**Course Outcomes (CO)**

**Subject: Botany**

**Under Multiple Entry-Exit, Internship and CBCS-LOCF in accordance to NEP-2020 w.e.f. 2023-24**

**SEMESTER-1**

**Course: CC-1**

**Paper code: B23-BOT-101**

**Nomenclature of Paper: Diversity of Microbes, Algae, Fungi and Archegoniates**

After completing this course, the learner will be able to:

1. Students will be able to understand the general characteristics of bacteria, actinobacteria, viruses and fungi.

2: Students will develop a conceptual understanding of Phycology.

3: Students will gain knowledge on the concepts of Bryology.

4: Basic understanding of the biology of pteridophytes will be developed by the students.

5\*. Students will gain the knowledge of practical aspects of microorganisms, algae, fungi, lichens, bryophytes, and pteridophytes.

**Course: MDC-1**

**Paper code: B23-BOT-104**

**Nomenclature of Paper: Fundamentals of Botany**

After completing this course, the learner will be able to:

1: Students will gain a foundational understanding of the biology of microorganisms, algae, fungi and lichens.

2: Students will develop a conceptual understanding of bryophytes and pteridophytes.

3: Students will acquire knowledge about the fundamental characteristics of gymnosperms and the challenges related to their propagation.

4: Students will acquire a basic understanding of angiosperm morphology.

5\*. Students will be able to learn the practical aspects of microorganisms, algae, fungi and students will be able to identify the major groups of plants and compare the characteristics of higher plants(angiosperms and gymnosperms)and lower plants (bryophytes and pteridophytes).

**SEMESTER-II**

**Course: CC-2**

**Paper code: B23-BOT-201**

**Nomenclature of Paper: Plant Taxonomy and Ecology**

After completing this course, the learner will be able to:

1. Students will gain knowledge about taxonomy, including the rules of nomenclature and other essential aspects.

2: Students will acquire a conceptual understanding of angiosperm classification systems and the diversity of families within them.

3. Students will gain knowledge about Ecology and Environmental interactions.

4: Students will acquire a conceptual understanding of ecosystem structure, environmental pollution and biodiversity conservation.

5\*. Students will gain the knowledge about the diagnostic features, morphology, internal structure, economic value of angiosperms and ecological concepts and biodiversity indices.

**Course: MDC-2**

**Paper code: B23-BOT-204**

**Nomenclature of Paper: Economic Botany**

After completing this course, the learner will be able to:

1. Students will gain a foundational understanding of the origins of significant cultivated plants.

2: Students will develop a conceptual understanding of important plants that yield vegetables, fiber, and oil.

3: Students will acquire knowledge about the cultivation techniques of essential plants.

4: Students will gain a conceptual understanding of the processing methods applied to economically significant plants.

5\*. Students will be able to gain the knowledge of economic values of cereals, legumes, spices, oil & fibre yielding plants.

**SEMESTER-III**

**Course: CC-3**

**Paper code: B23-BOT-301**

**Nomenclature of Paper: Plant Physiology**

After completing this course, the learner will be able to:

1. Students will acquire an understanding of various physiological process in plants.

2: Students will develop a comprehensive knowledge of plant hormones.

3: Students will learn about photomorphogenesis and its significance.

4: Students will gain a conceptual understanding of plant growth and senescence, including the natural aging process of plants.

5\*. Students will be able to demonstrate practical aspects and learn the basic concepts of various physiological and biochemical process of plant

**Course: MDC-3**

**Paper code: B23-BOT-304**

**Nomenclature of Paper: Ornamental Plants and Propagation**

After completing this course, the learner will be able to:

1. Students will acquire an understanding of the history of gardens in India and other countries.

2: Students will develop comprehensive knowledge about different groups of plants used as ornamentals.

3: Students will learn about flower and seed production.

4: Students will gain a deep understanding of vegetative propagation methods for ornamental plants.

5\*. Students will be able to learn various types of gardens & their significance, management, and methods of propagation of valuable plants.

**SEMESTER-IV**

**Course: CC-4**

**Paper code: B23-BOT-401**

**Nomenclature of Paper: Cytology and Genetics**

After completing this course, the learner will be able to:

1. Students will understand the fundamental characteristics of cells.

2: Students will acquire comprehensive knowledge about cell division and the central dogma of molecular biology.

3: Students will learn about the principles of inheritance in biology.

4: Students will develop a thorough understanding of mutations, chromosomal aberrations, and the concept of linkage.

5\*. Students will be able to understand the basic principles of laws of inheritance, stains & staining techniques, cell division processes, chromosome mapping, and chromosomal aberration.

**Course Outcomes: Zoology**

**B.Sc. (Life Science) Ist Year**

**Semester I: Animal Diversity of Non-Chordates**

1. Student will be able to describe unique characters and recognize life forms of phylum Protozoa and Porifera.
2. Student will be able to describe unique characters and recognize life forms of phylum Coelenterata and Helminthes.
3. Student will be able to describe unique characters and recognize life forms of phylum Annelida and Arthropoda.
4. Student will be able to describe unique characters and recognize life forms of phylum Mollusca, Echinodermata and Hemichordates.
5. Students will be capable of identifying the characters and classification of Non-Chordates.

**Semester II: Animal Diversity of Chordates**

1. Student will be able to describe unique characters and recognize life functions of Urochordates.
2. Student will be able to describe unique characters and recognize life functions of Pisces.
3. Student will be able to describe unique characters and recognize life functions of Amphibians & Reptiles.
4. Student will be able to describe unique characters and recognize life functions of Birds & Mammals.
5. Students will be capable of identifying the characters and classification of Chordates.

**B.Sc. (Medical) IInd Year**

**Semester III: Cell Biology and Animal Genetics**

1. Students will understand the nature and basic concept of cell biology and genetics.

2. Students will be able to apply the knowledge of internal structure of cell and their role in many metabolic function of organism.

3. Students will have acquaintance with the basic causes associated with inborn errors and other genetic disorder and will be able to give counseling to general people.

4. Students will be able to explain the concept of gene interactions, Sex linked inheritance and their role in medical sciences.

5. Students will be able to conduct the morphomatric analysis of chromosomes and demonstrate cell division.

**Semester IV: Biomolecules and Mammalian Physiology**

1. Students will be able to understand and explain the mechanism that works to keep the human body functioning.

2. Students will be able to explain the interaction and interdependence of physiological and biochemical processes.

3. It will make the students understand the appropriate functioning of each body system in animals and mechanism of working.

4. Students will be able to explain the mechanism of action of hormones and related molecules involved in various physiological processes.

5. Students will be able to understand and perform biological and analytical techniques in labs to explain biological activities.

**B.Sc. (Medical) IIIrd Year**

**Semester V**

**Paper I:** Environmental biology

It exposes the students in understanding the environment around them. Information provided will give an insight about the ecosystem, its services and its efficient management.

**Paper II:** Evolution and developmental biology

It aims to provide the students basic insights about the origin and progression of life on earth. It helps students to understand the evolution of horse and man specifically.

**Semester VI**

**Paper I:** Aquaculture and pest management-I

This will help to generate knowledge about the world fisheries and fishes of India. It imparts current and comprehensive information on the life cycle, nature of damage and control of pests of sugarcane, cotton, wheat, paddy and vegetables and thereby mitigating the economic and health damage caused by these pests.

**Paper II:** Aquaculture and pest management-II

The study of aquaculture and pest management would help in developing skilled personnel required for the aquaculture. This paper also helps to apprize the students about the stored grain pests and their efficient management with the help of biological and chemical agents.

