good society and corporate social responsibility.

CO2 : The students will get deep Insights in to Approaches to moral reasoning which would enable them to become Good citizen.

CO3: Students ill be able to Analyse various ethical codes in Corporate Governance.

Co4 : Students will be able to Analyse Employees conditions and Business Ethics.

Paper:-MCH-4.03 COMPANY LAW

CO1- The students will be able to understand the concept of share and stock and provision and procedure of allotment of shares.

CO2: This course make students information about the difference between shareholders and members and gain knowledge about alteration of share capital.

CO3:This course will help to develop knowledge about meeting and its procedure in a legal manner.

CO4: Enable the students to gain knowledge about methods and consequences of winding up of company.

Paper:-MCH-4.04 STATISTICAL ANALYSIS USING MS-EXCEL

CO1: This course will help the students to learn in detail about Experiments, Surveys, collection of data, Data preparation process, missing values, outliers.

CO2: This course will help the students to understand the concept in detail about Descriptive statistics, sampling and statistical interference, Degree of freedom, central limit theorem and they also will be able to calculate descriptive statistics in MS-Excel.

CO3: This course will help the students to learn the concept of Hypothesis testing in depth and will be able to calculate z-test, t-test with the help of MS-Excel.

CO4: This course will help the students to understand the concept of chi-square test, Anova, SPSS, pivot tables, missing values calculation of various test with the help of MS-Excel.

Paper-MCH-4.05 FINANCIAL INSTITUTIONS AND MARKETS

CO1: Explain and learn about the function of regulatory agencies is regulating and how banks manage their capital.

CO2: Describe and comprehend the many types of equity instruments that can be used by businesses to raise equity capital, as well as how these securities can be listed and traded on the Stock Exchange.

CO3: Determine share prices using various company valuation procedures.

CO4: Describe the elements that influence derivative instrument price. Have the capacity to discuss and write about the connections between financial market theory and financial market reports.

Paper-MCH-4.06 AUDITING

CO 1: First unit will give the basic knowledge of auditing. Their objectives, principles and techniques all will be explained.

CO2: The students will get a deep insight into the different procedure of audit i.e. routine checking, vouching and verification of assets and liabilities.

CO3: This unit will provide the rules for appointment of an auditor by a company. Their qualification, powers, duties all aspects will be explained to students in detail.

CO4: Students will be benefitted by knowing the procedure of making the audit report. Auditing and assurance standards and the concepts of investigation with their objectives , nature all will be explained in this unit

Paper:-MCH-5.01 FINANCIAL MANAGEMENT

CO1: Students will be able to understand the conceptual framework of financial management.

CO2: Help the students how to apply measures of cost of capital and financial leverage to form long term financial policies for business.

CO3: Students are acquainted with working capital concept.

CO4: Develop critical thinking and problems solving competencies at both individual and group levels.

Paper:-MCH-5.02 INVESTMENT ANALYSIS

CO1:- Students will have knowledge and skills to select base level tools for investment activities.

CO2:- This course content will provide overview of investment theories : Efficient Market theory, Technical analysis.

CO3:- Have a practical understanding of industry and company through the process of analysis.

CO4:- Have a practical understanding of stock market and various types of options..

Paper:-MCH-5.03 MONEY AND BANKING

CO1- Students learn the importance of the functions of money and to understand all evils of money.

CO2- Will help the students to understand the flow of money in Indian economy & rest of world.

CO3- Make the students enriched with the study of banking structures.

CO4- Provide the students to understand the concept of employment level, inflation & micro economic activity.

Paper:-MCH-5.04 CONTEMPORARY ISSUE IN COMMERCE

CO1 : Students will be able to know conceptual knowledge regarding contemporary issues.

CO2: This unit helps in acquiring knowledge concerning recent trends in banking and financial services.

CO3:This unit will enable students to gain deep insights in to e-marketing ,social networking websites and modern retailing challenges in India.

CO4: This unit will enable students to gain deep insights in to human resource issues.

Paper:-MCH-5.05 INCOME TAX

CO1: Will assist students in understanding several basic principles used in the Income Tax Act.

CO2: Make it possible for students to understand how to calculate income tax under various head.

CO3: Educate students on the deductions available under sections 80 C to 80 U.

CO4: Develop sophisticated knowledge of tax accounting, rules, and regulation as well as assess and resolve tax issues

Paper:-MCH-5.06 ENTERPRENURESHIP AND SMALL BUSINESS

CO1: Teach students how to turn an initial idea into a full-fledged business opportunity and how to successfully communicate that potential through a business plan.

