

**Maharashtra UdayagiriMahavidyalaya, Udgir**

**Internal Quality Assurance Cell**

**Programme Outcomes-BA**

The completion of the Programme will help the graduates to:

- Acquire knowledge in the field of humanities and social sciences
- Be sensitive to human values like respect, acceptance, empathy etc.
- Develop aesthetic and moral sense
- Create a sense of social commitment and act over various social issues for their solutions
- Prepare themselves for various competitive exams and choose post-graduate programme of their choice

**Maharashtra UdayagiriMahavidyalaya, Udgir**

**Internal Quality Assurance Cell**

**Programme Outcomes-BSc**

The completion of the Programme will help the graduates to:

- Acquire theoretical and practical knowledge in Physical and Life Sciences
- Develop their scientific temperament, analytical mind and logical thinking
- Understand the basic concepts and principles of science and scientific theories
- Extract information, formulate problems and find their solutions
- Appear for various competitive exams and sensibly choose their postgraduate programmes of their choice

**Maharashtra UdayagiriMahavidyalaya, Udgir**

**Internal Quality Assurance Cell**

**Programme Outcomes-BCom**

The completion of the Programme will help the graduates to:

PO1: Acquire knowledge in the field of banking, insurance, management, accounting, purchasing, business economics and finance

PO2: Start up independently their own business

PO3: Go for higher education in finance, commerce, CA, CS, ICWA, MBA, MCom and Public Services Exams

PO4:

**Maharashtra UdayagiriMahavidyalaya, Udgir**

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**Programme Outcomes-BCA**

The completion of the Programme will help the graduates to:

PO1: Acquire knowledge of the contemporary issues and emerging developments in computing profession

PO2: Get actual hands-on training in computer skills

PO3: Learn various custom softwares and design components and processors accordingly

PO4: Identify, formulate and solve problems using computational temperament

- PO5: Appear for various competitive exams and sensibly choose their postgraduate programmes of their choice

## **B.Com I Year (I Semester)**

### **1. Fundamental of Financial Accounting (Paper No. BC 1.1)**

#### **Course Outcomes**

1. Basic knowledge of Accountancy
2. Accounting process
3. Application of Accounting in Business

### **2. Business Statistics (Paper No. BC 1.2)**

#### **Course Outcomes**

1. Student can understand the basic concept of statistics.
2. Provide fundamental knowledge of statistical techniques.
3. Statistical application in business and data analysis.

### **3. Business Economics-I (Paper No. BC 1.3)**

#### **Course Outcomes**

1. Students will be acquainted with the business economic principles
2. Economic theories as are applicable in business.

### **4. Fundamentals of Business Communication (Paper No. : BC 1.4)**

#### **Course Outcomes**

1. Develop Communication Skills of Students
2. Help in personality development.
3. To improve speaking, writing, and interview skills of students.
4. Adequate Knowledge about good communication in business

### **5. Computer for Business (Paper No. : BC 1.5.1)**

#### **Course Outcomes**

1. Develop awareness about computer and advances in the Information technology field
2. Develop knowledge about internet, email and social networking
3. Adequate Knowledge about Information technology

## **B.Com I Year (II Semester)**

### **1. Financial Accounting (Paper No. BC 2.1)**

#### **Course Outcomes**

1. Accounting Knowledge
2. Application of Accounting in Business

### **2. Business Statistics and Mathematics(Paper No. : BC 2.2)**

#### **Course Outcomes**

1. Student can understand the basic concept of mathematics
2. Mathematical operational use in various business operations

### **3. Business Economics II (Paper No. BC 2.3)**

#### **Course Outcomes**

1. Students will be acquainted with the market structures
2. Theory of distribution is as applicable in business.

### **4. Modern Business Communication(Paper No. BC 2.4)**

#### **Course Outcomes**

1. Adequate Knowledge about good communication in business

### **Tally ERP 9.0(Paper No. : BC 2.5.1)**

#### **Course Outcomes**

1. Adequate Knowledge about Computerize Accountancy and Tally

## **B.Com. Second Year Semester III (CBCS Patterns)**

**Paper No. BC.3.1**

### **Corporate Accounting**

#### **Course Outcomes:**

1. The course is beneficial to understand the provision of company act 1956 regarding the preparation of accounts.
2. It is beneficial for students to move in to advance areas i.e. C.A, I.C.W.A, CS etc.
3. It could help graduates to work as financial analyst, HRM officers.
4. It provides the knowledge of differentiating the profit Prior and post Incorporation.
5. It provides the basic concept of knowledge of buyback, forfeiture of shares.

**Paper No. BC.3.2**

### **Cost Accounting**

#### **Course Outcomes:**

1. The selection of the appropriate cost accounting and their impact on the business policy.
2. The determination of cost as per element per unit of production.
3. The Identification and control of cost of production.
4. Becoming a superior Cost accountant and cost analyst.

**Paper No. BC.3.3**

### **Principles of Business Management**

#### **Course Outcomes:**

1. Successfully completion of this course, students will be able to understand the Managerial functions.
2. To understand the way of implementation of the planning process within the organization.
3. It would help the students to clarify the basic and fundamental concepts of the management systems.
4. To illustrate the ability to directly leading and communicating effectively.
5. It would be useful for analyzing, evaluating and synthesizing the information of management.

**Paper No. BC.3.4**

### **Mercantile Law**

#### **Course outcomes:**

Students will be able to apply and follow the rules and regulations as per the various business and mercantile laws. Such As 1. Indian Contract Act, 1872. Negotiable Instruments Act, 1881

3. Sale of Goods Act, 1930. Indian Partnership Act, 1932. Consumer Protection Act, 1986

**Paper No. BC.3.5**

### **Fundamentals of Income Tax**

#### **Paper No. BC.3.5**

### **Fundamentals of Income Tax**

#### **Course Outcomes:**

1. After Completion of course students will be capable to describe the provisions in the corporate tax law which can be used for tax planning.
2. Students can well define the residential status of the assets.
3. Student of the course will be able to explain different type of income of their tax liabilities, expenses and their deduction ability.
4. Students who complete their course will be able to learn various direct and indirect taxes and their implications
5. Students of the course will be able to state the use of various deduction to reduce the taxable income.
6. Student will be capable of choosing a career to become a Tax consultant.

### **Skill Enhancement Course -I**

**Paper No. SEC.1.3**

### **Basic Accounting skills**

#### **Course Outcomes:**

The students will be able to handle basic accounting practices skillfully.

**B.com Second year**  
**Semester IV (CBCS Patterns)**

**Paper No. BC.4.1**

**Advance Corporate Accounting**

**Course outcomes:-**

- 1) Student can acquire an idea about internal reconstruction of the company
- 2) The learn and understand how the two companies amalgamated
- 3) Students get knowledge of process of how the Holding company and subsidiary company come together
- 4) Provide the knowledge of Advance and recent transactional concept of corporate accounting

**Paper No. BC.4.2**

**Advanced Cost Accounting**

**Course Outcomes**

- 1) It will assist to student in company decisions making in practical manner
- 2) Students has an opportunity to become a cost analyst and cost accountant
- 3) Students can evaluate financial cost and cost volume profit model by acquiring the costing knowledge
- 4) Students can become to propose an organizational design based managerial accounting concept.

**Paper No. BC.4.3**

**Business Management**

**Course Outcomes:**

1. It is beneficial to become successful manager.
2. It is very useful to apply theories and techniques of management in practical life.
3. It develops managerial skills among the students.

**Paper No. SEC.2.4**

**Retail Business Accounting**

**Paper No. BC.4.4**

**Corporate Law**

**Course outcomes:-**

- 1) Student know the procedure of conducting meetings
- 2) Student hasan opportunity to become a company secretary
- 3) By acquiring the knowledge of technical process of company winding-up
- 4) Student can understand various provision of incorporation of company

**Paper No. BC.4.5**

**Income Tax Law and Practice**

**Course Outcomes**

- 1) Student able to make differentiate the direct and indirect tax
- 2) Student acquaint the knowledge and able to file tax return on individual
- 3) To learn and make able to compute total Income and define tax compliance and structure
- 4) Enable to understand amendment made from time to time by finance department

**Paper No. SEC.2.4**

**Retail Business Accounting**

**Course Outcomes:**

1. The students will be able to handle basic accounting practices skillfully.
2. The students will be able to handle Retail Business Accounting practices skillfully.

**B. Com. Third Year  
Semester -V(CBCS Pattern)**

**1. Advanced Accounting – I (XXIII)**

**Course Outcomes:**

1. Student can acquire knowledge of advance level of accounting for professional
2. The course is to equip the students with the ability to analysis interpret and use accounting information in managerial decision making and auditing.

**2. Management Accounting – I (XXIV)**

**Course Outcomes:**

1. This course is to equip the students with the ability to analysis, interpret and use accounting information in Management accounting information in managerial decision making.
2. The student is expected to have a good working knowledge of the subject.
3. This paper provides the students an understanding of the application of accounting techniques for management.

**3. Auditing-I (XXV)**

**Course Outcomes:**

1. The course is to provide the candidates with sound Knowledge of the important provisions of the Audit and company law and their Applications in practices.
2. The course is to provide the candidates with sound Knowledge of Regarding minute study to find out the fraud and errors in accounting.

**4. (B) Human Resource Management-I (XXVI)**

**Course Outcomes:**

1. The course is to gain the holistic knowledge of human resource engaged in the business world.
2. The course is to provide the candidates of understand the nature and applicability of the major HR Practice.

**5. (B) Marketing Management-I (XXVII)**

**Course Outcomes:**

1. This course is to provide a sound understanding of the basic Principles of Marketing Management and their applications in the business and industry.
2. This course aware oneself in respect of difference between sales and marketing.

**GE-I.1 Indian Economy-I**

**Course Outcomes:**

1. Acquaint the student with the development of knowledge about Indian Economy and various system of control the Economic crises in Indian Economy.

**SEC-III.4 Accounting and Tally**

**Course Outcomes:**

1. Develop the knowledge of student in accounting treatment with the help of computer software technology.



## **B. Com. Third Year Semester VI**

### **1. Advanced Accounting-II (XXIX)**

#### **Course Outcomes:**

1. Student can acquire knowledge of advance level of accounting for professional
2. The course is to equip the students with the ability to analysis interpret and use accounting information in managerial decision making and auditing.

### **2. Management Accounting – II (XXX)**

#### **Course Outcomes:**

1. This course is to equip the students with the ability to analysis, interpret and use accounting information in Management accounting information in managerial decision making.
2. The student is expected to have a good working knowledge of the subject.
3. This paper provides the students an understanding of the application of accounting techniques for management.

### **3. Auditing-II (XXXI)**

#### **Course Outcomes:**

1. The course is to provide the candidates with sound Knowledge of the important provisions of the Audit and company law and their Applications in practices.
2. The course is to provide the candidates with sound Knowledge of Regarding minute study to find out the fraud and errors in accounting.

### **4. (B) Human Resource Management-II (XXXII)**

#### **Course Outcomes:**

1. The course is to gain the holistic knowledge of human resource engaged in the business world.
2. The course is to provide the candidates of understand the nature and applicability of the major HR Practice.

### **5. (B) Marketing Management-II (XXXIII)**

#### **Course Outcomes:**

1. This course is to provide a sound understanding of the basic Principles of Marketing Management and their applications in the business and industry.
2. This course aware oneself in respect of difference between sales and marketing.

### **GE-II.1 Indian Economy-II**

#### **Course Outcomes:**

1. Acquaint the student with the development of knowledge about Indian Economy and various system of control the Economic crises in Indian Economy.

### **SEC-III.4 Accounting and Tally**

#### **Course Outcomes:**

1. Develop the knowledge of student in accounting treatment with the help of computer software technology.

**SEMESTER PATTERN CURRICULUM UNDER  
CHOICE BASED CREDIT SYSTEM (CBCS)  
for  
Faculty of Science and Technology  
Under Graduate Program**

**SUBJECT: BOTANY**

**B. Sc. First Year**

**With Effect from June 2019**

## **Program Educational Objectives:**

### **The Objectives of this program are:**

**PEO1:** To provide an updated education to the students at large in order to know the importance and scope of the discipline and to provide mobility to students from one university or state to other.

**PEO2:** To update curriculum by introducing recent advances in the subject and enable the students to face NET, SET, UPSC and other competitive examinations successfully.

**PEO3:** To impart knowledge of plant science as the basic objective of Education.

**PEO4:** To develop a scientific attitude to make students open minded, critical and curious.

**PEO5:** To develop an ability to work on their own and to make them fit for the society.

**PEO6:** To expose themselves to the diversity amongst life forms.

**PEO7:** To develop skill in practical work, experiments, equipment's and laboratory use along with collection and interpretation of plant materials and data.

**PEO8:** To make aware of natural resources and environment and the importance of conserving the same.

**PEO9:** To develop ability for the application of the acquired knowledge in the fields of life so as to make our country self-reliant and self-sufficient.

**PEO10:** To appreciate and apply ethical principles to plant science research and studies.

## **Program Outcomes:**

### **The Outcomes of this program are:**

**PO1:** This program will train and orient the students in the field of diversity of different life forms of, Plant Anatomy, Plant Embryology, Plant Physiology, Plant Metabolism and Biochemistry.

**PO2:** This program will help the students for their career development.

**PO3:** This program will provide updated curriculum with recent advances in the subject and enable the students to face NET, SET, UPSC and other competitive examinations successfully.

**PO4:** This program shall train and orient the students for laboratory skills and serve as human resource for the educational institutes, industries and other organizations.

**PO5:** The programme also has a strong interdisciplinary component. Emphasis is given on the experimental learning through hands-on laboratory exercises, field trips and assignments.

**PO6:** Students will be able to understand and explain different specializations of Botany such as anatomy, Embryology, developmental biology, physiology, biochemistry etc. Students will be able to demonstrate the experimental techniques and methods in plant sciences and have innovative research ideas.

**PO7:** The programme will enlighten the current thrust areas of the subject and provide substantial exposure and skills in plant biology.

**PO8:** Skill Enhancement Courses being offered during this program will provide job opportunities and additional specific skills to the students for self-employability through the development of their own enterprises.

### **Program Specific Outcomes:**

**PSO1:** The programme will develop knowledge of Plant Science and orient the students for plant sciences specific skills. Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare and contrast the characteristics of plants, algae, and fungi that differentiate them from each other and from other forms of life.

**POS2:** Understand the evolving state of knowledge in a rapidly developing field of plant sciences. Which in turn forms the basis for the career development.

**POS3:** Students will be able to demonstrate proficiency in the experimental techniques and skills in plant sciences to generate trained human resources

## **Theory Paper –I**

### **Viruses ,Bacteria, Algae, Fungi, Lichens and Mycorrhiza**

#### **Learning Objectives**

1. To study and impart knowledge about the occurrence, distribution, structure and life history of lower plants such as algae, fungi, lichens
2. To instill in students an appreciation for the diversity of plant forms and structural organization that exists within plant bodies that allow plants to develop and live as integrated organisms in diverse environments

#### **Learning outcomes:**

1. Understand the morphology, structure and importance of the various organisms
2. Differentiate between various groups of Algae, Fungi, Bacteria, Viruses, and Lichens & Mycorrhiza
3. Learn the life cycles of individuals belonging to Algae, Fungi, Bacteria, Viruses, and Lichens , Mycorrhiza

## **Theory Paper –II**

### **Plant Ecology and Phytogeography**

#### **Learning Objectives:**

1. Acquainted with basic concepts of Ecology , Ecosystem Ecological factors, community ecology and phytogeography
2. To provide students with skills necessary for Ecological studies

#### **Learning outcomes:**

1. Able to understand the ecological principles , interactions taking place in the Ecosystems and the flow of energy
2. Learn about the concept of phytogeography and its relations with other disciplines

### **Theory Paper –III**

#### **Bryophytes, Pteridophytes ,Gymnosperms & Paleobotany**

##### **Learning Objectives:**

1. To study the occurrence, distribution, structure and life history of bryophytes, pteridophytes and gymnosperms
2. To provide students with skills in paleobotany studies

##### **Learning outcomes:**

1. Learn the life cycles of individuals belonging to Bryophytes, Pteridophytes and Gymnosperms
2. Learn about process of fossil formation and fossils plants

### **Theory Paper –IV**

#### **Taxonomy of Angiosperms**

##### **Learning Objectives:**

1. To study the types of classifications- artificial, Natural and phylogenetic
2. To study the principles and rules of ICN and taxonomical terminology
3. To study the various plant families and their economic importance

##### **Learning Outcomes:**

1. Proficiency with the basic terminology of plant morphology
2. Able to identify the major families of plants and their economic importance
3. Understand the methods of collecting and preserving plants

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**SUBJECT: BOTANY**

**B. Sc. Second Year**

**With Effect from June 2020**



## **Theory Paper- VI**

### **Plant Anatomy**

#### **Learning Objectives:**

1. To know about the internal structure of the most evolved group of plants, the Angiosperm.
2. To study cells, tissues, meristem, epidermal and vascular tissue system in plants.
3. To acquire knowledge of tissue system, histology and growth pattern in plants.