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| **Class: BBA 1st year Semester: 1st Semester**  **Subject: Financial Accounting Paper: B23-BBA-101** | |
| **Sr. No.** | **Course Outcome** |
| 1. | Understand the accounting equations and the rules of  recording accounting transactions. |
| 2. | Understand the recording of accounting transactions  in the books of entry and the preparation of ledger  accounts |
| 3. | Understand the preparation of trial balance and  reconciliation of accounting statements. |
| 4. | Analyse accounting transactions by preparing final  accounts of statements for the profit and non-profit  business entities. |

**Course Outcome BBA**

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| **Class: BBA 2nd year Semester: 3rd Semester**  **Subject: Managerial Accounting Paper: B23-BBA-301** | |
| **Sr. No.** | **Course Outcome** |
| 1. | Understand the fundamentals of management/managerial accounting and effective decision making through management accounting. |
| 2. | Understand the application of marginal costing and break-even analysis for decision making in business. |
| 3. | Learn budgeting process and types of budgets for effective planning. |
| 4. | Learn decision making through financial analysis and management control systems. |
| 5. | To know the importance of ratio analysis in managerial accounting. |

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| **Class: BBA 2nd year Semester: 3rd Semester**  **Subject: Production Management Paper: B23-BBA-304** | |
| **Sr. No.** | **Course Outcome** |
| 1. | Understand the nature and importance of production management and decision making in production function. |
| 2. | Obtain an understanding of production planning and control practice in organizations and various methods of production. |
| 3. | Understand inventory management techniques, store management and its functions. |
| 4. | Gain an in-depth knowledge of ISO certification and Statistical Quality Control in Production. |

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| **Class: BBA 3rd year Semester: 5th Semester**  **Subject: Business Law-I Paper: BBA-301** | |
| **Sr. No.** | **Course Outcome** |
| 1 | Complete understanding of The Indian Contract Act, 1872. |
| 2 | Knowledge of major provisions of the act relating to Contracts, Indemnity and Guarantee, Pledge & Bailment and Agency. |
| 3 | Understanding of Indian Sales of Goods Act, 1930, legal aspects relating to formation of contract of sales and their classification. |
| 4 | Different aspects related to Sales of Goods Act such as Price, conditions and warranties, etc. |
| 5 | Understanding of procedure of transfer of property in goods. |
| 6 | Measuring performance of the contract of sales, unpaid seller and his rights. |
| 7 | Negotiables Instruments Act 1981, Importance and Implication. |
| 8 | Learn about different type of Negotiable Instruments such as drafts and cheques. |

**COURSE OUTCOMES BCA**

**Paper: Fundamental of Computer Science Class :- BCA Ist Sem**

**Course Outcomes**: The course will enable students to;

1. Understand Fundamental concepts of Computer

2. Basic knowledge of peripheral devices

3. Understand fundamental operating system

4. Learn types of operating systems, Scheduling

5. Learn Process Synchronization, Deadlock Prevention, and Avoidance

**Paper: Problem Solving Through C Class :- BCA Ist Sem**

**Course Outcomes**: The course will enable students to;

1. Learn the basics of C program, data types and input/output statements.

2. Understand different types of operators, their hierarchies and also control statements of C.

3. Implement programs using arrays and strings.

4. Get familiar with advanced concepts like structures,

union etc. in C language.

5. To implement the programs based on various concepts of C.

**Paper: - Logical Organization of Computers Class: - BCA 1st Sem**

**Course Outcomes:**

1. Understand number systems, error detecting correcting code and representations of numbers in a computer system.
2. Understand computer arithmetic and Boolean algebra and simplification of Boolean expressions.
3. Understand working of logic gates and design various combinational circuits using these logic gates.
4. Understand working of different types of flip-flops and design different types of registers.

**Paper: - Web Designing Class: - BCA Vth Sem**

**Course Outcomes:**

1. Learn how to design and develop a Web page using HTML and CSS.

2. Learn how to link pages so that they create a Web site.

3. Design and develop a web site using text, images, links, lists, and tables

4. Basic concepts of Internet, web communication, ISP, Domian names etc.

**Paper: - Operating Systems - I Class: - BCA Vth Sem**

**Course Outcomes:** After completing this course, the learner will be able to:

1. Understand the basic concepts of operating systems and their services along with process management.

2. Understand the concept of process scheduling and acquire knowledge of process synchronization.

3.Learn about memory management and virtual memory concepts.

4. Learn to work with directory structure and security aspects.

  5. To implement the programs based on the operating system.

**Paper: - Multimedia Tools Class: - BCA 5th Sem**

**Course Outcomes:**

The aim of this course is to list out appropriate hardware, software and different applications of multimedia, evaluate the appropriate multimedia systems and develop effective multimedia applications. At the end of this course, the student will be able to:

1. Learn multimedia applications, tools and products.
2. Understand multimedia building blocks and compression techniques.
3. acquire knowledge of internet role in multimedia
4. identify the future prospectus of multimedia.

**Paper: Artificial Intelligence Class :- BCA 5th Sem**

**Course Outcomes**: The course will enable students to;

1. Learn the basics of Artificial Intelligence.

2. Understand different types of expert systems and their working.

3. Understand Searching Techniques in Artificial Intelligence.

4. Understand the concepts of Natural Language Processing and Robotics.

**Paper: - Advanced Programming with Visual Basic (BCA-365) Class: - BCA 5th Sem**

**Course Outcomes:**

1. Design and implement advanced user interfaces using Windows Forms.

2. Apply object-oriented programming concepts in Visual Basic, including inheritance, polymorphism, and encapsulation.

3. Develop database-driven applications using ADO.NET and SQL Server.

4. Implement error handling and debugging techniques in Visual Basic applications.

5. Create and consume web services using Visual Basic.

6. Utilize advanced controls and custom controls in Windows Form applications.

7. Implement multithreading and asynchronous programming techniques.

8. Develop applications that interact with external hardware and software components.

**Paper: - Computer Networks Class: - BCA Vth Sem**

**Course Outcomes:**

1. **Understand Networking Fundamentals**: Demonstrate knowledge of basic networking concepts, including network topologies, protocols, and models (such as OSI and TCP/IP).
2. **Design and Analyze Networks**: Ability to design and analyze network architectures and configurations, including LANs, WANs, and wireless networks.
3. **Implement Network Solutions**: Skill in configuring and deploying network devices such as routers, switches, and access points, and understanding their roles in a network.
4. **Troubleshoot Network Issues**: Proficiency in diagnosing and resolving network problems using diagnostic tools and techniques.
5. **Understand Security Principles**: Knowledge of network security principles and practices, including common threats, vulnerabilities, and mitigation strategies.

**Paper: - Database Class: - BCA 3rd Sem**

**Course Outcomes:**

1. Basics Concepts of Database, DBMS & its Components

2. Role of DBA, Database components and its users’ types

3. Concept of SQL its Types and Quarries with concept of Normalizations and its types

4. Concepts of Relational algebra

**Paper: - Linux and Shell Programming Class: - BCA 3RD Sem**

**Course Outcomes:**

After completing this course, the learner will be able to:

1. Understand Linux architecture.

2. Use various Linux commands that are used to manipulate system operations.

3. Acquire knowledge of Linux File System.

4. Understand and make effective use of I/O and shell scripting language to solve problems.

5. To implement the programs based on various shell

commands and programs in Linux.

**Paper: Java OOP Foundations Class: - BCA- 3rd Sem**

**Course Outcomes:**

After completing this course, the learner will be able to:

1. Implement simple java programs.

2. Implement multiple inheritance using Interfaces

3. Implement Exception Handling and File Handling.

4. Use AWT to design GUI applications.

5. Develop the project using java.

**Paper: Programming Using Python Class: - BCA(AI)**

**Course Outcomes:** After completing this course, the learner will be able to:

1. Understand the basic syntax and structure of Python programming.

2. Develop problem-solving skills using programming techniques.

3. Gain proficiency in writing, testing, and debugging Python programs.

4. Learn to work with data structures, modules, and libraries in Python.

5. Apply Python programming to real-world scenarios and projects.

**M.A. English - Semester 1**

Name of the Course: Literature in English: 1550-1660 (Part-I)

Course Code: M24-ENG-101 Course Type: CC-1

Paper I

Course Outcomes:

Upon successful completion of this course, students will be able to:

1. The students will be able to understand European as well as English Renaissance.

2. They will learn about the origin of English drama.

3. They will understand the different styles of poetry written during the Elizabethan age.

4. They will examine the history of English literature from the Medieval age to the Elizabethan age.

M.A. English - Semester 1

Name of the Course: Literature in English: 1660-1798 (Part-I)

Course Code: M24-ENG-102

Course Type: CC-2

Paper II

Course Outcomes:

Upon successful completion of this course, students will be able to:

1. The students will critically analyse the texts and their relation with historical, social, and political contexts.

2. They will be able to interpret the variety of satires.

3. They will grasp the manners of the aristocratic class of England.

4. They will examine the nuances of Restoration drama.

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M.A. English - Semester 1

Name of the Course: Literature in English: 1798-1914 (Part-I)

Course Code: M24-ENG-103

Course Type: CC-3

Paper III

Course Outcomes:

Upon successful completion of this course, students will be able to:

- Know the process of beginning and growth of English Romanticism.

- Distinguish between neoclassical poetry and romantic poetry.

- Understand Victorian novels.

- Examine the social, political, religious, and scientific temper of the Victorian era.