CO2: Improve the student's understanding of the features and components of the internal and external business environments.

CO3: Recognize various approaches for evaluating the attractiveness of business possibilities.

CO4: Improve students' understanding of opportunity identification and selection.

SEMESTER 6TH

Paper:-MCH-6.01 Accounting for Manager

CO 1: This unit relates to the meaning of management accounting with their objectives and nature. Introduction of financial statements with their forms as well as ratio analysis aspects will also be taught.

CO2: Students will get the information about the valuation of assets and the cash flow statement with their objectives, meaning and limitations.

CO3: The concept of inflation accounting, marginal costing and cost profit volume analysis all will be discussed considering their practical practices.

CO4: This unit gives the awareness of capital budgeting and standard costing to all the students with practical portion.

Paper:-MCH-6.02 PROJECT PLANNING AND MANAGEMENT

CO1-This course are help to knowledge of Project planning , strategies, demand ,market, technical analysis.

CO2-The students will learn Project cash flow, risk analysis, social cost benefit analysis.

CO3-Sudent get the knowledge of valuation of real option, financing of project &venture capital.

CO4-They are also learnt the implementation of project management, technique & project review.

Paper:-MCH-6.03 INCOME TAX LAW AND ADMINISTRATION

CO1: Help in recognizing tax planning opportunities and recommending appropriate
Tax – saving strategies.

CO2: Provide help in addressing tax situations for a variety of taxpayers, such as wage earners, salespersons.

CO3: Enable the students to calculate the individual tax liability.

CO4: Enable the students to prepare tax forms for individual

Paper:-MCH-6.04 HUMAN RESOURCE MANAGEMENT

CO1-This course make students learn to assess the development, implementation and evaluation of employee recruitment process, and selection and retention plans.

CO2-This course will help the the students to analyze the importance of various training methods

CO3- Enable students to learn about wage concept and various incentive plan of wage and theories of wage payment.

CO4- Students gain knowledge about the concept of industrial relation and industrial disputes.

Paper:-MCH-6.05 BUSINESS ENVOIRNMENT AND INTERNATIONAL BUSINESS

CO1: Students will be able to understand and apply appropriate frameworks to Analyse Business Environment.

CO2: The Students will be able to get information about problems of Growth e.gPoverty ,Regional Imbalances ,Social Injustice etc.

CO3: Students will be able to apply the Trade theories , Investment theories , Exchange rate theories and their impact on economic welfare.

CO4: Students will be able to integrate the concept and opening economies of developing countries like India through World Bank and World trade Organisation

Paper:-MCH-6.06 RETAIL MANAGEMENT AND SALES PRODEDURES

CO1: The students will get a clear picture of what the retail sector means, and what are the different career options which they can opt for in the retail sector

CO2: The students will get a deep insight into the various forms of retailing which would enable them to make the distinction between various types of stores in real life.

CO3: This unit will provide how to manage retail operations, get a clear picture of the retail management process and the Total Performance Model.

CO4: The students will be able to get information about the various retailing strategies as well the utility of the retail planning process

Programme Outcomes (POs) for M.Com (Hons.) INTEGRATED

Students would have a good understanding in the principles of Commerce and Finance after completing the five-year Master of Commerce (Hons.) Programme, and the outcome would be

PO1: Building a strong foundation of knowledge in several areas of Commerce.

PO2: Improving the ability to apply concepts and procedures learned in Commerce.

PO3: Instilling a mindset for working effectively and efficiently in a corporate setting.

PO4: Integrating knowledge, skill, and attitude to sustain a learning and creative environment among students

PO5: Equipping graduates with the ability to make personal and professional decisions.

PO6: Enabling people to manage office tasks with the use of information.

PO7: Conduct research in their selected fields of marketing, finance, and human resources.

M.Com (Hons.) INTEGRATED Programme Specific Outcomes (PSOs)

PSO1: This programme would teach professionals for the industries, banking, and government. Sectors, Insurance Companies, Financing Companies, Transportation Agencies, Warehousing, and so on, to satisfy the demand for well-trained labour.

PSO2: Graduates will have hands-on experience in a variety of areas, including portfolio management, marketing management, sales management, and overall company administration.

PSO3: Upon completion of the programme, students should have the knowledge, abilities, and attitudes to work as a Manager, Accountant, Management Accountant, Cost Accountant, Stock Agent, or Government Employee.