#### **Learning outcomes:**

1. The students will be able to understand the meristem (RAM & SAM) different simple and complex tissues and secondary growth in root and stem.
2. Students will acquire knowledge of anatomy of root, stem and leaf in dicot and monocot plants.

## **Theory Paper- VII**

### **Plant Physiology and Biochemistry**

#### **Learning Objectives:**

1. To make students realize how plants function, namely the importance of water, minerals, hormones, and light in plant growth and development; understand transport mechanisms and translocation in the phloem, applications of plant physiology
2. To know the role of different plant growth regulators in plant physiology.

#### **Learning Outcomes:**

1. Students will gain the knowledge of water and nutrient uptake, movement in plants, role of mineral elements, translocation of sugars, Role of various plant growth regulators, phytochrome in plants.
2. Students will learn the flowering physiology, vernalization and seed dormancy in plants.

## **Theory Paper- VIII**

### **Plant Embryology**

#### **Learning Objectives:**

1. To study the flowering and fruiting, reproduction process, role of pollinators, ovule fertilization, Endosperm and seed development in angiosperms.

#### **Learning Outcomes:**

1. This course will be able to demonstrate foundational knowledge in embryology of plants.
2. Students will be able to understand the development of pollen, Ovule, and fertilization and palynological information.

## **Theory Paper- IX**

### **Plant Metabolism and Biotechnology**

#### **Learning Objectives:**

1. To study of different pathways in Photosynthesis , respiration , nitrogen metabolism
2. To gain the knowledge of physiological and biochemical processes in the plant system
3. To study the different role of secondary metabolites of plants.

#### **Learning Outcomes:**

1. Students will be able to understand the various metabolic processes such as photosynthesis, respiration, Nitrogen metabolism etc. which are important for life.
2. Biomolecules study will help the students to gain knowledge of protein, carbohydrate, lipid and Secondary metabolites

# Maharashtra Udayagiri Mahavidyalaya, Udgir

Dept. of Chemistry

Course Outcomes

## B.Sc. Chemistry First Year (Semester-I)

### Paper-I: Organic + Inorganic Chemistry, (CCC-I)

After completion of this course the students will be able to

1. Learn basic concept of organic chemistry, Nomenclature.
2. Get well acquainted with functional group in organic chemistry.
3. Understand the basic concepts and differences aliphatic hydrocarbons.
4. Know about term cycloalkane , cycloalkene and diene.
5. Learn and practice about organic compounds with their names.

### Paper-II: Physical + Inorganic Chemistry (CCC-I)

After completion of this course the students will be able to

1. Learning and understanding rules of logarithm, Rules of drawing graph, Derivatives, Integration, different mathematical concept and SI units, and their use in solving numerical.
2. Learning surface phenomena at heterogeneous surfaces.
3. The basic knowledge of gas phase, Kinetic molecular theory, critical phenomenon, liquefaction and molecular velocities.
4. To impart knowledge about solid phase, crystallography and some crystal structure.
5. General characteristics of s-block elements, oxides, hydroxide, carbonate & its complexes

## B.Sc. Chemistry First Year (Semester-II)

### Paper-III: Organic + Inorganic Chemistry, (CCC-II)

After completion of this course the students will be able to

1. To learn the concept of aromatic hydrocarbons, Aromaticity and antiaromaticity.
2. Understand the phenols and synthesis of phenols
3. Knows about the haloalkene and haloarenes compounds.

4. To know the concepts of carboxylic acids and their derivatives.
5. To know about the types of alcohols and reaction of epoxide.

#### **Paper-IV: Physical + Inorganic Chemistry (CCC-II)**

After completion of this course the students will be able to

1. To impart knowledge of atomic structure, different theories of atomic structure, rules of electronic configuration and quantum numbers.
2. Learning of properties of liquid phase as surface tension, Viscosity and parachor.
3. To learn the basic knowledge of colloidal state, types, preparation, properties and applications of colloidal state.
4. Learning and understanding of catalysis, types of catalysis and characteristics of catalyzed reactions.
5. Understanding the chemical bond and its different types of bonds.

### **B.Sc. Chemistry Second Year (Semester-III)**

#### **Paper-VI: Organic + Inorganic Chemistry, (CCC-III)**

After completion of this course the students will be able to

1. Learn the mechanism of name reactions.
2. Know the Synthesis, and Reactions of Aromatic Carboxylic and Sulphonic acids.
3. Know the Synthesis, and Reactions of Organometallic compounds.
4. Learn the synthesis, mechanism, applications of active methylene compounds.
5. Gathering basic knowledge of Oils, Fats, Soaps and Detergents.

#### **Paper-VII: Physical + Inorganic Chemistry, (CCC-III)**

After completion of this course the students will be able to

1. Write an expression of Davisson-Germer experiment.
2. Derive Schrodinger wave equation.
3. Understand De-Broglie's hypothesis and uncertainty principle.
4. Solve the numerical problems based on De-Broglie.
5. Understand concept of entropy.

## **B.Sc. Chemistry Second Year (Semester-IV)**

### **Paper-VIII: Organic + Inorganic Chemistry, (CCC-IV)**

After completion of this course the students will be able to

1. Learn the stereoisomerism of Chiral compounds.
2. Know the Classification, and Reactions of carbohydrates.
3. Know the Synthesis, and Reactions of Nitrogen Compounds.
4. Gathering applications of Reagents in Organic Synthesis.
5. Understand the Characteristics of d-Block Elements.

### **Paper-IX: Physical+ Inorganic Chemistry, (CCC-IV)**

After completion of this course the students will be able to

1. Know the rate constant and factors affecting rate of reactions.
2. Write an expression for rate constant (K) for first order, second order reaction.
3. Know the terms cell constant, specific conductivity, equivalent conductivity and molar conductivity.
4. Know the applications of Kohlrausch's law.
5. Compare between thermal and photochemical reactions.

## **B. Sc. Third Year: Semester-V**

### **Paper-XII: Organic & Inorganic Chemistry (DSEC-V)**

After completion of this course the students will be able to

1. Learn the mechanism of Electrophilic Substitution reaction of Heterocyclic Compounds
2. Know the characteristics, Classification and synthesis of Drugs and Dyes
3. Explaining theories of Color and chemical constitution of Dyes
4. Gathering basic knowledge of Alkaloids, Vitamins and Pesticides
5. Understand the basic principle and application of coordination complexes

### **Paper-XIII: Physical & Inorganic Chemistry (DSEC-V)**

After completion of this course the students will be able to

1. Understand the concepts of molecular Spectroscopy and its applications
2. Analyze Rotational, Vibrational and Raman, Spectra
3. Interpret the theoretical and experimental methods of chemical kinetics
4. Know the theory and application of Distribution law
5. Explain the Nomenclature, classification and application of Organometallic Compounds

### **B. Sc. Third Year: Semester-VI**

#### **Paper-XIV: Organic & Inorganic Chemistry (DSEC-VI)**

After completion of this course the students will be able to

1. To learn the basic principle and terms used in UV, IR & NMR Spectroscopy
2. Acquire the fundamental knowledge of classification and Synthesis of Amino Acid and Peptides
3. Describe the types of Rearrangement.
4. Postulates and limitations of VBT and CFT.
5. Calculation of CFSE for Tetrahedral and Octahedral Complexes.

#### **Paper-XV: Physical & Inorganic Chemistry (DSEC-VI)**

After completion of this course the students will be able to

1. Basic concepts of electrochemistry and its applications
2. Understanding the Nernst heat theorem and the Thermodynamics open system
3. Know the Vant-Hoff's Reaction Osochore and numerical on it
4. Explain the types of magnetic substances and effect of temperature on it
5. Biological role of alkali and alkaline earth metal ions

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3. To learn the basic knowledge of colloidal state, types, preparation, properties and applications of colloidal state.
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5. Understand the basic principle and application of coordination complexes

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2. Analyze Rotational, Vibrational and Raman, Spectra
3. Interpret the theoretical and experimental methods of chemical kinetics
4. Know the theory and application of Distribution law
5. Explain the Nomenclature, classification and application of Organometallic Compounds

### **B. Sc. Third Year: Semester-VI**

#### **Paper-XIV: Organic & Inorganic Chemistry (DSEC-VI)**

After completion of this course the students will be able to

1. To learn the basic principle and terms used in UV, IR & NMR Spectroscopy
2. Acquire the fundamental knowledge of classification and Synthesis of Amino Acid and Peptides
3. Describe the types of Rearrangement.
4. Postulates and limitations of VBT and CFT.
5. Calculation of CFSE for Tetrahedral and Octahedral Complexes.

#### **Paper-XV: Physical & Inorganic Chemistry (DSEC-VI)**

After completion of this course the students will be able to

1. Basic concepts of electrochemistry and its applications
2. Understanding the Nernst heat theorem and the Thermodynamics open system
3. Know the Vant-Hoff's Reaction Osochore and numerical on it
4. Explain the types of magnetic substances and effect of temperature on it
5. Biological role of alkali and alkaline earth metal ions

MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA,UDGIR

DEPARTMENT OF DAIRY SCIENCE

Course Outcomes

B.SC F.Y

Theory paper:- I

Title:- Dairy farming in India

After the successful completion of this course the students will be able to :

C.O.1- Know farming aspects in livestock so as to prepare themselves for future prospects.

C.O.2- Appreciate geographical distribution and trends in population growth.

C.O.3- Understand the role of livestock in national economy and their socio-economic aspects.

C.O.4- Learn the sanitary and hygienic conditions in animal farm.

C.O.5- Establishment of dairy farm.

## **Theory Paper-II**

### **Title:- Milk and Physiology of lactation.**

After the successful completion of this course the students will be able to :

C.O.1- Learn physiology of lactation.

C.O.2- Know milk utilization trends in India.

C.O.3- Understand the factors affecting quality and quantity of milk.

C.O.4- Differentiate between clean and safe milk.

C.O.5- Know the nutritive value of milk.

### **Paper-III**

#### **Title:- Processing technology of milk**

After the successful completion of this course the students will be able to :

C.O.1-Know procurement of milk.

C.O.2- Understand the legal standards like HACCP,FSSAI etc..

C.O.3- Know layout of milk processing plant.

C.O.4- Differentiate between good and bad metals used in dairy industry

C.O.5- Understand the dairy effluent treatment and disposal

## **Paper-IV**

### **Title- Farm Animal Health Management.**

After the successful completion of this course the students will be able to :

C.O.1- Differentiate the healthy and sick animals.

C.O.2- Understand the common terminologies used in animal treatment like ointment,tonics,lotions etc

C.O.3- Know the diseases of cow and buffalo

C.O.4- Know the diseases of sheep & goat.

C.O.5- Know the diseases of pig & poultry.

## **Course Outcomes**

**B.Sc. S.Y**

Theory paper:- VI

Title:- Dairy Animal Management

After the successful completion of this course the student will be able to:

- C.O.1- Understand economic livestock production achieved by feeding of least cost rations and balanced rations.
- C.O.2- Understand the principles of general management of dairy animals.
- C.O.3- Understand different identification marks provided to livestock.
- C.O.4- Understand summer management of buffalo.
- C.O.5- Appreciate dairy farm efficiency measures.

## **B.SC S.Y**

### **Theory paper:- VII**

#### **Title:- Technology Of Indigeous Milk Products**

After the successful completion of this course the students will be able to :

C.O.1 –Know traditional milk product represent the most prolific segment of our Indian Dairy Industry.

C.O.2- Student can work as a supervisor in a dairy plant.

C.O.3- Be a dairy consultant.

C.O.4- Start the cottage industry.

C.O.5- Know the knowledge of establishmet of small dairy industry at village Level.



## B.SC S.Y

Theory paper:- VIII

### **Title:- Sheep, Goat, Pig, And Poultry Farming**

After the successful completion of this course the students will be able to :

C.O.1- Understand goat rearing has been recommended as the best choice for the rural people in developing countries.

C.O.2- Know how India ranks first for goat genetic resources.

C.O.3- Learn that sheep are reared for a variety of purpose and can be maintained under diverse environment at condition.

C.O.4- Understand that poultry keeping can be made profitable business.

C.O.5- Establish sheep, goat, or poultry farm.

**B.SC S.Y**

**Theory paper:- IX**

**Title:-Technology Of Western Dairy Product**

After the successful completion of this course the students will be able to :

C.O.1-Understand the recent trend in Dairy Technology.

C.O.2- Know hygienic milk manufacture of western dairy products.

C.O.3- Differentiate between indigenous dairy products and western dairy products.

C.O.4- Manufacture the special milk like recombined milk, reconstituted milk.

C.O.5- Learn the nutritional value of western dairy Product.

# B.SC T.Y

## Theory Paper- XII

### **Title:- Technology of Indigeneous Dairy Products.**

After the successful completion of this course the students will be able to :

C.O.1- Know traditional milk product represent ost prolific segment of our Indian dairy industry.

C.O.2- Students can work as a supervisor in a dairy plant.

C.O.3- Be a dairy consultants.

C.O.4- Start the cottage industry.

C.O.5- Know the knowledge of establishment of small dairy industry a village level.

### Paper-XIII

Title:- Forage production,feed and feedings.

After the successful completion of this course the students will be able to :-

C.O.1- Understand livestock production achieve by feeding of least cost ration and balanced ration.

C.O.2- Cultivation and preservation of fodder crop.

C.O.3- Develop facilities for production and sale of cattle feed and fodder.

C.O.4- Understand the basic knowledge of fodder part.

C.O.5- Differentiate between local grass and cultivated fodder crop.

Paper:- XIV

Title:- Technologies of western dairy product.

After the successful completion of this course the students will be able to :-

C.O.1-Understand the recent trend in Dairy Technology.

C.O.2- Know of hygienic milk manufacture of western dairy product.

C.O.3- Differentiate between indigenous dairy product and western dairy product.

C.O.4- Manufacture the special milk like recombined milk reconstituted milk.

C.O.5- Learn the nutritional value of western dairy Product.

Paper:- XV

Title:- Sheep, Goat, Pig, And Poultry Farming

After the successful completion of this course the students will be able to :-

C.O.1- Understand goat rearing has been recommended as the best choice for the rural people in developing countries.

C.O.2- Know how Indian ranks first for goat genetic resources.

C.O.3- Learn that sheep are reared for a variety of purposes and can be maintained under diverse environments and conditions.

C.O.4- Understand that poultry rearing can be made a profitable business.

C.O.5- Establish sheep, goat, or poultry farm.

C.O.4- Manufacture special milk like recombined milk, reconstituted milk.

C.O.5- Learn the nutritional value of western dairy products.

# **Maharashtra Udayagiri Mahavidyalaya, Udgir**

## **Course Outcome**

### **B,Sc First Year Electronics: Semester - I**

#### **CCEI-A (Paper-I): Basic Electronics and Network Analysis**

##### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Identify variety of electronic components viz. resistors, inductors capacitors and their types & uses.
- CO2.** Understand I-V characteristics of basic electronic components.
- CO3.** Apply network theorems to simplify given network.
- CO4.** Distinguish between DC/AC sources, relate various characteristics of sinusoidal voltage and understand use of resonant circuits.
- CO5.** Understand transformer and principal behind its working

#### **CCEI-B (Paper-II): Basic Digital Electronics**

##### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Distinguish between analogue & digital signal/data.
- CO2.** Draw logic circuit for a given Boolean expression.
- CO3.** Analyze, transform, minimize Boolean expression & implement it.
- CO4.** Solve examples using K-map.
- CO5.** Design and analyze half adder and full adder circuits.

## **B,Sc First Year Electronics: Semester - II**

### **CCEII-A (Paper-III): Semiconductor Devices and Electronic Instruments**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Understand I-V characteristics of various semiconductor diodes.
- CO2.** Understand input/output characteristics of transistor.
- CO3.** Distinguish between unregulated & regulated power supply and its significance.
- CO4.** Design half, full and bridge rectifies and voltage regulators.
- CO5.** Demonstrate the use of multi-meter & CRO.