M.A. English - Semester 1

Name of the Course: Literature in English: 1914-2000 (Part-I)

Course Code: M24-ENG-104

Course Type: CC-4

Paper IV

Course Outcomes:

Upon successful completion of this course, students will be able to:

1. The students will be able to know the meaning and scope of the concepts of the modern, modernity, and modernism.

2. They will be able to acquaint themselves with the great tradition of modern European drama.

3. They will be able to reflect upon the great upheaval that the world has undergone during the twentieth century.

4. They will be able to interpret representative writings from the twentieth and twenty-first centuries.

M.A. English - Semester 1

Paper V: Study of a Genre: Fiction (Part-I) Course Code: M24-ENG-105

Course Type: DEC-1 Paper V

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. Critically evaluate different types of fiction.

2. Analyse fiction using appropriate theoretical approaches.

3. Compare English novels of one age with that of another.

4. Understand the rise of the American novel.

M.A. English - Semester 1

Name of the Course: Seminar

Course Code: M24-ENG-108 Course Type: Seminar

Course Learning Outcome:

After completing this course, the learner will be able to:

To enhance the communication skill of students to express the subject effectively during academic and professional discourse and to improve their ability to comprehend and integrate academic text.

M.A. English - Semester 3

Name of the Course: Critical Theory – I Course Code: MENL-531

Paper XI

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

- Facilitate basic knowledge in English critical tradition from the beginnings to the Modernists.

- Identify major critical theories and theorists.

- Define and apply specific theoretical concepts to literary texts.

- Evaluate and analyse strengths and limitations of critical/theoretical arguments.

- Examine historical contexts for the development of contemporary theory and criticism.

- Ingrain the mind towards creative writing, appreciation, critical thinking and critical analysis.

- Provide an insight of practical criticism.

M.A. English - Semester 3

Name of the Course: American Literature (Part-1) Course Code: MENL-532

Paper XII

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. The students will be able to explore American Literature, Culture, and the Renaissance.

2. They will be able to evaluate the changes in American Literature.

3. They will be able to analyse literary works of eminent American poets and novelists.

4. They will be familiarised with the trends and movement in American Literature.

M.A. English - Semester 3

Name of the Course: Indian Writing in English Course Code: MENL-533

Paper XIII

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. Basic understanding of nuances of English language in writing of Indian literature; Bhartiya brand of English or Toasted English; linguistic differences between British English and Indian English.

2. Basic knowledge of cultural pattern of life by reading texts like the Geeta, Mahabharata, Ramayana, Upanishad, etc., which form a fundamental background to the literature about Indian life.

3. Understanding of various aspects of Indian poetry, novel, and other literary works; estimating the originality of Indian writing in English and the fusion of the East and the West.

4. Basic understanding of major literary works of Jamal Was, Jayant Mahapatra, Sri Aurobindo, Rajat Rai, Mulk Raj Anand, Anita Desai, Arun Joshi, etc.

M.A. English - Semester 3 Name of the Course: English Language (Part-1)

Course Code: MENL-534

Paper XII

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. Hone the four skills in learning the English language i.e., listening, speaking, reading, and writing.

2. Learn the correct pronunciation, accent, and intonation of English words and sentences by studying phonetic transcription.

3. Become proficient in oral and written communication.

4. Have a thorough understanding and knowledge of the English language by studying speech mechanisms, formation of word structures, and the history of the English language.

5. Improve their writing skills by learning translation from a foreign language i.e., English to a native language i.e., Hindi.

M.A. English - Semester 3

Name of the Course: Literature & Gender

Course Code: MENL-535

Paper XV

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. The students will learn configuration and reconfiguration that determine gendered classification such as masculinity and femininity.

2. They will interpret texts with attention to ambiguity, complexity, aesthetic value, gender identity, and gendered representation as central categories of analysis.

3. They will try to remove gender discrimination in various forms existing in our society.

4. Gender and Literature is understood by students coming from different strata as gender justice is needed everywhere.

B.A. English Honours - Semester 1

Name of the Course: Introduction to Short-Story and Basic Grammar

Course Code: B23-ENG-101

Course Type: CC-I, MCC-I

Paper I

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. The students will comprehend different forms and techniques of short fiction.

2. The students will be able to understand tenses.

3. The students will understand parts of speech, Voice and Narration.

4. The students will progress to understand basics of grammar.

B.A. English Honours - Semester 1

Name of the Course: British Poetry and Drama: 14th to 17th Century

Course Code: B23-ENG-102

Course Type: MCC -II

Paper II

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1 The students will be introduced to the great English poet

2 The students will be able to understand the impact of Renaissance on literature.

3 The students will be acquainted with the Shakespearean tragedy.

4.The students will be able to understand and appreciate Romantic Comedy.

B.A. English Honours - Semester 3

Name of the Course: Introduction to Poetry and Phonetics

Course Code: B23-ENG-301

Course Type: CC-3/MCC-4

Paper I

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1 The students will be able to understand various components of poetry

2 Perusal of poetry will enrich their knowledge of sub-genres of poetry

3 The students will understand speech sounds in English language

4 The students will be able to write phonemic transcription and word stress

B.A. English Honours - Semester 3

Name of the Course: British Poetry and Drama: 17th and 18th Centuries

Course Code: B23-ENG-302

Course Type: MCC-5

Paper II

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. learn about the various aspects of satire.

2. They will be familiarised with the decline of British drama in 17th century.

3. They will understand the background of Christianity.

4. They will be familiarised with the first British woman writer.

B.A. English Honours - Semester 5

Name of the Course: Modern British Literature

Course Code: EHH-XI

Paper XI

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1. Develop critical and creative thinking skills by examining texts analytically, historically, and from multiple points of view.

2. Demonstrate a clear understanding of primary literary texts of British writings and familiarity with the culture, genre, and place in literary history from whence they come.

3. Understand the literary traditions of Britain.

4. Identify the major theoretical schools and apply those approaches to a variety of texts.

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B.A. English Honours - Semester 5

Name of the Course: Indian Writing in English

Course Code: EHH-XII

Paper XII

Course Learning Outcome:

Upon successful completion of this course, students will be able to:

1.To expose students to the artistic and innovative use of language employed by the Indian writers.

2.To enhance literary and linguistic competence of students.

3. To instil values and develop human concern in students.

4. To create Literary sensibility and emotional response to the Literary texts and implant sense of

appreciation of Literary texts.

5. It also offers a detail study of the history of Indian writing literature, and the themes and

techniques of the Indian novel in English.

B.A. English Honours - Semester 5 Name of the Course: Modern World Literature-I

Course Code: EHH-XIII

Paper XIII

Course Learning Outcome:

Upon successful completion of this course, students will have the knowledge of

• Literatures of non – European nations.

• The issues, styles, concerns and techniques specific to region, nation and culture.

• Features of postmodern and post-colonial literature.

• Colonisation and post-colonization literature.

• In- depth knowledge of modern world culture through literature.

• Definition and introduction of the background of war poetry.

B.A. English - Semester 1

Name of the Course: Introduction to Short Story and Basic Grammar

Course code: B-23 ENG-101 Course type: CC-I, MCC-I

Paper: Major

Course Learning Outcome:

Upon successful completion of this course, students will:

1. The students will comprehend different forms and techniques of short fiction.

2. The students will be able to understand tenses.

3. The students will understand parts of speech, Voice and Narration.

4. The students will progress to understand basics of grammar.

B.A. English - Semester 1

Name of the Course: Literature And Language (Part-I)

Course Code: B23-ENG-103 Course Type: CC/M-1

Paper: Minor

Course Learning Outcome:

Upon successful completion of this course, students will:

1: The students will be able to understand various hues of prose writing.

2: They will be able to understand different kinds of poetry.

3: students will be able to understand basics of English Grammar.

4: Students will be able to understand antonyms and synonyms in English.

B.A. English - Semester 1

Name of the Course: English Language and Communication Skills: Level 1

Course Code: B23-AEC-1

Course Type: AEC-1

Paper: AEC

Course Learning Outcome:

Upon successful completion of this course, students will:

1. The students will learn various types of verbal and non-verbal communication.

2. They will understand the importance of interpersonal communication on workplaces and different ways of behaviour and communication.