PSO4: Through internship training, students will gain experience working independently and in groups. This training will increase awareness and self-confidence in general societal challenges.

COURSE OUTCOME
Name of Programme : M.A Hindi (2 Years)

सेमेस्टर-1

पेपर: आधुनिक हिन्दी कविता 16HND21C1

CO1. आधुनिक कविता की विशेषताएं समझाना ।

CO2. छायावाद के स्तम्भ प्रसाद एवं निराला की रचनाओं की जानकारी देना एवं उनकी रचनाओं के भाव को समझना तथा कुशलता पैदा करना ।

CO3. उत्तर छायावादी कवियों की रचना के माध्यम से उस समय के सामाजिक जीवन की जानकारी देना ।

CO4. आधुनिक कालीन हिन्दी कविता की विकास परम्परा की जानकारी ।

पेपर: आधुनिक गद्य साहित्य 16HND21C2

CO1. विद्यार्थियों ने गोदान में वर्णित समस्याओं का वर्तमान के संदर्भ में मूल्यांकन किया।

CO2. निर्धारित कहानियों के माध्यम से विद्यार्थियों ने समाज में व्याप्त मानसिक तनाव, स्वार्थ प्रवृत्ति, राष्ट्र प्रेम, मानव प्रेम आदि प्रवृत्तियों को जाना।

CO3. विद्यार्थियों ने "अतीत के चल चित्र" में वर्णित पात्रों की वेदनासमस्याओं, अभाव, संकटों, संघर्षों, शोषण की विभिन्न स्थितियों को जाना।

CO4. विद्यार्थियों ने "बाणभ की आत्मकथा" के माध्यम से प्रेम त्याग और समर्पण को जाना।

पेपर: हिन्दी साहित्य का इतिहास 16HND21C3

CO1. विद्यार्थियों ने आदिकालीन साहित्य के माध्यम से तत्कालीन राजनीतिक, सामाजिक, सांस्कृतिक और धार्मिक स्थिति को जाना।

CO2. विद्यार्थियों ने भक्तिकालीन साहित्य के माध्यम से भक्ति की विभिन्न धाराओं तथा सम्प्रदायों को जाना ।

CO3. विद्यार्थियों ने भक्तिकालीन साहित्य के माध्यम से विभिन्न दार्शनिक मतों को जाना।

CO4. रीतिकालीन साहित्य के माध्यम से विद्यार्थियों ने काव्य के विभिन्न अंगों को जाना।

पेपर: भाषा विज्ञान एवं हिन्दी भाषा 16HND21C4

CO1. भाषा की परिभाषा, अध्ययन क्षेत्र, भाषा की संरचना एवं अध्ययन के स्वरूप की जानकारी ।

CO2. स्वन की परिभाषा, स्वनगुण और उनकी सार्थकता तथा स्वनिम के स्वरूप की जानकारी ।

CO3. हिन्दी की व्याकरणिक कोटियों का ज्ञान करवाना ।

CO4. अर्थ बोध के साधनों का परिचय करवाना । भाषा एवं लिपि के घटकों के संबंध से अवगत करवाना एवं भाषा विज्ञान के स्वरूप को बताते हुए उसके क्षेत्र की जानकारी देना ।

पेपर: विशेष रचनाकार कबीरदास 16HND21D1

CO1. कबीर के समाज दर्शन स्वरूप को समझने के लिए ।

CO2. कबीर के व्यक्तित्व का परिचय करवाते हुए उनके साहित्य के उद्देश्य का महत्व समझना।

CO3. कबीर के निर्गुण मत का परिचय करवाते हुए निर्गुण काव्य परम्परा की विशेषताओं से अवगत करवाना ।

CO4. कबीर के मत के माध्यम से समाज में नई चेतना उदय करना ।

सेमेस्टर-1।

पेपर: आधुनिक हिन्दी कविता 16HND22C1

CO1. आधुनिक कविता की विशेषताएं समझाना ।

CO2. प्रयोगवादी कवि अज्ञेय, गजाननमाधव मुक्तिबोध एवं रघुवीर सहाय की रचनाओं की जानकारी देना एवं उनकी रचनाओं के भाव को समझना ।

CO3. प्रगतिवादी कवि नागार्जुन की कविताओं के माध्यम से उस समय के सामाजिक राजनीतिक जीवन की जानकारी देना ।