### **CCEII-B (Paper-IV): Digital Logic Circuits**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Distinguish between JK Flipflop & JKMS Flipflop; between T Flipflop & D Flipflop.
- CO2.** Acquire the skill of using FFs for given application such as register, counter etc.
- CO3.** Present the use of MUX, DMUX.
- CO4.** Understand the uses of ADC & DAC.
- CO5.** Convert analog signals into digital and vica-versa.



## **B,Sc. Second Year Electronics: Semester - III**

### **CCE-III A (Paper-VI): Amplifiers**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Get knowledge of transistor biasing.
- CO2.** Know analysis of small signal amplifier using h-parameters and designing of CE amplifier.
- CO3.** Know the concept of an ideal amplifier.
- CO4.** Get knowledge of IC 741 and its working.
- CO5.** Get use IC 741 in any applications.

### **CCE-III B (Paper-VII): Microprocessor and Its Applications**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Get knowledge of microprocessor based systems.
- CO2.** Get knowledge of Instruction set of 8085 and ALP skills.
- CO3.** Know working and applications of ICs 74LS373 and Intel 8255.
- CO4.** Write 8085 programs.
- CO5.** Interface LED and Switches with microprocessor.

## **B,Sc. Second Year Electronics: Semester - IV**

### **CCE-IVA (Paper-VIII): Oscillators and Multivibrators**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Understand positive and negative feedback.
- CO2.** Design and know the working of an oscillator.
- CO3.** Know the working principle and application of transistorized multivibrators.
- CO4.** Know the basics of IC 555 and applications of IC 555
- CO5.** Get knowledge of various time base circuits.

### **CCE-IVB (Paper-IX): Introduction to Microcontroller Intel 8051**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Understand internal architecture of 8051 and function of each block.
- CO2.** Get knowledge of Instruction set of 8051.
- CO3.** Write Assembly Language Programs skills.
- CO4.** Know about of SFRs, Timers.
- CO5.** Understand Interrupts of 8051.

## **B,Sc. Third Year Electronics: Semester - V**

### **Paper-XII: Communication Electronics-I**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Know basics of communication systems.
- CO2.** Know and understand the analog modulation techniques (Amplitude and Frequency).
- CO3.** Know and understand the basics of Analog pulse modulation.
- CO4.** Know the Digital pulse modulation.
- CO5.** Know the Applications of Types of Modulation.

### **Paper-XIII (B) Introduction to Microcontroller 8051**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Know the difference between a microprocessor and a microcontroller.
- CO2.** Know architecture of microcontroller 8051
- CO3.** Know the instruction set of 8051
- CO4.** Study structure of Assembly Language Program for 8051
- CO5.** Write the Assembly Language Program for 8051 by there own.

## **B,Sc. Third Year Electronics: Semester - VI**

### **Paper-XIV: Communication Electronics-II**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Study basics of Radio Receivers.
- CO2.** Understand the basics about the Microwaves.
- CO3.** Learn the RADAR systems.
- CO4.** Study the concepts in Mobile communication.
- CO5.** Understand the optical fibres and study the optical fibre communication systems.

### **Paper-XV (B) Microcontroller 8051 Programming and Interfacing**

#### **Course Outcome:**

After completion of this course students will be able to:

- CO1.** Study I/O Port programming of 8051.
- CO2.** Know Timer/Counter programming of 8051.
- CO3.** Study Serial Port programming of 8051.
- CO4.** Study interrupt programming of 8051.
- CO5.** Acquire basic knowledge of interfacing various peripheral devices to 8051.

# Maharashtra Udayagiri Mahavidyalaya, Udgir.

## Department of Mathematics

### Course Outcomes

B.A. / B.Sc.F.Y. Semester-I

(CBCS PATTERN)

CCM-1, Section-A

Paper I: Calculus-I (Differential Calculus)

**Outcomes:** After successful completion of the course student will be able to

1. Understanding concept of Limit, Continuity.
2. Expand functions in terms of infinite series.
3. Find Equation of Tangent, Normal and Length of Tangent, Normal, Sub-tangent, Sub-normal. Understanding of Mean Value Theorem concepts.
4. Understand the concept of Partial differentiation.
5. Use the results to solve problems.

B.A/B.Sc.F.Y. Semester-I

(CBCS PATTERN)

CCM-1,(Section B)

Paper II: Algebra and Trigonometry

**Outcomes:** After successful completion of the course student will be able to

1. Recognize the different types of Matrices.
2. Find the Inverse of invertible Matrices, and the Rank of a Matrix.
3. Transform matrix to Row Echelon form
4. Solve the System of Linear Equations.
5. Find the Characteristic Roots and Characteristic Vectors of a Square Matrix.

B.Sc.F.Y. Semester-II

(CBCS PATTERN)

CCM-2, Section-A

Paper III: Calculus-II (Integral Calculus)

**Outcomes:** After successful completion of the course student will be able to

1. Apply method of integration to find the integral of function.
2. Solve examples of definite integrals using Properties definite integrals.
3. Find the area and volume of given shape.
4. Understanding concept of Gamma and Beta Functions.
5. Solve problems on Multiple Integrals.

B.Sc.F.Y. Semester-II  
(CBCS PATTERN)  
CCM-2, Section-B  
Paper IV: (Geometry)

**Outcomes:** After successful completion of the course student will be able to

1. Understanding concepts on Three Dimensional Geometry.
2. Find equations of Right lines, Planes, Spheres, Cones and Cylinders, and Direction cosines of any line under the different given conditions.
3. Understand the intersection of any two or three, three dimensional geometrical figures.
4. Transform equation of line from the unsymmetrical to the symmetrical form.
5. Find the length of perpendicular from a point to a plane, and the angle of intersection of two spheres.

B.Sc.F.Y. Semester-II  
(CBCS PATTERN)  
CCMP-1, Based on CCM-1 and 2, Section-A  
(Annual pattern)  
Paper V: (PRACTICAL PAPER)

**Outcomes:** After successful completion of the course student will be able to

1. Verify associativity of matrix addition, left distributive law and right distributive law of matrices.
2. Find determinant, Eigen values, Eigen vectors, and inverse of a square matrix.
3. Find powers and characteristics polynomial of a square matrix.
4. To draw the graph of different functions with the help of MATLAB software
5. To draw the graph of different functions with the help of Freeware software's.

B.Sc.S.Y. (Semester-III)  
(CBCS PATTERN)  
CCM-3, Section-A  
Paper VI:Real Analysis-I

**Outcomes:** After successful completion of the course student will be able to

1. Understanding basic concept of sets and its properties, neighbourhood of a point, interior points of a set, openset, limit points of a set, closed set, closure of a set, and dense set.
2. Understanding basic concept of sequences, subsequences, bounds of sequences, limitpoint of sequences, general principle of convergence, different types of sequences.
3. Understanding concept of infinite series,different types of series, general principle ofconvergence
4. Use the results to solve some problems.
5. Understanding difference between different types of sequences, series and comparison tests.

B.A/B.Sc.S.Y. (Semester-III)  
(CBCS PATTERN)  
CCM-3,(Section B)  
Paper VII: Group Theory

**Outcomes:** After successful completion of the course student will be able to

1. Understand the concepts on an equivalence relation.
2. Check whether the given set, is a group with respect to given operation or not.
3. Understand the concepts on cyclic group.
4. Use Lagrange's theorem to solve the problems in number theory.
5. Find the kernel of a group homomorphism.

B.Sc.S.Y. (Semester-III)  
(CBCS PATTERN)  
CCM-3, Section-C  
Paper VIII: Ordinary Differential Equations

**Outcomes:** After successful completion of the course student will be able to

1. Understanding concept of solution of differential equations, order and degree.
2. Transform the equations into variable separable form and Transform first order non-homogeneous equation in  $x$  and  $y$  to homogeneous equation in  $x$  and  $y$  and solve it.
3. Find the solutions when the auxiliary equations are equal, different, repeated and imaginary roots.
4. Find the solution of exact differential equation, rules of finding integrating factor and solution of linear equation with variable coefficients.
5. Transform the homogeneous linear equation with constant coefficient by changing the independent variable  $x$  to  $z$ .

B.A./B.Sc.S.Y. (Semester-IV)  
(CBCS PATTERN)  
CCM-4 (Section-A)  
Paper IX: Real Analysis-II

**Outcomes:** After successful completion of the course student will be able to

1. Understanding basic concept of interval, subinterval, partitions, refinement, upper integral and lower integral and Riemann integral.
2. Acquire the idea about Riemann Integrability and Riemann Integration, understand various theorems associated with Riemann Integration
3. Develop knowledge about Riemann Integration and applies into problems
4. Understand the meaning of improper integral and Develop skill in checking the convergence of improper integral.
5. Use comparison test with a corresponding improper integral with other improper integral to decide whether improper integral converge or diverge and use the results to solve some problems.

B.Sc.S.Y. (Semester-IV)  
(CBCS PATTERN)  
CCM-4, Section-B  
Paper X: Ring Theory

**Outcomes:** After successful completion of the course student will be able to

1. Understand given algebraic structure is a Ring or not and Construct the examples of ring with known examples of ring.
2. Differentiate between zero-divisors and non zero-divisors in a given ring and Check whether given two rings are isomorphic or not.
3. Check whether given ideal of a ring is a principal ideal or not.
4. Understand the concepts on principal ideal ring
5. Understand concepts on Euclidean rings.

B.Sc.S.Y. (Semester-IV)  
(CBCS PATTERN)  
CCM-4, Section-C  
Paper XI: Partial Differential Equations

**Outcomes:** After successful completion of the course student will be able to

1. Classification of PDE.
2. Solve linear as well as nonlinear PDE of first and second order also Solve problem using boundary conditions.
3. Apply PDE techniques to predict the behavior of certain phenomena.
4. Solve real problems by identifying them approximately from the perspective of PDE.
5. Mathematical formation of real problem precisely and presentation in English.



B.Sc. T.Y. Semester-V  
DSEM-5, Section-A  
Paper XII: Metric Spaces

**Outcomes:** After successful completion of the course student will be able to

1. Understand the concepts on Metric Space, Examples of Metric Space, and Diameter of a nonempty set.
2. Understand the difference between open sets and closed sets.
3. Verify the convergence of sequences, completeness compactness and connectedness of given metric spaces.
4. Understand the concepts on
5. Use the results to solve some problems.

B.Sc. T.Y. Semester-V  
DSEM-5, Section-B  
Paper XIII: Linear Algebra.

**Outcomes:** After successful completion of the course student will be able to

1. Find dimensions of various vector spaces and by using determinant concept students can solve the linear equations in two, three unknowns.
2. Understand the concepts on Inner Product Space.
3. Find the characteristic roots of linear transformation.
4. Use the results to solve some problems.
5. Write a matrix associated with a given linear transformation on a finite dimensional vector space.

B.Sc. T.Y. Semester-V  
DSEM-5, Section-C  
Paper XIV (C): Complex Analysis

**Outcomes:** After successful completion of the course student will be able to

1. Check the continuity of functions of complex variable.
2. Check the Analyticity of functions of complex variable.
3. Find the logarithm of negative numbers.
4. Find the complex power of complex number.
5. Use the results to solve some problems.

B.Sc. T.Y. Semester-VI  
DSEM-6, Section A  
Paper XV: Numerical Analysis

**Outcomes:** After successful completion of the course student will be able to

1. Find the missing term in the given data.
2. Obtain the derivative of a function at a point using the values of the given function.
3. Obtain Numerical solutions of differential equations by using numerical techniques.
4. Obtain Numerical solutions of integral by using numerical techniques.
5. Use the results to solve some problems.

B.Sc. T.Y. Semester-VI  
DSEM-6, Section-B  
Paper XVI: Integral Transforms

**Outcomes:** After successful completion of the course student will be able to

1. Find the Integrals of given function.
2. Solve Simultaneous Differential Equations by Laplace Transforms.
3. Solve differential equations using Laplace Transformations.
4. Understand the concepts on Fourier Transforms.
5. Use the results to solve some problems.

B.Sc. T.Y. Semester-VI  
DSEM-6, Section-C  
Paper XVII (C): Elementary Number Theory

**Outcomes:** After successful completion of the course student will be able to

1. Understand the evolution of number theory.
2. To prove the mathematical statements using mathematical induction.
3. Solve Diophantine equations.
4. Check whether the given number is prime or not.
5. Solve problems using the Chinese Remainder Theorem.

# Department of Microbiology

## Course Outcome

Class: B. Sc. F. Y. Microbiology

### **Paper-I. Introductory Microbiology.**

After completion of this course, the students will be able to-

- i) Understand basic concepts and scope of microbiology.
- ii) Understand basic information about microorganisms.
- iii) Understand historical developments in microbiology.
- iv) Know the information about taxonomy of microorganisms.
- v) Distinguish between prokaryotes and eukaryotes.

### **Paper-II. Fundamentals of Microbiology.**

After completion of this course, the students will be able to-

- i) Get deep knowledge of bioinstrumentation.
- ii) Understand ultra structure of bacterial cell.
- iii) Adopt sterilization techniques.
- iv) Get knowledge of microbial nutrition.
- v) Adopt technique of fumigation of rooms and operation theatres.

### **Paper-III. Basic Microbiology and Biomolecules.**

After completion of this course, the students will be able to-

- i) Develop the staining techniques of bacteria.
- ii) Get knowledge of animal viruses, plant viruses and bacteriophages.

- iii) Understand the chemistry of lipids and carbohydrates.
- iv) Understand the structure and function of nucleic acids and proteins.
- v) Classify viruses.

#### **Paper-IV. Microbial Physiology**

After completion of this course, the students will be able to-

- i) Know the mechanisms of nutrient absorption in microorganisms.
- ii) Understand techniques of bacterial cultivation and maintenance.
- iii) Know pure culture techniques.
- iv) Get knowledge of microbial reproduction and growth.
- v) Understand mechanism of bacterial sporulation.

#### **Paper-V Practicals.**

After completion of this course, the students will be able to-

- i) Develop the skill of interest in practical Microbiology.
- ii) Know the applications and operation of instruments in microbiology laboratories.
- iii) Become perfect in skills of staining techniques.
- iv) Become perfect in skills of preparation of laboratory media.
- v) Become perfect in qualitative analysis of carbohydrates, proteins and nucleic acids.

## **Class: B. Sc. S. Y. Microbiology**

### **Paper-VI: Applied Microbiology**

After completion of this course, the students will be able to-

- i) Able to know microbial aspects of air related to human, animal and plant health and their environment.
- ii) Develop the skill of microbiological analysis of water and control water-borne diseases.
- iii) Able to contribute in control of environmental pollution.
- iv) Able to adopt a scientific skill in sewage and effluent treatment.
- v) Understand the role of microorganisms in production of fermented foods.
- vi) Develop the skill of microbiological analysis of milk.

### **Paper -VII: Immunology**

After completion of this course, the students will be able to-

- i) Understand the basic components of the immune system and how this system serves to protect the host against disease-causing microbes.
- ii) Know conceptual basis for understanding pathogenic microorganisms and the mechanisms by which they cause infection leading to infectious disease in the human body.
- iii) Understand the overall organization of the immune system, its functioning and differentiate different type of immune responses to different pathogens.
- iv) Understand the salient features of antigen antibody reaction and its uses in diagnostics and various other studies.
- v) Understand the destructive nature of immunity and its mechanism in a human individual i.e. allergic reactions.

### **Paper- VIII. Food, Soil Microbiology and Microbial Ecology**

After completion of this course, the students will be able to-

- i) Develop the skill of production of food products.
- ii) Understand and explain the action of microorganisms that inhibit, create, or contaminate food.
- iii) Understand the knowledge of metabolic events to enhance soil fertility.
- iv) Develop the skill of using microorganisms in production of Biofertilizers and Biological control agents.
- v) Illustrate and apply role of soil microorganisms in plant growth and plant exudates, root metabolism, and understand development of healthy soil structure.

### **Paper-IX: Medical Microbiology**

After completion of this course, the students will be able to-

- i) Acquire a good understanding of bacterial infections caused to intestine and skin.
- ii) Understand practical aspects of collection of different clinical samples, their transport, culture and examination by staining.
- iii) Acquire a good understanding of bacterial diseases of throat, lungs and sex organs.
- iv) Acquire a sound understanding of viral diseases and preventive measures by the use of antibiotics and vaccines.
- v) Know the drastic effect of allergic reactions.

### **Paper-X: Practical (Based on theory papers VI and VIII)**

After completion of this course, the students will be able to-

- i) Acquire a good technique of microbiological analysis of air.
- ii) Acquire a good technique of microbiological analysis drinking water.
- iii) A thorough knowledge of agrochemical reactions improving soil fertility.
- iv) A practical knowledge of examination of food samples.
- v) A practical knowledge of isolation techniques of nitrogen fixing bacteria.