3. They will comprehend the importance of listening skills and its types.

4. They will be introduced to parts of speech and their role in language learning.

B.A. English - Semester 3

Name of the Course: English Language and Communication Skills: Level 3

Course Code: B23-AEC-311

Course Type: AEC-3

Paper: AEC

Course Learning Outcome:

Upon successful completion of this course, students will:

1. The students will understand the importance of close reading and comprehension

2. They will learn the practical use of interview and presentation skills.

3. They will enhance their vocabulary for better communication.

4. They will be introduced to the correct use of articles and other parts of speech.

B.A. English - Semester 3

Name of the Course: Introduction to Poetry and Phonetics

Course Code: B23-ENG-301 Course Type: CC-3/MCC-4

Paper: Major

Course Learning Outcome:

Upon successful completion of this course, students will:

1 The students will be able to understand various components of poetry

2 Perusal of poetry will enrich their knowledge of sub-genres of poetry

3 The students will understand speech sounds in English language

4 The students will be able to write phonemic transcription and word stress

B.A. English - Semester 5

Course Learning Outcome:

Upon successful completion of this course, students will:

1 Develop the ability to comprehend and make use of grammatical skills at a wider level.

2 Understand how to interpret and critically examine a literary text especially from the genre of Novel.

3 Analyse the contemporaneity of Raja Rao’s Kanthapura and apply them to understand practical contexts.

4 Write memos, RTIs, formal letters in order to develop better communication skills.

5 Prime Stress and Intonation and Enhance their vocabulary based on their practice of one-word substitution exercises.

6 Demonstrate their communicative skills in interviews, group discussions, Paragraphs, Transitional Words , Simple, Compound and Complex sentences etc.

**Course Outcomes (CO) Environmental Science**

Under Multiple Entry-Exit, Internship and CBCS-LOCF in accordance to NEP-2020 w.e.f. 2023-24

SEMESTER-1

Course: CC-M1

Paper code: B23-EVS-103

Nomenclature of Paper: Environment and Social Issues

After completing this course, the learner will be able to:

1. To develop a multi-perspective analysis of pre-historic environment to the present condition.

2. Understand the issues of resource inequality, ecological degradation, environmental pollution.

3. Understand the impact of industrialization and technology on environment.

4. Able to find the solutions for the various environmental issues through case studies.

5\*.To critically relate the social issues arising from the human development and its impact on environment and to suggest possible solutions.

SEMESTER-II

Course: CC-M2

Paper code: B23-EVS-203

Nomenclature of Paper: Climate Change

After completing this course, the learner will be able to:

1. Learn about the origin, composition and structure of the atmosphere and about Earth’s energy balance.

2. Understand the concept of changing climate, sources, and trends.

3. Learn about various impacts of climate change on the environment.

4. Gain knowledge on mitigation strategies adopted worldwide.

5\*.To develop research aptitude in climate change research.

SEMESTER-III

Course: CC-3

Paper code: B23-EVS-301

Nomenclature of Paper: Introduction to Biodiversity

After completing this course, the learner will be able to:

1. Become aware about biodiversity, types of biodiversity, Concept of speciation.

2. Acquire knowledge about levels of biodiversity, Concept of Hotspot of Biodiversity

3. Gain knowledge about biodiversity uses, services and threats to biodiversity

4. Become familiar with the various biodiversity conservation strategies and approaches.

5\*.Acquire practical knowledge about the biodiversity of various ecosystems and at various levels

SEMESTER-IV

Course: CC-4

Paper code: B23-EVS-401

Nomenclature of Paper: Environmental Pollution and Management

After completing this course, the learner will be able to:

1. Gain knowledge on the types and classification of air and noise pollution.

2. Link causes and effect of water and soil pollution on environment and human health.

3. Identify various control measures of pollution.

4. Link various biological measures to control pollution and the existing challenges to solve pollution mitigation strategies.

5\*.To analyze physiochemical properties of waste water and contaminated soil.

* **हिंदी का व्यावहारिक व्याकरण प्रथम सत्र (Minor)**

***CourseCode :B23-HIN-103***

***पाठ्यक्रम उद्देश्य***

*1.हिंदी व्याकरण की जानकारी*

*2.हिंदी लेखन के विविध पहलूओं की जानकारी*

*3.विराम चिह्न और वर्तनी के व्यावहारिक उपयोग का बोध*

*4.कैपिटलाइजेशन का व्यापक ज्ञान*

* ***हिंदी भाषा एवं आधुनिक कविता प्रथम सत्र(Major)***

***Course Code :B23-HIN-101***

***पाठ्यक्रम उद्देश्य***

*1.भाषाओं के विभिन्न रूपों और तकनीकों की जानकारी*

*2.हिंदी पद्य के बोध से परिचय*

*3.साहित्यिक कवियों की जानकारी*

*4.महत्वपूर्ण और वस्तुनिष्ठ प्रश्नों का विस्तृत ज्ञान*

* ***एन०ई०पी०-2020***

***पाठ्यक्रम उद्देश्य***

***बी० ए० प्रथम वर्ष (1-sem) -AEC***

*1- आधुनिकता के दौर में हिन्दी का महत्व।*

*2- हिन्दी की संवैधानिक स्थिति।*

*3- हिन्दी का शब्द-भण्डार (वाणिज्य, विज्ञान, विधि के विशेष सन्दर्भ में)*

*4- वास्तविक दुनिया की स्थितियों में हिन्दी को प्रभावी ढंग से लागू करने के लिए व्यावहारिक कौशल और तकनीकी विशेषज्ञता विकसित करना।*

*5-आधुनिकता के इस दौर में विद्यार्थियों में हिन्दी के विभिन्न संदर्भों में मौखिक और लिखित दोनों तरह से प्रभावी ढंग से संवाद करने के कौशल को विकसित करना।*

* ***पाठ्यक्रम की शब्दावली: हिंदी भाषा एवं संप्रेषण :लेखन संप्रेषण***

***तृतीय सत्र***

***AEC***

*1.संप्रेषण के प्रकार एवं स्वरूप का बोध*

*2.कार्यालयीन हिंदी का ज्ञान*

*3.मीडिया लेखन संबंधी सैद्धान्तिकी से परिचय*

*4. साहित्य एवं अनुवाद के संबंध का बोध*

*5. अनुवाद की वैश्विक महत्ता का परिचय*

* ***पाठ्यक्रम की शब्दावली :आधुनिक गद्य साहित्य***

***तृतीय सत्र***

***Major***

*1.विभिन्न कहानीकारों के कहानी शिल्प से परिचय*

*2. निबंध की संरचनात्मकता का बोध*

*3. कहानी एवं निबंध में विभेद की जानकारी*

*4. साहित्य के स्वर्णकाल से परिचय*

*5.भक्तिकालीन परिवेश एवं विभिन्न धाराओं का विस्तृत ज्ञान*

* ***स्नातक तृतीय वर्ष(ऐच्छिक)***

***पाठ्यक्रम उद्देश्य***

*1- विद्यार्थियों को गद्यात्मक एवं पद्यात्मक विषय का गहन अध्ययन करवाना।*

*2- हिन्दी साहित्य की गद्य-विधाएँ की विस्तृत जानकारी।*

*3- काव्य गुण-दोष का बोध।*

*4- हिन्दी साहित्य की अवधारणा एवं महत्व।*

* ***स्नातक तृतीय (अनिवार्य) पंचम सत्र***

***पाठ्यक्रम उद्देश्य***

*1- विद्यार्थियों को पद्यात्मक विषय का गहन अध्ययन करवाना।*

*2- हिन्दी साहित्य के प्रबुद्ध कवियों की विस्तृत जानकारी।*

***3- प्रयोजनमूलक हिंदी का बोध***

*4- हिन्दी साहित्य के आधुनिक काल (भारतेंदु, द्विवेदी, छायावाद, प्रगतिवाद, प्रयोगवाद, नई कविता,समकालीन कविता की प्रवृत्तियों) पर विस्तार से जानकारी*

**Course Outcome: Music**

Name of course- Musicology -Major

Code-B23-BMV-101

1. The students will be able to describe the Various Ragas of North Indian classical music.

2. The students will be able to describe the various Talas of North Indian classical Music.

3. The students will be able to define the terminologies of Indian classical music.

4. The students will be able to explain the rich history of Indian music and the contribution of renowned musician.

5. The students will be able to perform the various ragas and taalas

General History and basic terms of Indian Music.

B23-BMV-103

After completing this course, the learner will be able to:

1. The students will be able to describe the Various Ragas of North Indian classical music .

2. The students will be able to describe the various Talas of North Indian classical Music.

3. The students will be able to illustrate the historical trends of Indian classical music.

4. The students will be able to describe the various theoretical aspects of Indian classical music.

5. The students will be able to perform the various ragas and talas

Second sem.

Historical study of musical terms-Major

Code-B23-BMV-201 After completing this course, the learner will be able to:

1. The students will be able to describe the Various Ragas of North Indian classical music .

2. The students will be able to describe the various Talas of North Indian classical Music.

3. The students will be able to define the terminologies of Indian classical music.

4. The students will be able to explain the rich history of Indian music and contribution renowned musician.

**Course Outcome: BBA**

Class: BBA-V SEMESTER Semester: Odd

Subject: EXPORT PROCEDURES AND DOCUMENTATION(BBA-305) Paper (UG)

S.No. Course Outcomes

After completion of course students will be able to:

1. Communicate effectively using basic international business vocabulary with specific emphasis on terms associated with international trade and import / export operations.