CO4. आधुनिक कालीन हिन्दी कविता की विकास परम्परा की जानकारी ।

पेपर: आधुनिक गद्य साहित्य 16HND22C2

CO1. विद्यार्थियों ने “चंद्रगुप्त” नाटक में व्याप्त राष्ट्रीय भावना को जाना।

CO2. विद्यार्थियों ने “आधे अधूरे” नाटक के माध्यम से मध्यवर्गीय परिवार में पारिवारिक वघटन से उत्पन्न समस्याओं को जाना।

CO3. “आवारा मसीहा” जीवनी के माध्यम से वदया रथियों ने शरत चंद्र के व्यक्तित्व और कृतित्व को जाना।

CO4. निर्धारित निबंधों के माध्यम से विद्यार्थियों ने मशीनीकरण के प्रभाव, भ्रष्टाचार, रिश्वतखोरी और मानव में बढ़ती पाश्चिकता को जाना।

पेपर: हिंदी साहित्य का इतिहास (आधुनिक काल) 16HND22C3

CO1. आधुनिक साहित्य का राजनीतिक, सामाजिक, सांस्कृतिक और धार्मिक सदर्भ में मूल्यांकन।

CO2. आधुनिक साहित्य के माध्यम से विद्यार्थियों ने राष्ट्रीय चेतना, सामाजिक जागरण तथा नारी की स्थिति को जाना।

CO3. हिंदी साहित्य के माध्यम से विद्यार्थियों ने मानवीय मूल्यों के अवमूलन को जाना।

CO4. विद्यार्थियों ने हिंदी साहित्य के माध्यम से लघु मानव की समस्याओं को जाना।

पेपर : भाषा विज्ञान एवं हिन्दी भाषा 16HND22C4

CO1. हिन्दी भाषा के उद्भव एवं विकास की जानकारी प्राप्त करना ।

CO2. हिन्दी भाषा की उपभाषा एवं बोलियों की जानकारी प्राप्त करना ।

CO3. बोली, भाषा, राजभाषा, राष्ट्रभाषा, संपर्क, भाषा माध्यम भाषा को समझना ।

CO4. नागरिलिपि का मानकीकरण एवं हिन्दी भाषा के प्रचार- प्रसार में प्रमुख व्यक्तियों एवं संस्थाओं के योगदान की जानकारी प्राप्त करना ।

पेपर : विशेष रचनाकार कबीरदास 16HND22D1

CO1. विद्यार्थियों को निर्गुण निराकार ईश्वर के बारे में जानकारी प्रदान की।

CO2. विद्यार्थियों ने कबीर की वाणी को वर्तमान के संदर्भ में जाना।

CO3. विद्यार्थियों को कबीर की मानवतावादी दृष्टि से परिचित कराया।

CO4. विद्यार्थियों ने कबीर की रहस्य भावना को जाना ।

पेपर : Computer Fundamentals 16CSAF1(Foundation Course)

CO1. Bridge the Fundamental Concepts of Computers with the Present level of Knowledge of the students.

CO2. Familiarize operating Systems, Programme Languages, Peripheral devices, Networking multimedia and internet.

CO3. Understand binary, hexadecimal and octal number system and their arithmetic.

CO4. Understand the applications of Computer as a social, moral and educational tool.

पेपर : Introduction to Mass Media 17JRMF1

CO1. Students will understand concept, meaning and types of Mass Media and characteristics of various types of Mass Media.

CO2. Students will get knowledge about history and evolution of Print media and how did Freedom fighters contributed in Journalism.

CO3. Students will get knowledge about origin and development of Radio and T.V. in India and various types of Radio and T.V.

CO4. Students will understand about History, development and emerging trends of Cinema and New Media in India.

पेपर : Environmental Issue 16ENVO1

CO1: This subject focuses on greenhouse gases and greenhouse effects and teaches the individuals their role in global warming and how population, industrialization and urbanization are responsible for climate change.

CO2: Describe and awareness about the role of deforestation, desertification, mining and oil exploration in degrading the environment.

CO3: Describe the various sources and harmful effects of atmospheric gases which are responsible for air pollution. Water pollution, soil pollution and solid waste cause toxicity and degradation of land.