### **Paper-XI: Practical (Based on theory papers VII and IX)**

After completion of this course, the students will be able to-

- i) Develop the skill of medical laboratory technology.
- ii) Understand the knowledge of medical microbiology.
- iii) Get practically trained in the field of microbiology.
- iv) Study bacterial flora of skin by swab method.
- v) Get practically trained for doing antibiotic sensitivity tests.

### **Class: B. Sc. T. Y. Microbiology**

### **Paper-XII: Microbial Genetics**

After completion of this course, the students will be able to-

- i) Understand the knowledge of microbial genetics.
- ii) Gene-Protein relation
- iii) Understand molecular recombinations in bacteria
- iv) Understand the mechanism of DNA replication
- v) Understand the mechanism of genetic exchange in bacteria

### **Paper-XIIIA: Microbial Metabolism & Paper-XIIIB: Nitrogen Metabolism**

After completion of this course, the students will be able to-

- i) Understand the knowledge of microbial metabolism.
- ii) Understand the role of enzymes in microbial metabolism.
- iii) Know biochemical mechanism of different metabolic processes.
- iv) Know mechanisms of energy transformations in microorganisms.

- v) To adopt skills in fermentative production of valuable products.

### **Paper-XIV: Molecular Biology**

After completion of this course, the students will be able to-

- i) Understand the mechanisms of gene expression.
- ii) Understand the protein synthesis process.
- iii) Understand the mechanisms of DNA repair
- iv) Adopt the metabolic regulation processes
- v) Get basic knowledge of genetic engineering technology and its applications.

### **Paper-XVA: Industrial Microbiology**

- i) Adopt the scientific and engineering skills for the use of microorganisms in commercial production of valuable products.
- ii) Understand the knowledge of operation and working of fermentor.
- iii) Develop the skill of production of dairy products.
- iv) Adopt the skills of industrial production of valuable products by microorganisms.
- v) Get knowledge of industrial downstream processes.

### **Paper-XVB: Pharmaceutical Microbiology**

After completion of this course, the students will be able to-

- i) Understand the knowledge of pharmaceutical microbiology.
- ii) Adopt the scientific skills in medical laboratory technology.
- iii) Develop good manufacturing practices (GMP).
- iv) Develop safety techniques
- v) To get the skill of production of pharmaceutical products in industries.



## **Practical P-XVI**

After completion of this course, the students will be able to-

- i) Develop the skill of using microorganisms for processing of material.
- ii) Get basic knowledge of agarose gel electrophoresis.
- iii) Adopt the skill of extraction and purification of DNA and RNA.
- iv) Get basic knowledge of DNA repair mechanisms.
- v) Determine MIC and LD50 of antibiotics.

## **Practical P-XVII**

After completion of this course, the students will be able to-

- i) Skill of fermentative production of enzymes.
- ii) Adopt the scientific and engineering skills for the use of microorganisms for enzyme production.
- iii) Apply this knowledge for carrier orientation.
- iv) Apply this knowledge for production of various useful end products on large scale.
- v) Develop the skill of production of pharmaceutical products.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. First Year (Semester - I)**

**Paper - I**

**(Mechanics and Properties of Matter)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the basic concept power, work, energy.

CO2: Learn Newton's Law and Kepler's law of planetary motion.

CO3: Apply the concept of Surface tension and Viscosity to various physical quantities.

CO4: Solve the problems related to Elasticity.

CO5: Understand the concept of cantilever and bending of beam

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. First Year (Semester - I)**

**Paper - II**

**(Mathematical Methods in Physics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: To develop expertise in mathematical methods required in the study of physics and applied physics to develop critical thinking and problem solving skill

CO2: Solve the problems of complex variable and understand their graphical nature

CO3: Apply the concept of vectors and complex variables to various physical quantities

CO4: Solve the problems related to partial differentiation

CO5: Analyse the periodic functions and demonstrate their usage

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. First Year (Semester - II)**

**Paper - III**

**(Heat and Thermodynamics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the role of Thermodynamics in everyday life.

CO2: Learn the Transport Phenomenon in gases.

CO3: Learn the measurement of Temperature using Thermometers.

CO4: Learn the thermal conductivity of gases on daily home appliance

CO5: Understand the Joule Thomson porous Plug experiment, Andrew's experiment on CO<sub>2</sub>.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Second Year (Semester - II)**

**Paper - IV**

**(Electricity and Magnetism)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the role of electricity in everyday life

CO2: Learn the method of electric field and magnetic field generation

CO3: Learn the measurement of very small current

CO4: Learn the induction effect on daily home appliance

CO5: Understand the basic difference between the DC and AC circuits and their functioning

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Second Year (Semester - III)**

**Paper - VI**

**(Waves and Oscillations)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the concept of Stationary waves.

CO2: Understand the concept of Free and Forced vibrations and their applications.

CO3: Understand how to determine reverberation time using Sabine's formula.

CO4: Understand how the ultrasonic waves are generated using piezoelectric and magnetostriction oscillators.

CO5: Learn how to design good auditorium.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**  
**Department of Physics**  
**B. Sc. Second Year (Semester - III)**  
**Paper - VII**  
**(Statistical Physics, Electromagnetics and Theory of Relativity)**  
**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the concept of macroscopic world using statistical approaches

CO2: Understand the concept of MB, BE and FD statistical physics and their applications to photon and electron gases

CO3: Understand the concept of electromagnetism, Maxwell's equations and their applications to electromagnetic waves

CO4: Understand the concept of theory of relativity and their postulates

CO5: Learn the transformation equations and apply to obtain relativistic relations and mass-energy relation.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Second Year (Semester - IV)**

**Paper - VIII**

**(Optics and Lasers)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Learn how circular rings were generated in Newton's rings and Michelson Interferometer.

CO2: Learn the difference between interference and diffraction.

CO3: Learn how diffraction pattern were generated in prism and grating.

CO4: Learn the concept of optical activity and specific rotation.

CO5: Learn the properties and applications of Lasers.



**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Second Year (Semester - IV)**

**Paper - IX**

**(Basic Electronics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Identify and understand construction and properties of different types of P-N junction diodes

CO2: Apply the knowledge of semiconductor devices to use them in different combinations to see their applications as amplifiers and oscillators

CO3: Design different transistor circuits using semiconductor devices and demonstrate their usage

CO4: Design the amplifier circuits and demonstrate their usage

CO5: Design the sinusoidal oscillatory circuits and demonstrate their usage

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Third Year (Semester - V)**

**Paper - XII**

**(Quantum Mechanics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the fundamental knowledge of Photoelectric effect and Compton Effect.

CO2: Understand the difference between Schrodingers Time dependent and independent form equation.

CO3: Understand the applications of quantum mechanics.

CO4: Understand the concept of particle in one dimensional and three dimensional box.

CO5: Understand the concept of Quantum numbers.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Third Year (Semester - V)**

**Paper - XIII A**

**(Solid State Physics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the fundamental knowledge of the crystallography, principles behind the formation of matter, their structure and physical properties

CO2: Understand the relationship between the internal structure and various properties of matter

CO3: Understand the structure and bonding in solids, making these solids an attractive material for the device applications

CO4: Measure the amount to require to rise the unit mass of substance through rise the unit temperature

CO5: Classify the materials in different classes based on their physical, thermal, electrical, and magnetic properties

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Third Year (Semester - VI)**

**Paper - XIV**

**(Atomic, Molecular and Nuclear Physics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the concept of Zeeman effect and Stark effect.

CO2: Understand the regions of electromagnetic spectra.

CO3: Understand the difference between Nuclear fission and Fusion.

CO4: Able to learn the experimental study of Raman effect.

CO5: Understand the concept of controlled and uncontrolled thermonuclear reactions.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of Physics**

**B. Sc. Third Year (Semester - VI)**

**Paper - XV A**

**(Digital and Communication Electronics)**

**Course Outcomes**

After successfully completing the course the students will be able to:

CO1: Understand the importance and inter-convertibility of various number systems and their uses in digital systems

CO2: Design the logic gates and demonstrate their usage

CO3: Design the circuit using Boolean expression

CO4: Able to learn the process signal transmission and receiver

CO5: Understand the working method of communication systems

# *MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA, UDGIR*

## *Department of Zoology*

*B.Sc.F.Y.*

### Course Outcomes:-

After successfully completing the course the students will be able to:

#### **Paper No.I- (Biodiversity of Non-Chordata)**

- 1) The student will be able to identify given invertebrate animals
- 2) Ability to understand the contribution of invertebrates in the biodiversity index of any given habitat.
- 3) Ability to understand and appreciate the ecological economic importance of invertebrates and vertebrates.
- 4) To identify and describe external morphological of invertebrates
- 5) To identify anatomical features of representative species.

#### **Paper-II( Biodiversity of Chordates )**

- 1) The student will identify and understand the Biodiversity of Chordates.
- 2) Ability to understand anatomical relation between different vertebrate classes.
- 3) The learner will be able to understand the economic importance of Chordates.
- 4) To study the different types of enzymes
- 5) To study and understand classification of carbohydrates, proteins and lipids.

#### **Paper-III( Comparative Anatomy of Vertebrates )**

- 1) The Student will be able to identify and understand comparatives anatomical structure of vertebrate organ systems.
- 2) The learner will be able to understand the evolution of various organs and systems in the vertebrate body according to its environment.
- 3) Understand the plasticity of organ systems to adapt to the environment and require different novel forms.
- 4) To understand the different comparative anatomy of different organs
- 5) To identify the structure of different bones.

#### **Paper-IV( Developmental Biology of Vertebrates )**

- 1) The student will be able to explain the basics processes of vertebrate embryonic development.
- 2) Ability to describe the various steps in vertebrate development.
- 3) Identify and explain about the different embryonic structures.
- 4) Describe the functions of different extra embryonic structures.
- 5) Understanding of the Assisted Reproductive Technologies.

# *MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA, UDGIR*

## *Department of Zoology*

*B.Sc.S.Y.*

### Course Outcomes:-

After successfully completing the course the students will be able to:

#### **Paper No.VI- (Physiology)**

- 1) To understand type and functions of circulatory system.
- 2) Learn structure and functions of endocrine glands.
- 3) Understand the structure, development and function of reproductive organs
- 4) Monitor blood pressure and identify blood group in human.
- 5) Acquire knowledge of the nature and function of hormones.

#### **Paper No. VII – Biochemistry**

- 1) Understand the chemical structure o biomolecules.
- 2) Understand the functions of biomolecules
- 3) Learn the signaling of biomolecules in cell membrane
- 4) Understand the nature and classification of enzymes.
- 5) Understand the correlation between metabolism of different types of biomolecules

#### **Paper VIII SEM – IV - Cell biology and Genetics**

- 1) Understand the structure of the cell.
- 2) Understand the function of functions of the cell.
- 3) Understand different cell organelles.
- 4) Acquire knowledge of Genetics
- 5) Study of different genetical disorders.

#### **Paper IX – Evolutionary biology and Genetic engineering**

- 1) Understand the recombinant and Genetic Engineering
- 2) Understand the organization and functions of genetic material
- 3) Understand the pattern of evolutionary changes.
- 4) Learn the process of evolution
- 5) Understand the different evolutionary theories.

# *MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA, UDGIR*

## *Department of Zoology*

*B.Sc.T.Y.*

### Course Outcomes:-

After successfully completing the course the students will be able to:

#### **Paper No.XII- (Ecology and Zoogeography)**

- 1) To understand and appreciate the interaction of organisms with their environments.
- 2) To be aware of the current environmental issue with an understanding of the basic ecological concepts involved.
- 3) To study the local and geographic distribution of animals
- 4) To study the structural adaptation of organisms
- 5) To study the conservation and management of natural resources

#### **Paper XIII – (Pisciculture)**

- 1) To exchange and circulate information ideas and practical experience of fisheries.
- 2) To circulate information and management of fisheries
- 3) To enable students with fishery specific Knowledge for P.G. courses of fishery
- 4) To provide economic boost
- 5) To provide knowledge about aquarium fishes

#### **Paper XIV – (Ethology, Biometry and Bioinformatics)**

- 1) To study the behavior of different organisms
- 2) To understand the concept of biometry
- 3) To give students an introduction to the basic practical techniques of bioinformatics
- 4) To knowledge about the use of internet application
- 5) To emphasize the application of bioinformatics.

#### **Paper XV – (Aquaculture)**

- 1) To introduce students to various types of aquaculture
- 2) To obtain knowledge of fishery science and their management
- 3) To elaborate the role of larvivorous fishes in relation to public health
- 4) To create awareness about man-made hazards to aquaculture
- 5) To provide knowledge construction and operation of fish farm



**Maharashtra Udayagiri Mahavidyalaya, Udgir**  
**Department of Economics**  
**Course Outcomes**

Class	Paper Title and No.	Course Outcomes After completion of the course the students will be able .....
BAFY Semester I & II	Micro Economics – I & III	1. To understand basic definitions and concepts of Economics.
		2. To study the nature and scope of Economics
		3. To study the demand and supply analysis.
		4. To make the comparative analysis of cardinal and ordinal utility approach
		5. To tackle the current economic problems
BAFY Semester I & II	Statistical Methods – II & IV	1. Prepare themselves to understand the statistical methods.
		2. Study technical papers like Quantitative Technique, Mathematical Economics and Econometrics
		3. Understanding of the basic concepts of data interpretation with the help of Statistics will be generated.
		4. Students will able to understand basic statistical tools of data analysis.
		5. This course is useful for the students to get job where the data analysis is comprehensively used.
BASYS Semester III & IV	Macro Economics – V & VII	1. To prepare the students to understand the basic introductory principles of macroeconomic theory.
		2. To help students to understand the basic analytic framework and models of macroeconomics in a gradual manner.
		3. To equip students to analyses the real world economic issues in a rational manner.
		4. To understand and comment upon real economic issues like inflation, money supply, GDP and their inter linkages
		5. To understand national macro economic framework
BASYS Semester III & IV	Quantitative Techniques – VI & VIII	1. To apply quantitative skill to real economic problems.
		2. To study the rank correlation coefficient and apply practically.
		3. To study the various techniques in statistics.
		4. To study the mathematical techniques in the competitive exams.
		5. To study for the increase of the numerical efficiency among the student.
BATY Semester V & VI	Quantitative Techniques – (DSE- I & II) IX & XI	1. To apply quantitative skill to real economic problems.
		2. To study the rank correlation coefficient and apply practically.
		3. To use quantitative techniques in research
		4. To appear various competitive exams related to statistics
		5. Understand and analyse the data published by various sources
BATY Semester V & VI	Indian Economy (GE- I & II) X & XII	1. To expand their knowledge about Indian Economy.
		2. To know more about opportunities offered by Indian Economy.
		3. To know more about challenges of Indian Economy.
		4. To assess economic policies of Indian economy.
		5. To suggest various measures to policy makers for solution of economic problems.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**Programme Outcomes: BA English**

**After successfully completing B.A. English Programme, the students will be able to:**

**PO1**

- **Get the basic knowledge of English language**
- **Effectively develop oral and written communication skills in English**
- **Enjoy good works of literature**
- **Appreciate and analyze all forms of literature**
- **Confidently use the English language to present himself everywhere**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**First Year BA/B.Com/B.Sc**

**AECC: English Communication**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Draft CV and letter of application**

**CO2: Write News report and event report**

**CO3: Acquire ways of expressing themselves in English**

**CO4: Enrich their vocabulary through close reading of literary texts**

**CO5: Enjoy and appreciate literary pieces in the form of poems and prose**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**Additional English FY BA/BCom/BSC**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Enjoy the finest English short stories**

**CO2: Comprehend the writings of literary masters**

**CO3: Enrich the basic language skills**

**CO4: Avoid common errors in the use of English**

**CO5: Evaluate short story as a genre**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**BA First Year Optional English-**

**Understanding Prose Fiction-I**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Know the basics of prose-fiction in English**

**CO2: Develop the skills of analysis and interpretation of stories and novels**

**CO3: Acquaint themselves with the art of fiction writing**

**CO4: Comprehend various elements of fiction**

**CO5: Acquire reading skills**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**BA First Year Optional English-**

**Understanding Poetry in English-II**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Recall the basics of poetry as a literary form**

**CO2: Identify various elements of poetry**

**CO3: Critically appreciate a poem**

**CO4: Recognize various literary devices**

**CO5: Acquaint themselves with the art of poetry**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**BA First Year Optional English-**

**Understanding Non-Fictional Prose in English-Paper III**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Know the basics of prose-fiction in English**