2. Select between common modes of export in order to fit the business needs of exporting organizations.

3. Identify factors that indicate strong potential export markets in order to define market selection models or drive market selection systems.

4. Identify major governmental and non-governmental sources of information and import/export assistance and apply that knowledge through development of marketing plans tied to global business activity and country-specific business conditions.

5. Identify sources of information on export restrictions and documentation associated with foreign shipping in order to facilitate export compliance for the exporting organization.

6. Identify major product decisions that are necessary for export markets in order to facilitate product adaptation to the markets in question.

7. Communicate effectively using basic international business with specific emphasis on terms associated with international trade and import / export operations.

8. Outline, relate and classify the impact of EXIM policy on International trade

9. To discover and demonstrate different concepts of International Business ,especially for Export & Import.

10. Appraise, assess and choose documents & logistics services and identifying markets for international trade

11. Understood the framework of international trade documentation and logistics for both regulatory and commercial aspects

12. Have understanding of marine insurance cover and limitations

13. Assess the various terms and conditions of export and import finance

Class: BBA-III SEMESTER Semester: Odd

Subject: MARKETING MANAGEMENT (B23-BBA-302) Paper (UG)

S.No. Course Outcomes

After completion of course students will be able to:

1. Understand the psychology of customers and why their behavior pattern varies in market

2. Know the marketing mix elements and how they influence an organization decisions

3. Understand the evolving concepts in marketing

4. Understand role of media in enhancing the value of marketing in economy

5. Get an idea of marketing information system and methods of enhancing the value of information

6. Understand the recent trends in areas of marketing and what are the latest marketing models used by the organizations to study the consumer market.

Class: B23-BBA-102 -I SEMESTER Semester: Odd

Subject: Principles of management Paper: UG

1. Understanding the basic concepts of management along with nature of management

2. Having the knowledge of scope of management

3. Know about management by objectives

4. Understanding the planning process and types of plans

5. Know about decision making concept

6. Elaborating the organizing concept and its structure

7. Having knowledge of span of management

8. Knowing about departmentation

9. Defining the authority and responsibility relationship

10. Differentiation of centralization and decentralization

11. Understanding the need and importance staffing along with their selection and performance appraisal process

12. Know about communication process, its network and barriers

13. Elaborating the controlling process and techniques

14. Understanding need of social responsibility and business ethics

15. To know about the various approaches of development management thoughts

Class: B.B.A. V semester Semester: Odd

Subject: Principles of Banking Paper: UG

1 Understanding the concept of bank along with its functions

2 Having the knowledge of classification of banks

3 Detailed knowledge of concept and functions of bank management

4 Getting an idea about legal framework regulations of banks

5 Understanding the bank regulations act

6 Overview of Reserve Bank of India and its policies

7 Elaborating functions, structure and recent developments in Central Banks

8 Giving overview on banking forms

9 Detailed knowledge of corporate banking

10 Understanding the concept of rural banking

11 Knowing about the retail banking

12 Overview on banking reforms in banking

13 Understanding the banker- customer relationship

14 Detailed knowledge of payment and collection of cheques

15 Knowledge about banking technology

16 Knowing about the priority sector lending

17 Giving an idea on evaluating bank performance

Class: BBA-V SEMESTER Semester: Odd

Subject: EXPORT PROCEDURES AND DOCUMENTATION(BBA-305) Paper (UG)

S.No. Course Outcomes

After completion of course students will be able to:

1. Communicate effectively using basic international business vocabulary with specific emphasis on terms associated with international trade and import / export operations.

2. Select between common modes of export in order to fit the business needs of exporting organizations.

3. Identify factors that indicate strong potential export markets in order to define market selection models or drive market selection systems.

4. Identify major governmental and non-governmental sources of information and import/export assistance and apply that knowledge through development of marketing plans tied to global business activity and country-specific business conditions.

5. Identify sources of information on export restrictions and documentation associated with foreign shipping in order to facilitate export compliance for the exporting organization.

6. Identify major product decisions that are necessary for export markets in order to facilitate product adaptation to the markets in question.

7. Communicate effectively using basic international business with specific emphasis on terms associated with international trade and import / export operations.

8. Outline, relate and classify the impact of EXIM policy on International trade

9. To discover and demonstrate different concepts of International Business ,especially for Export & Import.

10. Appraise, assess and choose documents & logistics services and identifying markets for international trade

11. Understood the framework of international trade documentation and logistics for both regulatory and commercial aspects

12. Have understanding of marine insurance cover and limitations

13. Assess the various terms and conditions of export and import finance

Class: BBA-III SEMESTER Semester: Odd

Subject: MARKETING MANAGEMENT (B23-BBA-302) Paper (UG)

S.No. Course Outcomes

After completion of course students will be able to:

1. Understand the psychology of customers and why their behavior pattern varies in market

2. Know the marketing mix elements and how they influence an organization decisions

3. Understand the evolving concepts in marketing

4. Understand role of media in enhancing the value of marketing in economy

5. Get an idea of marketing information system and methods of enhancing the value of information

6. Understand the recent trends in areas of marketing and what are the latest marketing models used by the organizations to study the consumer market.

Class: B23-BBA-102 -I SEMESTER Semester: Odd

Subject: Principles of management Paper: UG

1. Understanding the basic concepts of management along with nature of management

2. Having the knowledge of scope of management

3. Know about management by objectives

4. Understanding the planning process and types of plans

5. Know about decision making concept

6. Elaborating the organizing concept and its structure

7. Having knowledge of span of management

8. Knowing about departmentation

9. Defining the authority and responsibility relationship

10. Differentiation of centralization and decentralization

11. Understanding the need and importance staffing along with their selection and performance appraisal process

12. Know about communication process, its network and barriers

13. Elaborating the controlling process and techniques

14. Understanding need of social responsibility and business ethics

15. To know about the various approaches of development management thoughts

Class: B.B.A. V semester Semester: Odd

Subject: Principles of Banking Paper: UG

1 Understanding the concept of bank along with its functions

2 Having the knowledge of classification of banks

3 Detailed knowledge of concept and functions of bank management

4 Getting an idea about legal framework regulations of banks

5 Understanding the bank regulations act

6 Overview of Reserve Bank of India and its policies

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8 Giving overview on banking forms

9 Detailed knowledge of corporate banking

10 Understanding the concept of rural banking

11 Knowing about the retail banking

12 Overview on banking reforms in banking

13 Understanding the banker- customer relationship

14 Detailed knowledge of payment and collection of cheques

15 Knowledge about banking technology

16 Knowing about the priority sector lending

17 Giving an idea on evaluating bank performance

Class: BBA 2nd year Semester: 3rd Semester

Subject: Managerial Accounting Paper: B23-BBA-301

1. Understand the fundamentals of management/managerial accounting and effective decision making through management accounting.

2. Understand the application of marginal costing and break-even analysis for decision making in business.

3. Learn budgeting process and types of budgets for effective planning.

4. Learn decision making through financial analysis and management control systems.

5. To know the importance of ratio analysis in managerial accounting.

Class: BBA 1st year Semester: 1st Semester

Subject: Financial Accounting Paper: B23-BBA-101

1. Understand the accounting equations and the rules of

recording accounting transactions.

2. Understand the recording of accounting transactions

in the books of entry and the preparation of ledger

accounts

3. Understand the preparation of trial balance and

reconciliation of accounting statements.

4. Analyse accounting transactions by preparing final

accounts of statements for the profit and non-profit

business entities.

Class: BBA 2nd year Semester: 3rd Semester

Subject: Production Management Paper: B23-BBA-304

1. Understand the nature and importance of production management and decision making in production function.

2. Obtain an understanding of production planning and control practice in organizations and various methods of production.

3. Understand inventory management techniques, store management and its functions.

4. Gain an in-depth knowledge of ISO certification and Statistical Quality Control in Production.

Class: BBA 3rd year Semester: 5th Semester

Subject: Business Law-I Paper: BBA-301

1 Complete understanding of The Indian Contract Act, 1872.

2 Knowledge of major provisions of the act relating to Contracts, Indemnity and Guarantee, Pledge & Bailment and Agency.

3 Understanding of Indian Sales of Goods Act, 1930, legal aspects relating to formation of contract of sales and their classification.