सेमेस्टर-III

पेपर: मध्यकालीन हिंदी काव्य 17HND23C1

CO1. “पृथ्वीराज रासो” के माध्यम से विद्यार्थियों ने पृथ्वीराज चौहान के जीवन को जाना ।

CO2. “पदावली” के माध्यम से वद्या रथियों ने वद्यापति की श्रृंगारिकता और भक्ति भावना को जाना ।

CO3.कबीर की साखियों के माध्यम से विद्यार्थियों ने कबीर की रहस्य भावना, गुरु की महिमा,नारी के विभिन्न रूपों तथा निर्गुण निराकार ईश्वर की भक्ति को जाना।

CO4.कबीर की निर्गुण उपासना का वर्तमान के संदर्भ में मूल्यांकन।

पेपर: भारतीय काव्य शास्त्र 17HND23C2

CO1. विद्यार्थियों ने काव्य का अर्थ, परिभाषा, काव्य हेतु, काव्य प्रयोजन तथा की जानकारी प्राप्त की।

CO2. विद्यार्थियों ने रस सिद्धांत, रीति सिद्धांत, ध्वनि सिद्धांत, वक्रोक्ति सिद्धांत और औचित्य सिद्धांत की जानकारी प्राप्त की।

CO3. विद्यार्थियों ने आलोचना के उद्भव और विकास की जानकारी प्राप्त की।

CO4. विद्यार्थियों ने आचार्य रामचंद्र शुक्ल, नंद दुलारे वाजपेई, आचार्य हजारी प्रसाद द्विवेदी तथा डॉ रामविलास शर्मा की आलोचना दृष्टि को जाना।

पेपर: भारतीय साहित्य 17HND23C3

CO1. भारतीय साहित्य के स्वरूप से अवगत करवाना।

CO2. सामाजिक संस्कृति के विकास में भारतीय साहित्य के योगदान का ज्ञान करवाना।

CO3. नवजागरण आंदोलन के प्रभाव की जानकारी देना।

CO4. मानवीय मूल्यों के विकास में भारतीय साहित्य की भूमिका का बोध करवाना।

पेपर: नाटक और रंगमंच 17HND23DA5

CO1. हिंदी नाटक एवं रंगमंच की जानकारी देना।

CO2. हिंदी नाटक के उद्भव और विकास का ज्ञान करवाना।

CO3. नाटक में दृश्य - श्रव्य तत्वों का बोध करवाना। भारतेन्दु के 'भारत - दुर्दशा' नाटक के माध्यम से अंग्रेजों के अधीन रह रहे प्राचीन भारतवासियों की समस्या को बताना एवं समस्या को दूर करने के प्रयासों की जानकारी देना। भारतीयों का शोषण तथा अमानवीय दशा के बाह्य एवं आंतरिक कारणों का बोध करवाना।

CO4. मोहन राकेश द्वारा रचित "आषाढ का एक दिन" नाटक के माध्यम से पुरुष की अहंवादिता एवं नारी की मनःस्थिति का चित्रण करना।

पेपर: विशेष रचनाकार मुंशी प्रेमचंद 17HND23B2

CO1. विद्यार्थियों ने मुंशी प्रेमचंद के कृतित्व और व्यक्तित्व को जाना।

CO2. विद्यार्थियों ने मुंशी प्रेमचंद के साहित्य की प्रासंगिकता को जाना।

CO3. विद्यार्थियों ने मुंशी प्रेमचंद के साहित्य के माध्यम से विभिन्न सामाजिक बुराईयों को जाना।

CO4. विद्यार्थियों ने मुंशी प्रेमचंद के जीवन दर्शन को जाना।

सेमेस्टर-IV

पेपर: मध्यकालीन हिंदी काव्य 17HND24C1

CO1. विद्यार्थियों ने भ्रमरगीत परंपरा को जाना।

CO2. विद्यार्थियों ने तुलसीदास की भक्ति भावना, लोक मंगल भावना तथा समन्वय भावना को जाना।

CO3. विद्यार्थियों ने बिहारी सतसई के माध्यम से बिहारी की बहुज्ञता को जाना।

CO4. विद्यार्थियों ने विद्यापति की श्रृंगारिकता और भक्ति भावना को जाना।

पेपर: पाश्चात्य काव्य शास्त्र 17HND24C2

CO1. विद्यार्थियों ने पाश्चात्य विद्वानों के काव्य संबंधी विचारों को जाना।

CO2. विद्यार्थियों ने पाश्चात्य विद्वानों की आलोचनात्मक दृष्टि को जाना।

CO3. विद्यार्थियों ने पाश्चात्य विद्वानों द्वारा दिए गए विभिन्न वादों एवं सिद्धांतों को जाना।