**CO2: Develop the skills of analysis and interpretation of stories and novels**

**CO3: Acquaint themselves with the art of fiction writing**

**CO4: Comprehend various elements of fiction**

**CO5: Acquire reading skills**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**BA First Year Optional English-**

**Understanding Drama in English-Paper IV**

**Course Outcomes:**

**After successfully completing the course the students will be able to:**

**CO1: Define drama as a genre of literature**

**CO2: Interpret and analyze the dramatic devices through the prescribed texts**

**CO3: Evaluate the different characters in the play**

**CO4: Understand the theory of stage performances through the plays**

**CO5: Compare and contrast drama with other forms of literature**



Maharashtra Udayagiri Mahavidyalaya, Udgir  
Department of Geography  
Course Outcome -UG

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Class: **BAFY/ Sem.-I**

Paper I: **An Introduction to Physical Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know basic concepts of physical geography
2. Know the development of various branches physical geography
3. Familiar with the formation and nature of solar system
4. Know the formation of continents and Oceans
5. Acquire the idea of rotation and revolution of the earth and its impact

Class: **BAFY/ Sem.-I**

Paper II: **An Introduction to Human Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know basic concepts of Human Geography and its various branches
2. Know evolution of human race and its classification
3. Know the different races of the world and respect them for peaceful coexistence
4. Know the skills human adaptation to nature
5. Understand man environment relationship

Class: **BAFY/ Sem.-I**

Paper III: **Practical Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know types of maps, scales, relief and landforms Utility
2. Develop skills to decipher landforms using contours
3. Develop skills to convert the scales
4. Develop abilities to interpret the toposheets
5. Know how to calculate time using longitudes

**Class: BAFY/ Sem.-II**

**Paper IV: Geomorphology**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the interior of the earth and rocks
2. Know endogenic and exogenic forces and their resultant landforms
3. Know the evolutionary process of landforms
4. Develop skills to identify the landforms and their agents
5. Know the types of rocks and weathering

**Class: BAFY/ Sem.-II**

**Paper V: Population Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the dynamics of population geography
2. Understand the factors affecting on growth and distribution of population
3. Know the phases of transition of population growth
4. Know the structure and composition of population
5. Assess the impact of population explosion

**Class: BAFY/ Sem.-II**

**Paper VI: Practical Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Understand types of population density
2. Develop the skills to interpret population density
3. Project, analyze and plan the population growth
4. Use representation tools to interpret the population data

Class: **BASY/ Sem.-III**

Paper VII: **Climatology**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the climate and its various components and their dynamics.
2. Know the climate since the formation of the earth and changes those have occurred
3. Know climate change and its impact on the globe
4. Understand climatic regions of the world
5. Understand Global Warming, Ozone Depletion

Class: **BASY/ Sem.-III**

Paper VIII: **Economic Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the basic concepts of Economic Geography and its braches
2. Know the significance of study of Economic Geography
3. Know the types of agriculture and factors affecting on them
4. Describe the distribution of resources and industries,
5. Assert the role of transportation and trade in the economic development

Class: **BASY/ Sem.-III**

Paper XI: **Practical Geography**

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Understand different types of climatic data
2. Develop the skills of presentation and interpretation climatic data
3. Analyze climatic variations through the study of Indian Daily Weather Reports
4. Acquaint with Weather Instrument and their uses
5. Develop the skill of presenting meteorological data with the help of graphs and figures

Class: **BASY/ Sem.-III**

Paper SEC-I: Tourism Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the various aspects of tourism and tourists.
2. Learn the skills of arrangement and organization of tours.
3. Study the behavioural aspects of tourists in tourist places.

Class: **BASY/ Sem.-IV**

Paper X: Oceanography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the nature and significance of study of Oceanography
2. Understand the properties and dynamics of ocean water
3. Assess the importance of Ocean Currents in global temperature stability
4. Have the knowledge of ocean resources.
5. Know the types of oceanic currents and their distribution.

Class: **BASY/ Sem.-IV**

Paper XI: Settlement Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of Settlement Geography
2. Understand the process of evolution settlements
3. Assess the factors governing of rural and urban settlement
4. Describe the factors affecting on shapes and patterns of settlements
5. Know the process of Urbanization and its impact

Class: **BASY/ Sem.-IV**

Paper XII: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Acquire the skills of representation of geographical data
2. Learn data collection tabulation of geographical data
3. Develop the technique of representation and interpretation of geographical data

Class: **BASY/ Sem.-IV**

Paper SEC-II: Soil Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know formation, types, and properties of soil
2. Know the types of soils, their formation, and fertility levels
3. Have the knowledge of physical and chemical composition of soil.

Class: **BATY/ Sem.-V**

Paper XIII: Development of Geographical Thought Part-I

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the development of geographical thoughts from ancient to modern times
2. Know the development of various branches of human and physical geography
3. Know the steps of formulation of hypothesis, theories and models
4. Know the contribution of geographers to the field of research and planning
5. Appreciate the diversity of the subject and its contribution to human and physical geography

Class: **BATY/ Sem.-V**

Paper XIV: Geography of India Part-I

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the location and physical settings of India
2. Understand the significance of unity in the diversity
3. Acquaint the regional knowledge of India
4. Appreciate the regional diversity and to develop acclimatization skills
5. Make judicious and optimum use of natural resources

Class: **BATY/ Sem.-V**

Paper XV: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Have the knowledge of making of Projections
2. Know the characteristics and uses of different projections
3. Know the use of statistics in geography
4. Know the basic skills of surveying
5. Know the use computer and GIS in geographical studies

Class: **BATY/ Sem.-V**

Paper SEC-III: An Introduction to Research Methodology

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the basics of research methodology
2. Do data collection, analysis and interpretation
3. Study the subjects in a systematic and scientific way

Class: **BATY/ Sem.-VI**

Paper XVI: Development of Geographical Thought Part-II

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the development of geographical thoughts from ancient to modern times
2. Know the development of various branches of human and physical geography
3. Know the steps of formulation of hypothesis, theories and models
4. Know the contribution of geographers to the field of research and planning
5. Make use of models to the know real world phenomenon

Class: **BATY/ Sem.-VI**

Paper XVII: Geography of India Part-II

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the location and physical settings of India
2. Understand agricultural revolution and its impact on agriculture
3. Know the Industrial regions and Indian Economy
4. Know the growth of Urbanization and its problems and planning
5. Know the contemporary issues in India

Class: **BATY/ Sem.-VI**

## Paper XVIII: Practical Geography

### **Course Outcome**

After the successful completion of this course the students will be able to:

1. Have the knowledge of making of Projections
2. Know the characteristics and uses of different projections
3. Know the use of statistics in geography
4. Know the basic skills of surveying, data collection and report writing
5. Know the use computer and GIS in geographical studies

Class: **BATY/ Sem.-VI**

Paper SEC-IV: Interpretation of Aerial Photograph and Satellite Imagery

### **Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the basics of Aerial Photography and Remote Sensing
2. Develop the skills of interpretation of aerial photographs and satellite imageries
3. Know the types of satellites and Sensors

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| kfgR; Hkkj rh

उद्देश्य:

- 1- द्वितीय भाषा के रूप में छात्रों को हिंदी भाषा और साहित्य का  
| kekl; i fjp; nsukA
- 2- dkyku; i dgkuh vkj dk0; ea vk; s ifjorū dks | e>ukA
- 3- कहानी और काव्य के माध्यम से छात्रों को परिष्कृत करना।
- 4- Nk=ka dks fgnh ds 0; ogkfj d Kku | s voxr djukA
- 5- हिंदी भाषा के प्रति छात्रों में रुचि उत्पन्न करना।
- 6- jpukvka ea 0; Dr | eL; kvka ds | ek/kku ds fy, Nk=ka dks ifjr dj  
ufrd ea; ka dks LFkffi r djukA

egRo %

साहित्य जीवन का पथदर्शक है। वह मनुष्य के जीवन में सकारात्मक और रचनात्मक परिवर्तन लाने की क्षमता रखता है। इस दृष्टि से सामान्य हिंदी का v/; ; u dj fofo/k | क्रायों में पढ रहे छात्रों में हिंदी भाषा के प्रति रुचि उत्पन्न gkrh gA mlga 0; kogkfj d fgnh dk Kku | klr gkrk gA bruk gh ugh arks fgnh कहानियाँ और कविताएँ उनके मन मस्तिष्क को परिष्कृत करने में सहायता करती gA mu | eL; kvka ds | ek/kku ds fy, iz; kl jr jgrs gA

ch-, -प्रथम वर्ष ऐच्छिक हिंदी— कथा साहित्य

उद्देश्य:

- 1- fgnh | kfgR; dh dgkuh vkj mi U; kl fo/kk | s Nk=ka dks ifjpr djukA
- 2- कथा साहित्य की लेखन शैली से परिचित कराना।
- 3- कथा साहित्य के माध्यम से छात्रों की चिंतन तथा लेखन कौशल की क्षमता  
dks fodfl r djukA
- 4- fofo/k | k=ka dh ekufi drk , oa fdz; k dyki ka | s Nk=ka ea | gh vkj xyr  
dks ij [kus dh {kerk fodfl r djukA



5- dFkk I kfgR; ds ek/; e I s Nk=k dks fofo/k I eL; kvk I s voxr dj mu I eL; kvk ds I ek/kku ds fy, mUg i fjr dj ukA

egRo %

मनुष्य के जीवन में कथाओं की परंपरा का महत्वपूर्ण स्थान रहा है। आज हिंदी dFkk I kfgR; e कहानी और उपन्यास विधा मनुष्य की बौद्धिक तथा माufI d क्षमता को परिष्कृत कर उन्हें समाज एवं राष्ट्रहित की ओर प्रेरित करने में महत्वपूर्ण भूमिका निभा रही है। युवा शक्ति को राष्ट्र विकास के लिए महत्वपूर्ण ekuk tkrk gA vr% dgkuh vkj miU; kl ds v/; ; u I s , d vkj Nk=k dks रचनाकारों की लेखन शैली का ज्ञान होता हs rks nll jh vkj dFkk I kfgR; es of. kr fofo/k I eL; kvk dh tkudkjh feyrh gS vkj mu I eL; kvk ds I ek/kku के लिए एक निश्चित दिशा मिलती है। कथा साहित्य छात्रों को नैतिक मूल्यों की j {kk dj mUg i p fjr dj us ds fy, i fjr dj rk gA bruk gh ugha rks muea mfpr vufpr dks ij [kus dh {kerk fuekz. k dj rk gA

ch-, -प्रथम वर्ष ऐच्छिक हिंदी— नाटक तथा एकांकी

उद्देश्य:

- 1- ukVd vkj , dkadh fo/kk I s i f fpr dj kuka
- 2- ukVd ds i fr Nk=k e : fp mRi lu dj kuka
- 3- संवाद लेखन—वाचन कौशल का विकास करना।
- 4- j xep I s I cf/kr tkudkjh Nk=k dks nsuka
- 5- अभिनय के प्रति आकर्षण निर्माण करना।

egRo%

ukVd vkj , dkadh n d&JK0; ek/; e dh vR; r i kphu I kfgR; fo/kk gA ftI e Hkko&Hkkouk vkj fopkj k dk i fri knu ik=k fHku; Onkj k gkrk gA bl fo/kk us dbz egRo i k l , s frgkfl d तथ्य और युगपुरुषों की जीवनियों को युगानुरूप प्रस्तुत किया है। दृक—श्राव्य विधा होने के कारण दर्शकों को j I ku fkr fnyku e I gk; rk dj rh gA Hkkj r n r Fkk muds I edkyhu ukVddkj k us yk dpruk ds fodkl ds fy, ukVd vkj , dkf d; k dk fuekz. k fd; kA I kekजिक समस्याओं की अभिव्यक्ति करने का एक सशक्त और प्रभावी

ek/; e ukVd vkj , dkdh gA buds v/; ; u l s eukj atu ds l kFk vfHku; vkj  
ys[ku ds {ks= ea jkstxkj dh mi yfC/k Hkh gkrh gA

ch-, -]ch-dkWe-]ch-, l l h- **द्वितीय वर्ष द्वितीय भाषा हिंदी**

dFkrj x |

**उद्देश्य:**

1-द्वितीय भाषा के रूप में छात्रों को हिंदी कथेतर गद्य का सामान्य परिचय देना।

2- fgnh l kfgR; ds ifr Nk=ka ea : fp txkuk

3- i =]0; x]ys[k]Mk; j h]l xks/ku vkfn fo/kkVka ea fy[kus ds fy, i fjr dj ukA

4-i z; kstuey d fgnh dk i fjp; dj kukA

5-fofHkUu ekckbZy vW ds Onkj k jkstxkj ds vol j ka l s i fjp; nsukA

ch-, -द्वितीय वर्ष ऐच्छिक हिंदी— मध्ययुगीन काव्य

**उद्देश्य:**

1- Nk=ka dks e/; ; xhu dk0; ] i fj fLFkr; k]i xfr; ka l s i fj fpr dj ukA

2- छात्रों को संतों के उपदेश,उनकी नैतिकता,आचरण आदि का परिचय देना।

3- dfork ds ek/; e l s Hkkoka की अभिव्यक्ति होती है,कविता कांतासम्मीत उपदेश  
Hkh djr h g] bl vk/kkj ij thou vkj dfork dk l xC/k fn[kkukA

4- dfork ea xkj ea l xj Hkj us dh {kerk gkrh gS bl vk/kkj ij Nk=ka ea  
भाषा ज्ञान देनाA

5- vfHk0; fDr i {k ea fu[kkj ykukA

ch-, -f0nrh; वर्ष ऐच्छिक हिंदी— fuc/k rFkk dFkrj x |

**उद्देश्य:**

1- Nk=ka dks fuc/k l s i fj fpr dj kukA

2- Nk=ka dks fuc/k ds fofHkUu i/nfr; ka dk i fjp; dj kukA

3- छात्रों में चिंतन,मनन करते हुए सृजनशील बनाना।

4- fuc/k ea fopkj ieq[k gkrh gS bl vk/kkj ij Nk=ka dks fopkj oku cukukA

5- dYi uk vkj भाषिक क्षमता का निर्माण करना।

## ch-, -तृतीय वर्ष हिंदी— DSE HIN-I fgnh l kfgR; dk bfrgkl

### उद्येश्यः

- 1- fgnh l kfgR; ds c'gr bfrgkl dk i f j p; dj kukA
- 2- हिंदी साहित्य की सृजन की पृष्ठभूमि को समझना।
- 3- l kfgR; d i zofr; k dh ijEijk dks l e>ukA
- 4- l kfgR; ds ek/; e l s thoueW; k एवं जीवन दर्शन को समझना।
- 5- भाषाई शिल्प के परिवर्तनो को समझना।
- 6- fgnh l kfgR; ds vkfndky rFkk j hfrdky dk l f{klr i f j p; nsukA
- 7- HkfDrdky rFkk vk/kfud dky dh i zofr; k l s Nk=k dks voxr dj kukA

egRo %

bfrgkl dk v/; ; u egRo i w k l g D; k f d bfrgkl dh i p j k ofr gsrh g S  
इसलिए किसी भी साहित्य के इतिहास का अध्ययन भविष्यकालीन निर्माण में  
अत्यंत आवश्यक होता है। साहित्य की परिस्थितियाँ और प्रवृत्तियाँ हमारे वर्तमान  
thou dks cukus e l g; ksx nsrh gA rRdkyhu thoueW; jthou  
दर्शन,समस्याएँ,संस्कृति का वर्तमान से सह-संब/क l ekfi r gksdj u; s thou vkj  
dykvk dk fuekz k gkrk gA

## ch-, -तृतीय वर्ष हिंदी— DSE HIN-II साहित्यशास्त्र

### उद्येश्यः

- 1- साहित्य का शास्त्रिय पध्दति से अध्ययन करukA
- 2- साहित्यशास्त्र के महत्व को प्रतिपादित करना।
- 3- छात्रों में साहित्य के प्रति शास्त्रीय दृष्टिकोन विकसित करना।
- 4- शब्द vkj vFkk ds l Ecu/kk dks l e>ukA
- 5- आलोचना की मानवीय सहज प्रवृत्ति का साहित्यिक विश्लेषण करना।

egRo %

शिक्षा ज्ञानवर्धक का साधन है। सांस्कृतिक जीवन का माध्यम है। अपनी  
{kerkvk dk i w k l mi ; ksx djrs gq, thou thus dh dyk ds l kFk l kFk  
व्यक्तित्व के विकास का पथ-प्रदर्शन भी है। इन कलाओं के माध्यम से ही  
मनुष्य अपने जीवन को आनंदमय बना सकता है। आधुनिक तकनीकी युग e