4 Different aspects related to Sales of Goods Act such as Price, conditions and warranties, etc.

5 Understanding of procedure of transfer of property in goods.

6 Measuring performance of the contract of sales, unpaid seller and his rights.

7 Negotiables Instruments Act 1981, Importance and Implication.

8 Learn about different type of Negotiable Instruments such as drafts and cheques.

Class: BBA Ist year Semester: 1st Semester

Subject: Business Organisation Paper:B23-BBA-103

1. Understand the basic concepts in commerce, trade and industry.

2. Understand modern business practices, forms, procedures and functioning of various business organizations.

3. Understand the recent trends and practices in the business world.

4. Understand the Government support and Community efforts.

5. understand the Special Economic Zones-SEZs

Class: BBA IInd year Semester: 3rd Semester

Subject: Human Resource Management Paper:B23-BBA-303

1. To familiarize students with the concept of Human resource management.

2. To understand the role and competencies required for Human resource Managers in an organization.

3. To help students understand the various aspects of employee life cycle within an organization.

4. To significantly improve the understanding of students about global HR Practices.

5. Understand the trends and impact of the Human resource management.

Class: BBA 3rd year Semester: 5th Semester

Subject: Principles of Production Management Paper: BBA-306

1. Understand the nature and importance of production management and decision making in production function.

2. Obtain an understanding of production planning and control practice in organizations and various methods of production.

3. Understand inventory management techniques, store management and its functions.

4. Gain an in-depth knowledge of ISO certification and Statistical Quality Control in Production.

Class: BBA 3rd year Semester: 5th Semester

Subject: Principles of Retailing Paper: BBA-302

Sr. No. Course Outcome

1. Understand the concept of retail in the Indian economy .

2. Understand the concept of organized retailing.

3. Understand the consumer buying behaviour in retail.

4. Overview on store location and store layout for retailing.

5. Understanding the concept of retail organisation.

6. Understand the retail merchandising

**COURSE OUTCOME: CHEMISTRY**

Semester-I (NEP)

After completing this course, the learner will be able to:

1. Enable to understand the basis of quantum mechanics and structural idea and relevance in describing shapes of s, p and d orbitals.

2. To learn about role of temperature and pressure to establish the state of gases and describe the concept of critical constants of real gases.

3. Get knowledge about the electrophile/nucleophile and its role in mechanism of preparation of organic compounds.

4. To know the physical properties, morphology and crystalline study of liquid and different type of solids.

Semester-II (NEP)

After completing this course, the learner will be able to:

1. Able to understand the theories which governs the shape, structure and ionic behavior, polarizability, ionic structures and concept of Lattice energy of crystals of molecules.

2. To know the basics of rates of chemical reactions ,the laws and solubility behavior of solutes in different compositions of solvents.

3. To know about alkanes, alkene, cycloalkanes and their chemical reactions.

4. To understand about weak interactions and bonding in metals.

Semester-III

Paper-I: Organic Chemistry

To demonstrate about the method of preparation and chemical reactions of alcohols and phenols and Ultraviolet Spectroscopy.

Paper-II Inorganic Chemistry

Students will acquire knowledge about d-block elements and coordination compounds.

Paper-III: Physical Chemistry

Students will learn about basic concepts of thermodynamics and chemical equilibrium.

Semester-IV

Paper-I: Organic Chemistry

To enable the students to have basic knowledge of Infra-red Spectroscopy and different reactions of aldehydes and ketones..

Paper-II Inorganic Chemistry

Students will gain an understanding about chemistry of lanthanides and actinides.

Paper-III: Physical Chemistry

To acquaint the students about some vast concept of thermodynamics.

After completing this course, students must have the knowledge of Qualitative and quantitative inorganic analysis. Students will be able to apply the techniques learned in the laboratory to the society like testing of adulterants in the food items.

Semester-V

Paper-I: Organic Chemistry

To understand the basic concepts of NMR Spectroscopy, mutarotation and osazone formation in Glucose and Fructose.

Paper-II Inorganic Chemistry

Students will be aquainted about metal-ligand bonding in transition metal complexes and magnetic and electronic properties of transition metal complexes.

Paper-III: Physical Chemistry

Students will learn about basic concepts of quantum mechanics and spectroscopic techniques like Rotational, Vibrational and Raman Spectroscopy.

Semester-VI

Paper-I: Organic Chemistry

Students will gain basic knowledge about synthetic detergents and claisen condensation reactions.

Paper-II Inorganic Chemistry

Students will attain knowledge about organometallic chemistry and Bio-inorganic chemistry.

Paper-III: Physical Chemistry

Students will learn about photochemical reactions and colligative properties of the solution.

After completing this course, students will be able to apply the techniques learned in the laboratory to the society like preparation of soaps and detergents, harmful effects of detergents on water bodies etc.

CourseDEPARTMENT OF MUSIC (I)

SEMESTER-I (NEP)

After completing this course, the learner will be able to:

1. The students will be able to describe the Various Ragas of North Indian Classical Music

2. The students will be able to describe the various Talas of North Indian classical Music.

3. The students will be able to define the terminologies of Indian classical music.

4. The students will be able to explain the rich history of Indian music and contribution renowned musician.

SEMESTER-II (NEP)

After completing this course, the learner will be able to:

1. The students will be able to describe the Various Ragas of North Indian classical music .

2. The students will be able to describe the various Talas of North Indian classical Music.

3. The students will be able to illustrate the historical trends of Indian classical music.

4. The students will be able to describe the various theoretical aspects of Indian classical music.

5. The students will be able to present given ragas and taalas

SEMESTER-III

PAPER –I Theory

In this paper, students will learn to write notation of Raga Chhayanat, Jayjayvanti, Bhairav and Bhairavi in Razakhani and Masitkhani Gat and Teevra, Deepchandi and Dadra Taal in Ekgun, Dugun and Chagun rhythm. They will understand the definition of Parmel Praveshak Raga, Alpatav-Bahutva, Masitkhani Gat, Razakhani Gat and Gram. Along with Swayambhu Naad, they will know the technique of tuning of sitar and will have knowledge of various methods of playing

sitar. Students will know in detail about Santoor and Guitar instruments and will get information about the contribution of Ustad Abdul Halim Jaffer Khan and Pannalal Ghosh to music.

SEMESTER-IV

PAPER –I Theory

In this paper, students will learn to write the notations of Raga Shuddha Kalyan, Khamaz and Kedar along with their historical study in Razakhani and Masitkhani Gat and Chaital, Adha-Chaital and Ektal Ekgun, Dugun and Chagun rhythms. They will understand Arvibhav-Tirobhav, Sandhiprakash Raga, Amirkhani Gat, Mucharchana. They will get detailed information about medieval music. Students will learn about the role of science in promoting the educational and cultural aspects of music in modern times. Along with knowing about Sarod, Tabla and Violin in detail, students will also get to know about the contribution of Smt. Annapurna Devi and Ustad Inayat Khan to music.

PAPER –II Practical

In this paper, students will learn to play three Masitkhani gats in Raga Shuddha Kalyan, Khamaj and Kedar including Alaap, Jod, Tode and Jhaale and Razakhani gat in two ragas. They will learn to play a tune in Bhairavi or Pilu. Along with playing Teevra, Adha-Chaital and Chaital in Ekgun and Dugun rhythms on hands, they will also play Ektal and Chaital on Tabla. They will learn to play one gat in Ektal in Madhyalay with Todes and will learn to play three Alankars in Khamaj, Bhairavi and Asavari Thaat.

SEMESTER-V

PAPER –I Theory

In this paper, students will learn to write notation of Raga Todi, Miyan Ki Malhar, Pooriya Dhanashree and Basant in Razakhani and Masitkhani Gat and Dhamar, Teentaal and Jhaptaal in Ekgun, Dugun, Tigun and Chagun rhythms. Students will get detailed information about the origin and development of notation system and the origin and development of Indian orchestra. They will know in detail what is the role of music in international cultural exchange. Students will get acquainted with the contribution of Ustad Mushtaq Ali Khan and Nikhil Banerjee to music.

SEMESTER-VI

PAPER –I Theory

In this paper, students will learn to write notation of Raga Kaamod, Bihag, Deshkar, Bahar and Bhimplasi in Razakhani and Masitkhani gats and Dadra, Kaharva and Sultaal in Ekgun, Dugun, Tigun and Chagun rhythms. They will know the merits and demerits of notation system. They will get to know about the development of Indian classical music in 17th and 19th century. Students will get to know about the contribution of Ustad Ali Akbar Khan and Ustad Vilayat Hussain Khan to music.

Under this, students will get to know about the role of electronic media in the promotion of Indian classical music.

PAPER –II Practical

In this paper, students will learn to play one of the Raga Kaamod, Bihag, Deshkar, Bahar and Bhimplasi with Razakhani gat alaap, jod, tode and jhale and four Masitkhani gat alaap with tode. They will learn to play a tune in Pahadi or Mand.