CO4. विद्यार्थियों ने पाश्चात्य विद्वानों के काव्य भाषा संबंधी विचारों को जाना।

पेपर: भारतीय साहित्य 17HND24C3

CO1. भारतीय साहित्य की सैद्धांतिक अवधारणा को समझना।

CO2. भारतीय साहित्य साहित्यिक परंपरा के स्वरूप एवं एकता को दर्शाता है।

CO3. भारतीय साहित्य का भारतीय समाज के नव निर्माण में योगदान एवं यथार्थवादी मूल्यों को समझना।

CO4. मानवीय मूल्यों के विकास में भारतीय साहित्य की भूमिका का बोध करवाना।

पेपर: नाटक और रंगमंच 17HND24DA5

CO1. हिंदी नाटक एवं रंगमंच की जानकारी देना।

CO2. धर्मवीर भारती के 'अंधा युग' नाटक द्वारा समकालीन यथार्थ को अवगत कराना। 'एक कंठ विषपायी' नाटक के माध्यम से राज्यलिप्सा एवं युद्ध मनोवृत्ति के प्रभाव को अवगत कराना। 'एक सत्य हरिश्चंद्र' नाटक द्वारा समाज की पुरानी परंपराओं को नवीन संदर्भों से जोड़कर उसे नए ढंग से प्रस्तुत करना। सर्वेश्वर दयाल सक्सेना की 'बकरी' नाटक के माध्यम से राजनीतिक छल प्रपंच और स्वार्थ प्रवृत्ति के प्रति सर्वहारा वर्ग को जागृत करना।

CO3. नाटक एवं रंगमंच के अंतर्संबंध को समझना।

CO4. नाटक के माध्यम से समाज के बदलते आदर्शों से परिचित करवाना एवं यथार्थ मूल्यों के प्रति जागृत करना।

पेपर: विशेष रचनाकार प्रेमचंद 17HND24DB2

CO1. प्रेमचंद के जीवन एवं साहित्य की जानकारी।

CO2 प्रेमचंद पूर्व एवं प्रेमचंदयुगीन परिस्थितियों से अवगत कराना।

CO3. प्रेमचंद की रचनाओं के माध्यम से साहित्य में प्रेमचंद के विशेष स्थान को चिन्हित करना।

CO4. प्रेमचंद की प्रमुख रचनाओं के माध्यम से स्त्री जाति एवं कृषक वर्ग की यथार्थ स्थिति को समझना।

Programme Outcomes

PO1. विद्यार्थी साहित्य के माध्यम से ज्ञानार्जन करते हैं एवं अवबोध स्तर एवं चिंतन स्तर का विकास करते हैं।

PO2. विद्यार्थी इस पाठ्यक्रम के माध्यम से भाषा में निपुणता प्राप्त करते हैं।

PO3. पाठ्यक्रम के माध्यम से विद्यार्थियों में मनोबल बढ़ता है जिससे वह समाज में अपनी विशिष्ट भूमिका स्थापित कर सकेंगे।

PO4. विद्यार्थी साहित्य के माध्यम से मानवीय मूल्यों से अवगत होते हैं तथा परिस्थितियों को यथार्थ रूप में समझ कर जीवन के प्रति नवीन दृष्टिकोण कुशल रूप से स्थापित करने में सक्षम होते हैं।

Programme Specific Outcomes: -

PSO1. आधुनिक काल में रचित हिंदी कविता की विशेषताओं को महत्वपूर्ण कवियों और कविताओं द्वारा समझना।

PSO2. आधुनिक काल में रचित विविध गद्य विधाओं के माध्यम से तत्कालीन रचनाओं का अध्ययन एवं साहित्य और समाज के संबंध का विश्लेषण कर विस्तार पूर्वक जानना।

PSO3. 1050 ईसवी से आधुनिक काल तक रचित साहित्य इतिहास की विस्तृत जानकारी।

- PSO4. भाषा की परिभाषा और प्रवृत्ति संरचना ,स्वन विज्ञान, व्याकरणिक कोटियां और अर्थ की अवधारणा की जानकारी देना।
- PSO5. संत काव्य धारा के प्रतिनिधि कवि कबीर के निर्गुण साहित्य की विशेषताओं को जानना एवं उनके मत से परिचित करवाना ।
- PSO6. भक्ति रस एवं वात्सल्य रस के अद्भुत चित्तेरे तुलसी, बिहारी एवं सूरदास को काव्य के माध्यम से समझना ।
- PSO7. आदर्शवाद एवं यथार्थवाद के स्तंभ प्रेमचंद साहित्य को समझना।