साहित्य की शास्त्रियता मनुष्य जीवन का एक मात्र आधार सिद्ध होती है। अतः साहित्य का शास्त्रिय दृष्टिकोण से अध्ययन होना आवश्यक है।

## ch-, -तृतीय वर्ष हिंदी– DSG HIN-I हिंदी भाषा

### उद्देश्यः

- 1- हिंदी भाषा के प्रति छात्रों में रुचि उत्पन्न करना।
- 2- भाषा के स्वरूप को समझना।
- 3- हिंदी भाषा के प्रयुक्त क्षेत्रों का परिचय कराना।
- 4- भाषाई वैविध्य वाले भारत देश में हिंदी के महत्व को समझना।
- 5- प्राद्योगिकी के युग में हिंदी भाषा की उपयोगिता को समझना।
- 6- हिंदी भाषा के विकास में योगदान देने वाले व्यक्तियों का परिचय देना।

उद्देश्यः

हिंदी संस्कृत, प्राकृत, पालि, अपभ्रंश आदि पाडावों से गुजरकर हिंदी भारतवासियों के दिल की धडकन बनी। यदि भारत की भाषाओं का इतिहास उठाकर देखे तो पता चलता है कि हिंदी किसी न किसी रूप में अपनी सहोदर भाषाओं को अपना सहयोग प्रदान करती रही है। भाषा मानवीय है। भाषा मानवीय है। भाषा इसलिए भाषा के स्वरूप, प्रयुक्त क्षेत्र और उसकी उपयोगिता का अध्ययन करना आवश्यक है। हिंदी भाषा आज केवल विचारों के आदान-प्रदान का साधन न होकर वह नये नये रोजगारों के अवसर भी निर्माण कर रही है। वैश्वकरण के बदलते परिवेश में हिंदी भाषा के विकास में योगदान देने वाले व्यक्तियों का परिचय देना।

## ch-, -तृतीय वर्ष हिंदी– DSG HIN-II भाषा शिक्षण

### उद्देश्यः

- 1- भाषा शिक्षण के महत्व को प्रदिपादित करना।
- 2- हिंदी भाषा के व्याकरणिक कोटियों को समझना।
- 3- भाषाई शुद्धता एवं कुशलता के माध्यम से रोजगार के अवसर बढ़ाना।
- 4- भाषाई परिवेश में परंपरागत भाषाई मौलिकता और लोकभावनाओं को प्रोत्साहित करना।

egRo%

भाषा मानविय भावनाओं एवं विचारों को अभिव्यक्त करने का सशक्त माध्यम है। भाषा से ज्ञान प्राप्ति एवं अभिव्यक्ति संभव है। अंतः भाषा शिक्षण के माध्यम से भाषाई शुद्धता एवं प्रयोग कुशलता से रोजगार के अवसर प्रदान किए जा सकते हैं। विज्ञान एवं प्राद्योगिकी के उत्तरोत्तर विकास से बीसवीं शताब्दी में औद्योगिक क्रांति आयी। अब इक्कीसवीं शती में सूचना क्रांति हुई। हिंदी भाषा की उपादेयता बढ़ी। क्र. | s i æk f. kr gkrh gsf d ; g gekj s cg d a[ ; ykगों की भाषा है साथ ही वह साहित्य की भाषा होते हुए इसमें विज्ञान तथा व्यापार की अद्यतन जानकारियाँ हैं। इसलिए भाषा शिक्षण का महत्व अक्षुण्ण है।

ch-, -f0nrh; ] तृतीय वर्ष हिंदी भाषा कौशल विकास

उद्देश्यः

- छात्रों में व्यवसायभिमुख कौशल विकसित करना।
- कौशल के सुवर्धन {ks=k | s fgnh dks t kMukA
- छात्रों में लेखन कौशल विकसित करना।
- Nk=k dks jkstxkj ds vol j k | s i fjfpr , oa i fj r dj ukA
- छात्रों को कौशल के माध्यम से सम्पूर्ण व्यक्तित्व को विकसित करना।
- कौशल विकास के माध्यम से राष्ट्र निर्माण में योगदान देना।

egRo%

दलते वैश्विक परिदृश्य में आज अर्थ महत्वपूर्ण हो गया है जिसके परिणाम स्वरूप बाजारवाद को बढ़ावा मिला है। अतः शिक्षा क्षेत्र में भी पारंपारिक शिक्षा के साथ-साथ कौशल विकास के माध्यम से छात्रों की कार्यकुशलता बढ़ाना वर्तमान समय की मांग है। विश्व में भारत की 'युवाओं का राष्ट्र' ऐसी पहचान बन रही है। इस युवाशक्ति की क्षमता को राष्ट्रनिर्माण के लिए उपयोग में लाना आवश्यक है। इसलिए युवाओं में कौशल विकास का होना आवश्यक है। विज्ञान एवं औद्योगिकी, अभियांत्रिकी, चिकित्सा, विधि तथा प्रबंधन में हिंदी भाषा कौशल वर; kf/kd ek=k e fn[ kkbz nsrk gA

## , e-, -प्रथम वर्ष हिंदी— प्राचीन एवं मध्यकालीन कविता— बीजपत्र 1

### उद्देश्य:

- 1- fgnh dh i kphu , oa e/; dkyhu dfork dk i fj p; gksxkA
- 2- rRdkyhu dforkvka ds Onjk crk, x, eM; ] HkfDr vkfn dk i fj p; gksxkA

## , e-, -प्रथम वर्ष भाषाविज्ञान एवं हिंदी भाषा & chti = 2

### उद्देश्य:

- 1- हिंदी भाषा उदभव,विकास का परिचय होगा।
- 2- भाषा का महत्व,भाषा के अंग आदि का विश्लेषण किया जाएगा।
- 3- भाषा अध्ययन की पध्दतियों का परिचय किया जाएगा।

## , e-, -प्रथम वर्ष fgnh l kfgR; dk bfrgkl & chti = 3

### उद्देश्य:

- 1- fgnh l kfgR; ds bfrgkl l s Nk=ka dks i fj fpr dj kukA
- 2- l kfgR; ds bfrgkl ys[ku dh i j .kkvka l s Nk=ka dks i fj fpr fd; k tk, xkA

## , e-, -प्रथम वर्ष नाटय साहित्य – बीजपत्र 4

### उद्देश्य:

- 1- fgnh ds ukVd rFkk , dkadh fo/kk dk i fj p; gksxkA
- 2- jxep l x/kh ckfj fd; ka dk v/; ; u fd; k tk, xkA
- 3- ukVd rFkk , dkadh ds अध्ययन, मंचन के बाद छात्रों में अभिनय का आकर्षण fuekz.k gksxkA
- 4- ufrd eM; ka dk l x/kh A

egRo%

- हिंदी विषय का सखोल ज्ञान प्राप्त हो जाएगा।
- fgnh | kfgR; dks i <us | s Nk=kā eā thou dh vksj ns[ kus dk सकारात्मक दृष्टिकोन निर्माण होगा।
- fgnh Hkkषा के भाषिक कौशल्या आत्मसात कर समाज से प्रभावी रूप में l økn LFkkfi r dj | dxxkA
- fgnh | kfgR; i <us | s Nk=kā dks vi uh ftEenkjh dk , gl kl gksxkA
- fgnh | kfgR; dh fofHkUu fo/kkvkā dk v/; ; u dj | ekt dks i gpkuus eā enn feyxhA
- fgnh | kfgR; | s i klr eW; kā dh i gpku gksxhA

## , e-, -व्दितय वर्ष आधुनिक कविता— बीजपत्र 5

उद्येश्य:

- 1- हिंदी की आधुनिक कविता के आधार पर छात्रों में देशप्रेम,राष्ट्रीय भाव निर्माण gksxkA
- 2- dfork ds ek/; e | s izdfr dk egRo crk; k tk, xkA
- 3- dfork iæ tš s dkæy Hkko]ml dk egRo | j yrk | s | e>kus eā | gk; d gÅ , e-, -f0nrh; वर्ष समीक्षा सिध्दांत& chti = 6

उद्येश्य:

- 1- भारतीय और पाश्चात्य समीक्षा की पध्दतियों का परिचय होगा।
- 2- साहित्य का प्रयोजन स्पष्ट होगा।
- 3- साहित्य की भाषा और उसके प्रकारों का परिचय होगा।
- 4- | kfgR; vksj thou dk i kjLi kfj d | æ/k crk; k tk, xkA

, e-, -f0nrh; वर्ष fgnh x | | kfgR; & chti = 7

## उद्देश्य:

- 1- fgnh x | dh fofHkUu fo/kkvk dk i fj p; gksxkA
- 2- fuc/k dk Lo: i ]ml ds izdkj fuc/k dk egRo vkfn l s i fj p; gksxkA
- 3- js[kkfp=]thouh]Mk; jh] vkRedFkk vkfn fo/kkvk l s thou dk i fj p; gksxkA

, e-, -f0nrh; वर्ष जनसंचार माध्यम & chti = 8

## उद्देश्य:

- 1- कार्यालयीन हिंदी भाषा का परिचय होगा।
- 2- jkstxkj ds {ks= e fgnh dk egRo crk; k tk, xkA
- 3- tul pkj ds fof/k vk; kek dk i fj p; gksxkA
- 4- हिंदी भाषा और व्यवहार का तालमेल से परिचित किया जाएगा।
- 5- foKki u]l huek vkfn {ks=k e jkstxkj ds vol j crk, tk, xA





**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. First Year Optional History**

**Paper - I**

**History of Ancient India (upto 647 A.D. )**

**Course Outcomes :**

- Co1: To understand the historical advancement of Ancient India from stone age to 647 A.D.
- CO2 :: To understand the the cultural history of Indus valley civilization and Vedic age
- CO3 :To develop the broad view about the religious development in Ancient India.
- CO4 : To create interest among studenta about Ancient periods Empire and Dynasty.
- CO5 : To introduce to student about the contribution of various king in Ancient India.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. First Year Optional History**

**Paper - II**

**History of India (648 to 1526A.D.)**

**Course Outcomes :**

C01 : To understand the historical events from 648 A.D. to 1526 A.D..

Co2 : To understand the Archaeological and Literary sources.

C03 : To develop a broad view about various dynasty.

C04 : To creat an interest among the students about muslim invasions and  
Dynasty.

C05 : This paper is useful to understand the political History.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Second Year Optional History**

**Paper - HIS - I**

**Chhtrapati Shivaji and his Times(1630 to 1707A.D. )**

**Course Outcomes :**

CO1: To understand the real history of Chhtrapati Shivaji and his Times.

CO2 : To understand the benevolent nature of Chhtrapati Shivajis regime.

CO3 : To focus contribution of Chhtrapati Shivaji in building an independent swarajya.

CO4 : To introduce the various policies regarding agriculture, water management, Enviroment and Scientific aooroach of Chhtrapati Shivaji Maharaj.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Second Year Optional History**

**Paper - HIS - II**

**History of India(1526 to 1707A.D. )**

**Course Outcomes :**

CO1 : students will understand the historical of Mughal period 1526 to 1707  
A.D..

CO2 : students will understand the political aggressiveness of Mughal and  
British in this age.

CO3 : It will develop the broad view about the religious development of  
Mughal and British in india.

CO4 : To create interest among students about Mughal Empire and British  
rule.

CO5 : It will introduce the students about the contributions of Mighal Badshah  
and British governors.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Third Year Optional History**

**Paper - HIS - I**

**History of Modern India(1857 to 1947A.D. )**

**Course Outcomes :**

C01 : To introduce India freedom struggle Movements in broad manner.

C02 : To instill the spirit of nationalism among students.

C03 : Make the students responsible citizen of the nation.

C04 : To inculcate moral qualities like Devotion ,Unity ,Fraternity,

Brotherhood in students.

C05 : To make the students aware of criticizing.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Third Year Optional History**

**Paper - HIS - II**

**Social Reformers in Modern Maharashtra**

**Course Outcomes :**

C01 : To acquaint the students with social change process in Modern Maharashtra.

C02 : To introduce the educational development in Modern Maharashtra.

C03 :To generate curiosity to study the Modern times History Of Maharashtra.

C04 : To enhance the perception ability of the students.

C05: To widen the broad view of the students about the society.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional History**

**Paper - I**

**HISTORIOGRAPHY**

**Course Outcomes :**

After successfully completing the course the students will be able to :

C01 : To orient students about how history is studied written and understood.

C02 : To explain method and tools of data collection.

C03 : To understand the meaning of evolution of Historiography.

C04 : To study the various views of Historiography .

C05: To introduce student to the basic of research .

C06 : Learn how to use sources in their presentation.

C07: To study the types and writing histories.

C08 : To study the Indian Historiography.



**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional History**

**Paper - II**

**India After Independence**

**Course Outcomes :**

C01: To explain the major events after the independence of India.

C02: To explain the achievements of leaders after independence.

C03: To Understand the developmental process of India.

C04: To study the Agricultural and Educational drastic change in India.

C05 : To contribute effectively towards the building of nation.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional Histor**

**Paper - III**

**History Of Modern Marathwada**

**Course Outcomes :**

C01: To explain the major events in Modern Marathwada.

C02: To explain the achievements of leaders in Hyderabad freedom struggle.

C03: To Understand the developmental process of freedom struggle of  
Hyderabad.

C04 : To study the social and political condition in Hyderabad state.

C05 : To make preparation for competitive examination.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional History**

**Paper – IV**

**History Of Indian Art and Architecture**

**Course Outcomes :**

CO1: To enrich the historical understanding of the student with reference to creative art

CO2: To unfold aesthetic prosperity of Indian art.

CO3 : To give wide exposure to the Indian art through site visit and visual effects.

CO4 : Student should have preliminary knowledge of Indian History.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional Hist**

**Paper – IX**

**Women's In Indian History**

**Course Outcomes :**

- CO1 : To this paper will help students to develop critical understanding about womens status in Ancient,Medieval and Modern India.
- CO2: To make acquainted the students with the contribution of the Women Reformers.
- CO3 : It will help them to recognize the feminist views on various issues.
- CO4 : It will give them knowledge about various ideas of justice ,criminal offences and violence relating to women.
- CO5 : The student are known about the Indian History.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional History**

**Paper - X**

**History of Modern Maharashtra**

**Course Outcomes :**

- CO1 : The students should learn the reform movement in Modern Maharashtra in detail.
- CO2 : To make acquainted the students with the contribution of the Reformers.
- CO3 : The history of social & political change will be reassessed in this paper.
- CO4 : Student should know the historical importance of reform movement in Maharashtra.
- CO5 : The students are known about the modern Maharashtra.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional History**

**Paper – XI**

**History of Modern world (1775A.D.-1945 A.D.)**

**Course Outcomes :**

- CO1: To understand importance of international events through the study of History of world.
- CO2 : To criticize the various ideologies and motivational elements.
- CO3 : To enable students to understand economic transition in Europe during the 18<sup>th</sup> and 19<sup>th</sup> Century.
- CO4 : To understand the importance of events & development that encouraged the global unity.
- CO5 : To make aware about the disadvantages of dictatorship.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional History**

**Paper - XII**

**TOURISM**

**Course Outcomes :**

- C01 : To introduce the students to the Indian art from past to present.
- C02 : To orient students about how Tourism is studied and understood.
- C03 : To give wide exposure to the Indian art through site visits and visual effects.
- C04 : To understand the meaning of evolution of Tourism.
- C05 : To create awareness to conserve the historical heritage by way of establishing the museums.
- C06 : To study various views of Tourism.