Students will play Dhamar, Teentaal, Jhaptaal, Dadra, Kaharwa and Sooltaal in Ekgun, Dugun, Teegun and Chaigun rhythms on the hand and Dadra and Kaharwa on the tabla.

Along with this, students will play one gat Jhaptaal and Rupak taal with tode and will learn to play four Alankars in Todi, Purvi and Bhairav Thaat. Students will learn to tune the Sitar.

**Course Outcomes of Sociology Course in B.A**

Semester-I Paper : An Introduction to Sociology

 The knowledge gained in this course offers a foundational understanding of society and the critical issues within sociology, highlighting their overall influence on our lives.

 This course allows students to delve into the field of sociology, fostering an appreciation for the validity and relevance of sociological perspectives in everyday life.

Upon completion, students will grasp the fundamental sociological insight that "every individual is a part of society."

Semester-II

Paper : Society and Social Change

 Student will gain a foundational understanding of the institutional structure of society.

 This knowledge enables them to recognize how traditional social structures manifest in contemporary forms.

 Additionally, students will learn about the transformations taking place within key social institutions and how these changes affect their functions.

Semester-III Paper : Social Research Methods

 Research designs cultivate analytical thinking, allowing students to observe social realities without bias.

 Sociological research methodology equips students with theoretical and empirical knowledge, moving beyond everyday understanding.

 This approach provides students with the chance to conduct research in areas of their interest, further enhancing their sociological research skills.

Semester-IV Paper : Social Problem

 The course design provides students with ample opportunities to explore the root causes of social issues in society.

 It fosters critical thinking, enabling students to grasp the consequences of societal divisions.

 Additionally, it trains students to seek solutions that could benefit society as a whole.

Semester-V Paper : Foundations of Social Thought

 It instills confidence in students' capacity to comprehend the complexities of reality.

 The course fosters a comprehensive perspective for analyzing various social issues and developing relevant theories.

 Upon completion, students will be familiar with different theoretical frameworks that equip them to understand the intricate dynamics of society.

Semester VI Paper : Rural Sociology -

The course offers a comprehensive overview of the evolving rural society in India, emphasizing the significance of studying Indian rural life from a scientific perspective.

 It aids students in grasping the essential traits of India's traditional agrarian civilization.

 Additionally, it enables them to comprehend the dynamics of a rapidly transforming rural landscape.

 The course also provides valuable insights into important government initiatives, such as Panchayati Raj, enhancing students' understanding of these measures.

**Course Outcome of BA (General) Economics**

KNOWLEDGE: Demonstrate knowledge of historical emergence, questions asked, and distinctive contributions of the social science disciplines to the analysis of human behavior and social issues.

PROBLEM SOLVING: Visualize, conceptualize, articulate, and solve complex problems through experimentation and observation using theoretical framework of social science disciplines.

CRITICAL THINKING: Critically analyze everyday problems faced by the society, evaluate specific policy proposals, compare arguments with different conclusions to a specific societal issue, and assess the role played by assumptions in such arguments.

SCIENTIFIC ENQUIRY: Develop the capability of defining problems, formulate hypothesis, collect relevant data, develop empirical evidence and interpret the results of such analyses.

USAGE OF ANALYTICAL TOOLS: Develop the ability to apply appropriate quantitative/qualitative techniques used in social science disciplines along with ICT, software etc.

SPECIALIZATION AND EMPLOYBILITY: Develop deeper understanding, creativity, and originality, analytical and critical skills in chosen specialized areas of social science disciplines leading to employability.

PRACTICAL KNOWLEDGE: Develop the powers of inquiry, critical analysis, logical thinking, and ability to apply theoretical knowledge to current issues of policy and practice in economics. Learn and apply alternative and economic tools to address policy issues related to competition, growth, fiscal matters, environment, financial markets, labour, infrastructure, agriculture, population, trade and welfare in India.

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| **Class: B.A. – I Semester: Odd**  **Subject: Introduction to Psychology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students get familiar with the major concepts, theoretical perspectives, and historical trends in Psychology. |
| 2. | Students learn the methods of psychology for further research purpose in higher studies, especially through the experimental, observation, and survey methods. |
| 3. | Students are made aware of the ear and eye functioning through which they can understand the concept of sensation. |
| 4. | The psychological understanding of perception through figure-ground and monocular-binocular cues enhances the perception skills of the students. |
| 5. | Students develop an understanding about the theoretical base of emotions and the bodily changes related to emotions. |
| 6. | Students get an insight about the biological and psychological motives that contributes in the well-being and motivation of individuals at different stages of life. |
| 7. | The understanding of personality and its determinants through type and trait approaches enables the students to know more about the psychological self of an individual. |
| 8. | The theoretical basis of intelligence and IQ is important for students in understanding general intelligence, and specific intelligence of individuals suggesting why individuals perform well in specific areas. |
| 9. | Students get a practical understanding and measurement of psychological concepts through various assessment tools like EPQ, RPM, etc. |
| **Class: B.A. – I Semester: Even**  **Subject: Social Psychology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students learn about the different agencies of socialization like family, school, and peer group through sociometric method in social psychology, that assist them in social development. |
| 2. | Students get an insight into the formation of groups and the social norms associated with them in formal and informal setting. Leadership is the real essence of a group, whereby students develop a familiarity with the theoretical foundation of leadership. |
| 3. | Psychological concepts like attitudes, prejudices, and stereotypical behaviour are elaborated to equip the students in effective management of self and others for the well being of society at large. |
| 4. | Students understand the concept of aggression and its prevention through various techniques and psychological principles. Prosocial behaviour through intervention strategies like prosocial peer moderator programmes equips the students in handling cases of aggression, and juvenile delinquency. |
| 5. | The psychological instruments like sociometry, leadership scales, etc. enlighten the students about the practical understanding of social concepts. |
| **Class: B.A. – II Semester: Odd**  **Subject: Experimental Psychology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students develop an insight into the understanding of concepts like attention, and psychophysics which helps them in identifying their span of attention. |
| 2. | Students learn to apply the learning principles in daily life through the orientation of different types of learning like trial and error, classical, and operant conditioning. |
| 3. | Students learn about the importance of short term and long term memory, whereby they also learn to apply pneumonic, letter pegs, heuristics, and algorithm in order to avoid forgetting. |
| 4. | Students implement the psychological concepts like divergent thinking or creativity in the process of problem solving and they are oriented towards different stages of problem solving like preparation, incubation, illumination, etc. |
| 5. | Students study statistics in psychology like measures of central tendencies, frequency distribution, and graphical presentations that help them in data management in future research. |
| 6. | Use of psychological instruments like Muller lyre, tachistoscope, and mazes prepares the students in practical application of different psychological concepts. |
| **Class: B.A. – II Semester: Even**  **Subject: Developmental Psychology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students are familiarized with the basics of human development from infancy to death, differentiating the concept of development from growth and maturation. |
| 2. | Orientation about the factors affecting biological, socio-emotional, cultural, and cognitive development of individuals enlighten the students about the factors associated in development through all stages. |
| 3. | Students develop insights about the stages of prenatal development, where they get to know about the determinants of prenatal development. |
| 4. | The biological, social, and cognitive understanding of infants facilitates the students in understanding the potential hazards and adjustment related issues of infancy. |
| 5. | Students learn about the perceptual, motor, emotional and cognitive development of children in early, middle, and late childhood. |
| 6. | Adolescence is a critical stage where students learn about the characteristics of teenagers, adjustment issues faced by them, hormonal changes, etc. |
| 7. | Students get oriented about the challenges of early adulthood, stability issues of middle adulthood, and despair in late adulthood or geriatric population. |
| 8. | Measures of variability like quartile deviation and standard deviation are explained as part of statistical analysis that enriches their statistical analysis and data interpretation skills for later research purpose. |
| 9. | Students are exposed to psychological assessment tools related to human development like study of values, parent-child-relationship, and youth problems that enhances their understanding about development. |
| **Class: B.A. – III Semester: Odd**  **Subject: Psychopathology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students get familiarized with the concept of normality and abnormality through biological, psychodynamic, behavioural, and cognitive perspective. |
| 2. | Classification of psychopathology through Diagnostic Statistical Manual or DSM enhances the understanding of students in classification of mental disorders. |
| 3. | Students learn diagnostic assessment through case studies, interviews, and projective techniques. |
| 4. | Anxiety based disorders equip the students with the understanding, symptoms, and causes of irrational fears like phobias, obsessive compulsive disorders, and other general anxiety disorders. |
| 5. | Students are able to weigh the ethical underpinnings with respect to the causes, and consequences of substance abuse. Students enhance their skills about the assessment and therapies related to substance abuse in rehabilitation of addicts. |
| 6. | Symptoms and causes of mood disorders like unipolar and bipolar familiarize the students with the concept of depression. |
| 7. | Students strengthen their knowledge about psychopathology when they learn the concept of hallucination, and delusions in an orientation about nature, types, and causes of schizophrenia. |
| 8. | Psychological assessment introduced through depression inventory, CAT, WAT, and CAQ equip them with practical assessment skills of various psychological disorders. |
| **Class: B.A. – III Semester: Even**  **Subject: Applied Psychology Paper: UG** | |
| **S.N.** | **Course outcomes** |
| 1. | Students understand and learn to apply psychological principles, methods, and other theoretical concepts in personal, social, educational, and organizational settings. |
| 2. | Students recognize and understand the objectives and development related to organizational psychology. They also learn how industrial psychology is different than organizational psychology. |
| 3. | Students emerge with realistic ideas about how to implement their psychological knowledge, skills, and values about guidance and counselling in occupational pursuits in a variety of settings. |
| 4. | Students develop insight into their own and other’s behaviour and mental processes, and apply effective therapies for coping with health and illness issues. |
| 5. | In health sector, students are oriented towards skills related to life style management, stress, and coping. |
| 6. | Students demonstrate information competence and ability to use psychological skills and laws like eyewitness testimony in forensic psychology. |
| 7. | Students enhance their statistical analysis skills through rank order and Pearson’s correlation methods. |
| 8. | Assessment tools like stress and coping inventory strengthen the practical application skills of the psychological concepts. |