B.A.F.Y. Public Administration

Name of the paper: basic principles of Public Administration (i);

District administration (ii)

#### COURSE OUTCOMES

1. The course introduces and provides knowledge of public administration
2. To provide knowledge of the new trends in public administration
3. To understand the relation of public administration with other humanities
4. To know district administration
5. To understand structure and functions of various administrative offices of district administration

B.A.F.Y. Public Administration

NAME OF THE PAPER: Administrative Organisation and Its Principles (Iii);

Administrative System of Maharashtra State (IV)

#### COURSE OUTCOMES

1. Basic knowledge of administrative organization and its principles
2. To provide knowledge of the functions and qualities of chief executive
3. To understand the role chief minister and state secretariat in Maharashtra state
4. To understand structure and functions of state legislature
5. To provide knowledge of the state government and administration



B.A.S.Y. Public Administration

NAME OF THE PAPER: Personnel Administration (V);

Rural Local Government (VI)

#### COURSE OUTCOMES

1. It will provide knowledge of personnel administration
2. Explain the importance of human resources and their effective work in administration
3. Analyze the key issues related to promotion merit and seniority principle etc.
4. Awareness of the basic governing system as well as development majors
5. It will provide knowledge of three tire system of Panchayat raj in Maharashtra state

B.A.S.Y. Public Administration

NAME OF THE PAPER: Financial Administration (Vii);

Urban Local Government (Viii)

#### COURSE OUTCOMES

1. Awareness of the basic financial system as well as development majors
2. Explain the importance of budget and financial administration
3. Understand the role of finance administration as the main source of development
4. Awareness of the basic governing system (urban ) as well as development majors
5. Exhibit the efforts for urban development in Maharashtra state

B.A.T.Y. Public Administration

NAME OF THE PAPER: administrative thinkers (ix);

Rural local government in Maharashtra (x)

#### COURSE OUTCOMES

1. Basic knowledge of various administrative theories
2. The approaches of study of public administration
3. The relevance of the thoughts in organization
4. To develop awareness of the basic governing system (rural) in Maharashtra
5. To understand the three tier system of Panchayat raj in Maharashtra state

B.A.T.Y. Public Administration

NAME OF THE PAPER: Administrative thoughts (xi);

Urban local government in Maharashtra (xii)

#### COURSE OUTCOMES

1. To provide basic knowledge of various modern administrative theories
2. To understand the views of human relation theory
3. To understand the role of urban local government in development of nation
4. Develop a local leadership in urban area
5. To understand the role of urban local institution in urban development

Dep. Sociology

B.A.—Sociology

Programme Outcomes Summary

After successful completion of course the students will be able to :

Co 1 : Know basic concepts of Sociology.

Co 2: Know the various social Institutions and related issues and recent situations.

Co 3: Introduce various Transformative movements and related laws.

Co 4: Know Human rights and its relationship with society.

Co 5 : Know Fundamental Research Methodology and theories.

Po 1 : Introduction to Sociology -After successful completion of course the students will be able to :.

Co 1: know the basic concepts.

Co 2: Enable the students to understand the various social process in their day to day life.

Co 3: understand the society context of sociology theory and knowledge concepts.

Co 4: understand how social phenomena effects an individual life.

Co 5: understand the basic concepts in sociology and their fundamental theoretical interrelationship and demonstrate the relevance's.

Po 2: New changes in social institutions after successful completion of course the students will be able to :.

Co 1: know the diverse in Indian Society.

Co 2: know the various social Institutions.

Co 3: know recent situations of various Institutions and related issues.

Co 4: know new concepts related to social Institution.

Co 5: Common to all society social group, organization and social Institutions.

Po 3: Basic concept in sociology -After successful completion of course the students will be able to :

Co 1: know the new concepts in sociology.

Co 2: know the new prospective and approaches of Indian Society.

Co 3: Develop logical thinking

Co 4: know distinct cultural milieu and value attitude system.

Co 5: Understand the concepts and fundamental theoretical interrelationship's and Demonstrate the relevance.

Po 4: Contemporary Social Institutions- After successful completion of course the students will be able to .:

Co 1: To understand the thoughts of modern social reformers of India.

Co 2: know Modern thought and perspectives.

Co 3: understand contemporary issues and challenges of country.

Co 4: Develop sociological understanding which develops and buildup capacities of the young generation of the country.

Co 5: Produce positive social change through active intervention.

Po 5: Transformative knowledge of social movements in India -After successful completion of course the students will be able to .:

Co 1: Awareness create of various movement.

Co 2: Eradicate the social problem students will contribute.

Co 3: Analyze the social life.

Co 4: Create social bounding among the students.

Co 5: About various communities & development programs.

Po 6: Human Rights & society-After successful completion of course the students will be able to :..

Co 1: Get Knowledge of Human Rights its importance.

Co 2: Human Right helpful for the Development of society.

Co 3: Get Knowledge of various commissions & their work.

Co 4: Get Knowledge of Government policies for the welfare of people.

Co 5: Eradicate the injustice & exploitation in the society.

Po 7: Western Sociological Thinkers-I-After successful completion of course the students will be able to ...

Co 1: Know systematic Methods or study.

Co 2: Understand Sociological theory.

Co 3: Train students for the application of these theories to social situations.

Co 4: Familiarized themselves with the different sociological perspectives and theories.

Co 5: Equip themselves with theoretical insights to know analysis and interpret the social Scenario around them.

Po 8: Modern Sociological theories.-I-After successful completion of course the students will be able to ...

Po 1: Understand the major modern theories.

Po 2: Understand the modern perspectives.

Po 3: Develop Conceptual Framework for the analysis if non logical element in human action.

Po 4: Functional perspective of society.

Co 5: Know Micro sociologist contribution to Sociology.

Po 9: Methods of social Research. -After successful completion of course the students will be able to :

Co 1: Get fundamental Research Methodology Knowledge.

Co 2: The importance of social research.

Co 3: Provide scientific thinking and rationalizing the minds.

Co 4: Conceptual objectives, tools and techniques of Research Methodology.

Co 5: Develop scientific attitude.

Po 10: Modern Sociological Thoughts in India-II -After successful completion of course the students will be able to :

Co 1: Helpful themselves to introduce with modern Indian Social Thinkers to understand their thoughts and built their own ideas.

Co 2: Percolate and the philosophy and Principles.

Co 3: Develop the principles to disseminate the constitutional literacy at grass roots level of society.

Co 4: Get idea for solving the society problems.

Co 5: Develop the ideology of the social references.

Po 11: Fundamental Indian Sociological Thinkers-II-After successful completion of course the students will be able to :

Co 1: Know Contribution of Indian Sociologist to Sociology.

Co 2: Know various perspectives of Indian Society.

Co 3: Know various study method of Indian Society.

Co 4: Get Knowledge if New Concepts by Indian Sociologist.

Co 5: Improve logical and thinking skill.

Po 12: Techniques of Social Research-II-After successful completion of course the students will be able to :

Co 1: provide an understanding of the nature of social phenomena's

Co 2: Understand the studies of social reality.

Co 3: Get base for scientific attitude

Co 4: Get job in various research field like research institution, corporate sector etc.

Co 5: Get thevarious tools and technical data collection.

**Maharashtra Udayagiri College,Udgir**

**Department of Urdu**

**POS and Cos Drafting-Formats**

**Programme: B.A.F.Y**

**Course: Optional I (Dastan and Novel)**

After successfully completing this course, students will be able to:

- CO1: Define dastan as a classic literature and to identify different elements of dastan.
- CO2: Analyse about dastan and novel and its social, cultural and historical background.
- CO3: Evaluate dastan and novel as a genre of literature.
- CO4: Compare and contrast different characters in the dastan and novel.
- CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.
- CO6: Improve the knowledge and understanding about the art and technique of dastan and novel.

**Course: Optional II (Qasida aur Ghazal)**

After successfully completing this course, students will be able to:

- CO1: Develop the knowledge and understanding about the art and technique of qasida and ghazal.
- CO2: Progress and understanding the knowledge about qasida and ghazal and its social, cultural and historical background.
- CO3: Knowledge about qasida and ghazal and it's poets with their art, technique and style.
- CO4: Outline the idea of varied cultural experiences.
- CO5: Determine basic different between ghazal and qasida in Urdu poetry.
- CO6: Describe various types and advanced area of the classic and modern poetry.

**Course: S.L. I (Urdu Shairi)**

After successfully completing this course, students will be able to:

- CO1: Develop the knowledge and understanding about the form of masnavi.
- CO2: Progress and understanding the knowledge about qasida and and its social, cultural and historical background.

CO3: Knowledge about marsiya and it's art, technique and style.

CO4: Outline the idea of varied experiences of qataat.

CO5: Determine basic different between ghazal and qasida in Urdu poetry.

CO6: Describe various types and advanced area of the classic and modern poetry.

**Course: S.L. II (Urdu Nasr)**

After successfully completing this course, students will be able to:

CO1: Develop the knowledge and understanding about the prose form of dastan.

CO2: Progress and understanding the knowledge about Novel and and its social, cultural and historical background.

CO3: Knowledge about Afsana and it's art, technique and style.

CO4: Outline the idea of varied charecters of dastan

CO5: Determine basic different between fiction and non-fiction.

CO6: Describe various types and advanced area of the Urdu short stories.

**Course: Optional III (Afsana aur Drama)**

After successfully completing this course, students will be able to:

CO1: Define afsana as a medieval literature and to identify different elements of afsana.

CO2: Analyse about drama and its social, cultural and historical background.

CO3: Evaluate afsana and drama as a genre of literature.

CO4: Compare and contrast different characters in the afsana and drama.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Improve the knowledge and understanding about the art and technique of afsana and drama.

**Course: Optional IV (Masnavi aur Nazm)**

After successfully completing this course, students will be able to:

CO1: Illustrate different types of masnavi as a classic literature and nazm as a modern forms.

CO2: Summarize about masnavi and nazm and its social, cultural and historical background.

CO3: Use literary language with reference to Delhi and Lakhnow Urdu.

CO4: Compare and contrast different forms in the masnavi and nazm.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.



CO6: Critically appreciate and understanding about the art and technique of masnavi and nazm.

**Programme: B.A.S.Y**

**Course: Optional V (Inshaiya aur Drama)**

After successfully completing this course, students will be able to:

CO1: Define inshaiya as a classic literature and to identify different elements of inshaiya.

CO2: Analyse about inshaiya and drama and its social, cultural and historical background.

CO3: Evaluate inshaiya and drama as a genre of literature.

CO4: Compare and contrast different characters in the inshaiya and drama.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Improve the knowledge and understanding about the art and technique of inshaiya and drama.

**Course: Optional VI (Marsiya aur Rubai)**

After successfully completing this course, students will be able to:

CO1: Develop the knowledge and understanding about the art and technique of marsiya and rubai.

CO2: Progress and understanding the knowledge about marsiya and rubai and its social, cultural and historical background.

CO3: Knowledge about marsiya writers, and rubai poets with their art, technique and style.

CO4: Outline the idea of varied cultural experiences.

CO5: Determine basic different between marsiya and rubai in Urdu poetry.

CO6: Describe various types and advanced area of the classic and modern poetry.

**Course: Optional VII (Khaka Aur Sawaneh nigari)**

After successfully completing this course, students will be able to:

CO1: Define Khaka (Portrait) as a medieval literature and to identify different elements of Khaka.

CO2: Analyse about khaka and it's important.

CO3: Evaluate khaka and swaneh as a genre of literature.

CO4: Compare and contrast different characters in the khaka and swaneh.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Improve the knowledge and understanding about the art and technique of khaka and swaneh.

**Course: Optional VIII (Nazm aur jadeed ghazal)**

After successfully completing this course, students will be able to:

CO1: Illustrate different types of nazmas a classic literature and a modern ghazal forms.

CO2: Summarize about nazm and jadeed ghazal and its social, cultural and historical background.

CO3: Use literary language with reference to Delhi and Lakhnow Urdu.

CO4: Compare and contrast different forms in the nazm and modern ghazal.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Critically appreciate and understanding about the art and technique of nazm and modern ghazal.

**Course: S.L- III (Urdu Shairi aur Ilm-e-bayan)**

After successfully completing this course, students will be able to:

CO1: Illustrate different types of ghazal, classic and a modern form.

CO2: Summarize about nazm and jadeed ghazal and its social, cultural and historical background.

CO3: Use literary language with reference to Delhi and Lakhnow Urdu.

CO4: Compare and contrast different forms in the rubai.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Critically appreciate and understanding about the ilm-e-bayan.

**Course: S.L. IV (Urdu Nasr aur Qawaid)**

After successfully completing this course, students will be able to:

CO1: Define afsana (short stories) as a medieval literature and to identify different elements of Afsana

CO2: Analyse about inshaiya ( light literature) and it's important.

CO3: Evaluate khaka as a genre of literature.

CO4: Compare and contrast different characters in the khaka .

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Improve the knowledge and understanding about the letter writings.

**Course: SEC - I (Translation)**

After successfully completing this course, students will be able to:

CO1: List declarative, imperative and interrogative sentences.

CO2: Analyze about translation and its rights with technique.

CO3: Discuss various kinds of translation in Urdu language.

CO4: Compare and contrast different effects among the Urdu and English translations.

CO5: Develop translation competence in students to help them derive pleasure by reading the prescribed text.

CO6: Translation a paragraph from Urdu to English and English to Urdu.

**Course: SEC-II (Interview and Press Conference)**

After successfully completing this course, students will be able to:

CO1: Develop the knowledge and understanding about the interview and press conference.

CO2: Progress and understanding the knowledge about the importance of interviews.

CO3: Knowledge about the responsibilities of press reporter.

CO4: Outline the idea of varied events and experiences.

CO5: Determine basic different between interview and press conference.

CO6: Describe various types and advanced area of advertisement.

**Programme: B.A.T.Y**

**Course: DSE Urd-I (Tareekh e Urdu Zaban o Adab)**

After successfully completing this course, students will be able to:

CO1: Define and improve the knowledge about Tareekh e Urdu Zaban o Adab.

CO2: Analyse about kinds of prose and its social, cultural and historical background.

CO3: Evaluate various theories about the origin of Urdu language.

CO4: Compare and contrast different opinions for the beginning period of Urdu.

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Improve the knowledge about the art and technique of light literature in Urdu.

**Course: DGE Urd-I (Adabi Tanqeed)**

After successfully completing this course, students will be able to:

- CO1: Develop the knowledge and understanding about the literary criticism.
- CO2: Progress and understanding the Urdu criticism.
- CO3: Knowledge about marsiya writers, and rubai poets with their art, technique and style.
- CO4: Outline the idea of varied schools of criticism..
- CO5: Determine basic different between eastern and western criticism.
- CO6: Describe various types of criticism and development of criticism.

**Course: SEC-III (Mass Media aur Inpage)**

After successfully completing this course, students will be able to:

- CO1: Define the print media, electronic media and social media.
- CO2: Analyse about Urdu journalism.
- CO3: Evaluate and importance of radio and its role.
- CO4: Compare and contrast different software and inpage.
- CO5: Develop the knowledge about inpage file settings.
- CO6: Improve the knowledge and understanding about the tools settings and composing.

**Course: DSE II (Tareekhe Urdu Adab)**

After successfully completing this course, students will be able to:

- CO1: Illustrate different types and literary forms of Urdu prose.
- CO2: Summarize about drama and novel and its social, cultural and historical background.
- CO3: Use literary and metaphoric language with a beautiful presentation.
- CO4: Compare and contrast different forms in the afsana ,inshaiya and khaka.
- CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.
- CO6: Critically appreciate and understanding about Aligarh movement.

**Course: DGE II (Adabi Tanqeed)**

After successfully completing this course, students will be able to:

- CO1: Illustrate different types of eastern and western critics..

CO2: Summarize about the importance of Urdu critics.

CO3: Use literary critical language with reference to Maulana Hali and Shibli Nomani.

CO4: Compare and contrast different forms in the mashraqi and maghrabi tanqeed nigar..

CO5: Develop literary competence in students to help them derive pleasure by reading the prescribed text.

CO6: Critically appreciate the art and technique of Aflatoon and arastu and their style of writings.

**Course: SEC-IV (Ishtehar Sazi aur Nama Nigari)**

After successfully completing this course, students will be able to:

CO1: Develop the knowledge about the advertisement.

CO2: Progress and understanding the knowledge about Radio, T.V. and News papers.

CO3: Knowledge about the responsibilities of press reporter.

CO4: Outline the idea of varied events and experiences.

CO5: Determine basic different between advertisement and press conference.

CO6: Describe various types and advanced area of advertisement.