**Course Outcomes: Advance Financial Management**

Class- M. Com 3rd Semester

Upon completing this course, students will be able to:

CO 1: Understand the types, determinants, and models of dividend decisions and corporate dividend practices in India.

CO 2: Learn the concepts, importance, and determinants of capital structure, including various theories and the concept of financial indifference points.

CO 3: Gain knowledge of operating, financial, and combined leverage, as well as conducting EBIT-EPS analysis.

CO 4: Explore the need, objectives, and techniques of corporate restructuring, including mergers and takeovers.

CO 5: Understand the legal, procedural, financial, and taxation aspects of mergers and acquisitions, along with post-merger challenges.

CO 6: Develop skills in financial restructuring, including reorganization of capital, buy-back of shares, and management of financially distressed units.

**Course Outcome: Marketing Research**

Class- M. Com 3rd Semester

CO 1: Understand the nature, scope, and importance of marketing research in decision-making.

CO 2: Learn the steps involved in the marketing research process, from problem formulation to research design.

CO 3: Gain knowledge of various research designs, including exploratory, experimental, and descriptive research.

CO 4: Develop skills in sampling design, questionnaire creation, and data collection methods.

CO 5: Explore different scaling techniques and understand the implications of sampling and non-sampling errors.

CO 6: Acquire an understanding of qualitative research methodologies and techniques, such as observation and surveys.

**Course Outcome: Advertising Management**

**Class- M. Com 3rd Semester**

CO 1: Understand the nature, importance, and ethical considerations of advertising within the communication process.

CO 2: Learn to determine advertising objectives and budgets using various methods.

CO 3: Develop skills in creating and testing effective advertising messages, including copy, headlines, logos, and illustrations.

CO 4: Gain expertise in media planning, including the selection and scheduling of print, broadcasting, and other media types.

CO 5: Explore the role of advertising agencies, including managing client relationships and controlling advertising efforts.

CO 6: Understand and apply methods to evaluate the effectiveness of advertising campaigns through pre- and post-tests.

**COURSE OUTCOMES**

**Paper: Problem Solving Through C Class :- BCA**

**Course Outcomes**: The course will enable students to;

1. Learn the basics of C program, data types and input/output statements.

2. Understand different types of operators, their hierarchies and also control statements of C.

3. Implement programs using arrays and strings.

4. Get familiar with advanced concepts like structures,

union etc. in C language.

5. To implement the programs based on various concepts of C.

**Paper: - Linux and Shell Programming Class: - BCA**

After completing this course, the learner will be able to:

1. Understand Linux architecture.

2. Use various Linux commands that are used to manipulate system operations.

3. Acquire knowledge of Linux File System.

4. Understand and make effective use of I/O and shell scripting language to solve problems.

5. To implement the programs based on various shell

commands and programs in Linux.

**Paper: - Operating Systems - I Class: - BCA**

**Course Outcomes:** After completing this course, the learner will be able to:

1. Understand the basic concepts of operating systems and their services along with process management.

2. Understand the concept of process scheduling and acquire knowledge of process synchronization.

3.Learn about memory management and virtual memory concepts.

4. Learn to work with directory structure and security aspects.

  5. To implement the programs based on the operating system.

**Paper: - Data Structures Class: - BCA**

**Course Outcomes:** After completing this course, the learner will be able to:

1. Master algorithmic notation, programming principles and implement arrays, searching and sorting techniques.
2. Apply stack and queue operations, understand linked lists, and their applications including dynamic storage management.
3. Comprehend binary trees, binary search trees, AVL trees, B-trees, B+ tree indexing, Trie tree indexing, and their applications.
4. Utilize graph representations, traversals, applications, operations, and file organization techniques.

**Course Outcomes of B.A Political Science**

Semester 1

Paper : Principles of Political Science - I

Understand the meaning, nature and scope of Political Science along with its relationship with other Social Sciences. Understand the concept, development and theories of the origin of the State. Develop a thorough understanding of the state and its relationship with society, government and nation. Comprehend the concepts, features and theories of sovereignty.

Paper : Introduction to Political Theory

Understand the meaning, nature and significance of Political Theory along with the causes of its decline and resurgence. Comprehend the concepts of liberty, equality and justice. Comprehend the concepts of democracy, rights and citizenship. Develop an understanding of power, political obligation and common good.

Semester II

Paper : Principles of Political Science - II

Develop a thorough understanding of the theory and practice of government, separation of powers and rule of law. Understand the various forms of government in a political system. Understand the nature and operation of political parties, pressure groups, representation and bureaucracy. Comprehend the functioning of monarchy, totalitarianism, military rule and democratic political regimes

Paper : Gender & Law In India

Understand the concept, origin and development and types of Feminism. Understand the concept of Patriarchy, gender as a social construct and public/private dichotomy. Understand the history of women’s movement and constitutional provisions related to gender in India. Gain an in-depth knowledge of legal provisions related to gender.

Semester III

Paper : Indian Constitution

Understand the preamble and features of the Indian Constitution and develop an understanding of Fundamental Rights and Directive Principles of State Policy. Develop an understanding of the powers, position and functions of the Union and the State Executive. Comprehend the functioning of the Union and State legislatures and local self-government. Comprehend the functioning of the Indian judicial system

Paper : Comparative Politics

Understand the definition and scope of comparative politics along with its traditional and modern concerns. Develop a thorough understanding of the following approaches to study Comparative Politics Systems, Structural-functionalism, Political Development and Political Culture. Comprehend the concept of constitutionalism and its problems in the modern times. Comprehend the formal and informal constitutional structures.

Semester IV

Paper : Indian Government and Politics

Understand the theory and practice of Federalism in India. Comprehend the process and dynamics of elections in India. Understand the nature and role of party system, interest and pressure groups in India. Develop an understanding of the socio-political factors that influence Indian politics along with its emerging trends.

Paper : Comparative Constitution of UK and USA

Understand the evolution, conventions, legacies and features of the constitutions of UK and USA along with their socio-economic basis. Develop a thorough understanding of the comparative study of the executive, legislature and judiciary of the U.K. and USA. Understand the structure, functions and role of political parties and pressure groups in the UK and USA. Comprehend the process and dynamics of elections, bureaucracy and recent trends in the system of UK and USA.

Paper : State Politics in India

Understand the significance and determinants of state politics in India. Comprehend the theory and practice of Federalism in India. Understand the center-state relations and various mechanisms to resolve the irritants. Develop an understanding of regionalism and movements against land acquisition in India.

Paper : Perspectives on Democracy

Understand the meaning, definition and characteristics of democracy along with its historical development. Comprehend the forms, dimensions and safeguards of democracy. Understand the liberal, Marxist, elitist and pluralist theories of democracy. Develop an understanding of issues, challenges and the future of democracy.

Semester - V and VI

Comparative Government and Politics V (Semester V) and VI (Semester VI).

Students of political science B.A. 5th and 6th semester studied the course at UG level. The course consists of nature and working of Government and political process of UK and USA. It enhances the knowledge and approach beyond Indian Polity. It makes the student aware about the structure and working of Government and its organs. It also provides academic inputs about the political parties and pressure groups of both the countries. It is very much important for the students for comparative and analytical study of the major political system in the modern age.