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**Programme Outcomes: M.A. English**

**After successfully completing M.A. English Programme, the students will be able to:**

**PO1: Acquire the basic language skills helpful**

**PO2: Widen a deeper understanding of environment, human beings and human values such as morality, empathy and good will**

**PO3: Understanding life skills from microcosmic representation through literature applied to macrocosmic world**

**PO4: Implement literary theories and critical approaches to literary texts for better understanding**

**PO5: Demonstrate high level aptitude in literary research**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**M.A. English**

**Phonetics and English Phonology-I**

**After successfully completing the Course, the students will be able to:**

**CO1: Acquaint themselves with the basics of Language and Linguistics**

**CO2: Understand human speech mechanism and the sound system of the English language**

**CO3: Learn the basic notions of Phonetics from the level of sound to the utterance**

**CO4: Know the important international varieties and their phonological and lexical usage**

**CO5: Improve their accent in spoken English**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**M.A. English**

**English Literature-I (Old English, Middle English & Renaissance)-Paper II**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of English literature from its origin to the Renaissance period**

**CO2: Aware of social and political setting of the Age**

**CO3: Associate human concern through exposure to literary texts**

**CO4: Demonstrate artistic and innovative perspective through different genres**

**CO5: Develop a sense of appreciation of the literary texts**



**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**M.A. English**

**English Literature-II (Neoclassical and Romantic)-Paper III**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of English literature from Restoration – Augustan to Romantic Age**

**CO2: Aware of social and political setting of the Ages**

**CO3: Associate human concern through exposure to literary texts of the Ages**

**CO4: Demonstrate artistic and innovative perspective through different genres**

**CO5: Develop a sense of appreciation of the literary texts**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**M.A. English**

**Indian Writing in English-Paper IV**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of Indian Writing in English**

**CO2: Aware of the Indian ethos through representative texts**

**CO3: Identify the nuances of Indian English literature**

**CO4: Acquaint themselves with the prominent Indian English writers**

**CO5: Directly relate themselves to the Pre-Independence and the Post-Independence life of the Indians**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**M.A. English**

**Modern English Structure-V**

**After successfully completing the Course, the students will be able to:**

**CO1: Acquaint themselves with the basics of various levels of language analysis**

**CO2: Understand the basic structure of the English Language**

**CO3: Learn the basic notions in Semantics and Pragmatics**

**CO4: Study the ways of morphological analysis**

**CO5: Improve their written English**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**M.A. English**

**English Literature-III (Victorian)-Paper VI**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of English literature of the Victorian Era**

**CO2: Aware of social and political setting of the Age**

**CO3: Associate human concern through exposure to literary texts of the Age**

**CO4: Demonstrate artistic and innovative perspective through different genres**

**CO5: Develop a sense of appreciation of the literary texts**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**M.A. English**

**English Literature-IV (Modern and Postmodern)-Paper VII**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of English literature of the Modern and Postmodern Era**

**CO2: Aware of social and political setting of the Ages**

**CO3: Associate human concern through exposure to literary texts of the Ages**

**CO4: Demonstrate artistic and innovative perspective through different genres**

**CO5: Develop a sense of appreciation of the literary texts**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**M.A. English**

**Department of English**

**American Literature- Course-VIII**

**After successfully completing the Course, the students will be able to:**

**CO1: Trace the development of American literature**

**CO2: Aware of canonical American literary tradition**

**CO3: Get an idea of the American cultural**

**CO4: Discover the social setting of America**

**CO5: Identify the distinctiveness of the American ways of literary expression**

**Maharashtra Udayagiri Mahavidyalaya, Udgir**

**Department of English**

**Add-On Course: SPOKEN ENGLISH**

**Course Outcomes**

**After successfully completing the Course, the students will be able to:**

- **PO1: Speak and write in correct English**
- **PO2: Improve their accent and fluency in speech**
- **PO3: Develop their communication skills**
- **PO4: Confidently face the audience and job interviews**
- **PO5: Seek jobs in educational institutions, call centres, BPOs and other business organizations**

Maharashtra Udayagiri Mahavidyalaya, Udgir  
Department of Geography  
Course Outcome -PG

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Class: **MAFY/ Sem.-I**

Paper I: Geomorphology

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Understand the fundamentals of geomorphology
2. Know the evolutionary stages of the earth.
3. Know impact of structure, process and stage on landforms during geological time scale.
4. Develop scientific and research approach

Class: **MAFY/ Sem.-I**

Paper II: Climatology

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Understand the fundamentals of climatology
2. Know the climate since the formation of the earth and changes that have occurred
3. Understand climatic regions of the world
4. Understand Global Warming, Ozone Depletion

Class: **MAFY/ Sem.-I**

Paper III: Economic Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Understand the fundamentals of economic geography
2. Know the distribution of natural resources and their impact on economic activities.
3. Know the global energy crisis in developed and developing countries
4. Know the theories of industrial location and important industries of the world

Class: **MAFY/ Sem.-I**

Paper IV: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the basics of profile and slope analysis.
2. Know the interpretation of topographical maps.
3. Develop the skills of surveying, collection, presentation and interpretation of data
4. Develop the skills interpretation of Indian toposheets



Class: **MAFY/ Sem.-II**

Paper V: Oceanography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of Oceanography and significance of study of Oceanography
2. Understand the properties and dynamics of ocean water
3. Assess the importance of Ocean Currents in global temperature stability
4. Have the knowledge of ocean resources oceanic currents and their distribution.

Class: **MAFY/ Sem.-II**

Paper VI: Settlement Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of Settlement Geography
2. Know the process of evolution of rural and urban centre in the world and in India
3. Understand global urban trends and problems and contemporary issues in India
4. Describe the factors affecting on shapes and patterns of settlements

Class: **MAFY/ Sem.-II**

Paper VII: Political Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of Political Geography.
2. Understand the geopolitics, its significance, and international relations.
3. Know the global strategic views
4. Know the contemporary geopolitics of Asia with reference to India

Class: **MAFY/ Sem.-II**

Paper VIII: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know basics of representation and interpretation of climatic data
2. Develop Weather map interpretation skills
3. Know the significance of quantitative data, presentation and interpretation of data
4. Take up field survey and skills of report writing

Class: **MASY/ Sem.-III**

Paper IX: Geography of Regional Planning

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of regional planning
2. Know the significance of regional planning in regional and economic development
3. Know the different types of planning
4. Know the regional imbalance and regional planning in India

Class: **MASY/ Sem.-III**

Paper X: Biogeography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of biogeography.
2. Know the forms and functions of ecosystem
3. Know types of pollutions, hazards and ecological balancing
4. Know the causes of depletion of biodiversity and how to contain them

Class: **MASY/ Sem.-III**

Paper XI: Biogeography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of agriculture geography.
2. Know the approaches to study agriculture geography.
3. Know the methods of regionalization of agriculture
4. Know the major agriculture issues in India

Class: **MASY/ Sem.-III**

Paper XII: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the use of quantitative techniques in geographical research
2. Know the measurements of population growth and density
3. Know the causes and methods of measurements of distribution of settlements
4. Know the methods of regionalization of agriculture

Class: **MASY/ Sem.-IV**

Paper XIII: Population Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of population geography
2. Understand causes of growth and distribution of population.
3. Understand population dynamics and resource utility
4. Know the causes and effects of population migration

Class: **MASY/ Sem.-IV**

Paper XIV: Social and Cultural Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the fundamentals of social and cultural geography
2. Work for social justice and fair society
3. Know the social and cultural aspects of the society
4. Know the indicators of social development

Class: **MASY/ Sem.-IV**

Paper XV: Geography of Maharashtra

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Know the different natural and human settings of Maharashtra
2. Know the mineral resources of the state and the status of their usage
3. Know the regional geography and economy of the state
4. Know the population and contemporary issues in the state

Class: **MASY/ Sem.-IV**

Paper XVI: Practical Geography

**Course Outcome**

After the successful completion of this course the students will be able to:

1. Learn the skills of field survey and report writing
2. Know the landforms through survey and their impact on human life
3. Prepared questionnaire and conduct household socio-economic survey
4. Know remote sensing, aerial photography and GIS a tool of spatial sciences

fgnh foHkkx

ch-, -]ch-dkWe-]ch-, | | h- प्रथम वर्ष द्वितीय भाषा हिंदी

| kfgR; Hkkj rh

उद्देश्य:

- 1- द्वितीय भाषा के रूप में छात्रों को हिंदी भाषा और साहित्य का  
| kekl; i fjp; nsukA
- 2- dkyku; i dgkuh vkj dk0; ea vk; s ifjorlu dks | e>ukA
- 3- कहानी और काव्य के माध्यम से छात्रों को परिष्कृत करना।
- 4- Nk=ka dks fgnh ds 0; ogkfj d Kku | s voxr djukA
- 5- हिंदी भाषा के प्रति छात्रों में रुचि उत्पन्न करना।
- 6- jpukvka ea 0; Dr | eL; kvka ds | ek/kku ds fy, Nk=ka dks ifjr dj  
ufrd ea; ka dks LFkffi r djukA

egRo %

साहित्य जीवन का पथदर्शक है। वह मनुष्य के जीवन में सकारात्मक और रचनात्मक परिवर्तन लाने की क्षमता रखता है। इस दृष्टि से सामान्य हिंदी का v/; ; u dj fofo/k | क्रायों में पढ रहे छात्रों में हिंदी भाषा के प्रति रुचि उत्पन्न gkrh gA mlga 0; kogkfj d fgnh dk Kku | klr gkrk gA bruk gh ugh arks fgnh कहानियाँ और कविताएँ उनके मन मस्तिष्क को परिष्कृत करने में सहायता करती gA mu | eL; kvka ds | ek/kku ds fy, iz; kl jr jgrs gA

ch-, -प्रथम वर्ष ऐच्छिक हिंदी— कथा साहित्य

उद्देश्य:

- 1- fgnh | kfgR; dh dgkuh vkj mi U; kl fo/kk | s Nk=ka dks ifjpr djukA
- 2- कथा साहित्य की लेखन शैली से परिचित कराना।
- 3- कथा साहित्य के माध्यम से छात्रों की चिंतन तथा लेखन कौशल की क्षमता  
dks fodfl r djukA
- 4- fofo/k | k=ka dh ekufi drk , oa fdz; k dyki ka | s Nk=ka ea | gh vkj xyr  
dks ij [kus dh {kerk fodfl r djukA

5- dFkk I kfgR; ds ek/; e I s Nk=k dks fofo/k I eL; kvk I s voxr dj mu I eL; kvk ds I ek/kku ds fy, mUg i fjr dj ukA

egRo %

मनुष्य के जीवन में कथाओं की परंपरा का महत्वपूर्ण स्थान रहा है। आज हिंदी dFkk I kfgR; e कहानी और उपन्यास विधा मनुष्य की बौद्धिक तथा माufI d क्षमता को परिष्कृत कर उन्हें समाज एवं राष्ट्रहित की ओर प्रेरित करने में महत्वपूर्ण भूमिका निभा रही है। युवा शक्ति को राष्ट्र विकास के लिए महत्वपूर्ण ekuk tkrk gA vr% dgkuh vkj miU; kl ds v/; ; u I s , d vkj Nk=k dks रचनाकारों की लेखन शैली का ज्ञान होता हs rks nll jh vkj dFkk I kfgR; es of. kr fofo/k I eL; kvk dh tkudkjh feyrh gS vkj mu I eL; kvk ds I ek/kku के लिए एक निश्चित दिशा मिलती है। कथा साहित्य छात्रों को नैतिक मूल्यों की j {kk dj mUg i p fjr dj us ds fy, i fjr dj rk gA bruk gh ugha rks muea mfpr vufpr dks ij [kus dh {kerk fuekz. k dj rk gA

ch-, -प्रथम वर्ष ऐच्छिक हिंदी— नाटक तथा एकांकी

उद्देश्य:

- 1- ukVd vkj , dkadh fo/kk I s i f fpr dj kuka
- 2- ukVd ds i fr Nk=k e : fp mRi lu dj kuka
- 3- संवाद लेखन—वाचन कौशल का विकास करना।
- 4- j xep I s I cf/kr tkudkjh Nk=k dks nsuka
- 5- अभिनय के प्रति आकर्षण निर्माण करना।

egRo%

ukVd vkj , dkadh n d&JK0; ek/; e dh vR; r i kphu I kfgR; fo/kk gA ftI e Hkko&Hkkouk vkj fopkj k dk i fri knu ik=kfHku; Onkj k gkrk gA bl fo/kk us dbz egRo i kZ , s frgkfl d तथ्य और युगपुरुषों की जीवनियों को युगानुरूप प्रस्तुत किया है। दृक—श्राव्य विधा होने के कारण दर्शकों को j I kuHkr fnyku e I gk; rk dj rh gA Hkkj r n r Fkk muds I edkyhu ukVddkj k us ykdp ruk ds fodkl ds fy, ukVd vkj , dkfd; k dk fuekz. k fd; kA I kekजिक समस्याओं की अभिव्यक्ति करने का एक सशक्त और प्रभावी

ek/; e ukVd vkj , dkdh gA buds v/; ; u l s eukj atu ds l kFk vfHku; vkj  
ys[ku ds {ks= ea jkstxkj dh mi yfC/k Hkh gkrh gA

ch-, -]ch-dkWe-]ch-, l l h- **द्वितीय वर्ष द्वितीय भाषा हिंदी**

dFkrj x |

**उद्देश्य:**

1-द्वितीय भाषा के रूप में छात्रों को हिंदी कथेतर गद्य का सामान्य परिचय देना।

2- fgnh l kfgR; ds ifr Nk=ka ea : fp txkuk

3- i =]0; x]ys[k]Mk; j h]l xks/ku vkfn fo/kkvka ea fy[kus ds fy, i fjr dj ukA

4-i z; kstuey d fgnh dk i fjp; dj kukA

5-fofHkUu ekckbZy vW ds Onkj k jkstxkj ds vol j ka l s i fjp; nsukA

ch-, -द्वितीय वर्ष ऐच्छिक हिंदी— मध्ययुगीन काव्य

**उद्देश्य:**

1- Nk=ka dks e/; ; xhu dk0; ] i fj fLFkr; k]i xfr; ka l s i fj fpr dj ukA

2- छात्रों को संतों के उपदेश,उनकी नैतिकता,आचरण आदि का परिचय देना।

3- dfork ds ek/; e l s Hkkoka की अभिव्यक्ति होती है,कविता कांतासम्मीत उपदेश  
Hkh djr h g] bl vk/kkj ij thou vkj dfork dk l xC/k fn[kkukA

4- dfork ea xkj ea l xj Hkj us dh {kerk gkrh gS bl vk/kkj ij Nk=ka ea  
**भाषा ज्ञान देनाA**

5- vfHk0; fDr i {k ea fu[kkj ykukA

ch-, -f0nrh; वर्ष ऐच्छिक हिंदी— fuc/k rFkk dFkrj x |

**उद्देश्य:**

1- Nk=ka dks fuc/k l s i fj fpr dj kukA

2- Nk=ka dks fuc/k ds fofHkUu i/nfr; ka dk i fjp; dj kukA

3- छात्रों में चिंतन,मनन करते हुए सृजनशील बनाना।

4- fuc/k ea fopkj ieq[k gkrh gS bl vk/kkj ij Nk=ka dks fopkj oku cukukA

5- dYi uk vkj भाषिक क्षमता का निर्माण करना।

## ch-, -तृतीय वर्ष हिंदी— DSE HIN-I fgnh l kfgR; dk bfrgkl

### उद्देश्य:

- 1- fgnh l kfgR; ds c'gr bfrgkl dk i f j p; dj kukA
- 2- हिंदी साहित्य की सृजन की पृष्ठभूमि को समझना।
- 3- l kfgR; d i zofr; k dh ijEijk dks l e>ukA
- 4- l kfgR; ds ek/; e l s thoueW; k एवं जीवन दर्शन को समझना।
- 5- भाषाई शिल्प के परिवर्तनो को समझना।
- 6- fgnh l kfgR; ds vkfndky rFkk jhfrodky dk l f{klr i f j p; nsukA
- 7- HkfDrdky rFkk vk/kfud dky dh i zofr; k l s Nk=k dks voxr dj kukA

egRo %

bfrgkl dk v/; ; u egRo i w k l gD; k d bfrgkl dh i p j k ofr gsrh gS इसलिए किसी भी साहित्य के इतिहास का अध्ययन भविष्यकालीन निर्माण में अत्यंत आवश्यक होता है। साहित्य की परिस्थितियाँ और प्रवृत्तियाँ हमारे वर्तमान thou dks cukus e l g; ks nsrh gA rRdkyhu thoueW; ]thou दर्शन,समस्याएँ,संस्कृति का वर्तमान से सह-संब/क l ekfi r gksdj u; s thou vkj dykvk dk fuekz k gkrk gA

## ch-, -तृतीय वर्ष हिंदी— DSE HIN-II साहित्यशास्त्र

### उद्देश्य:

- 1- साहित्य का शास्त्रिय पध्दति से अध्ययन करukA
- 2- साहित्यशास्त्र के महत्व को प्रतिपादित करना।
- 3- छात्रों में साहित्य के प्रति शास्त्रीय दृष्टिकोन विकसित करना।
- 4- शब्द vkj vFkk d s l Ecu/kk dks l e>ukA
- 5- आलोचना की मानवीय सहज प्रवृत्ति का साहित्यिक विश्लेषण करना।

egRo %

शिक्षा ज्ञानवर्धक का साधन है। सांस्कृतिक जीवन का माध्यम है। अपनी {kerkvk dk i w k l mi ; ks djrs gq, thou thus dh dyk ds l kFk l kFk व्यक्तित्व के विकास का पथ-प्रदर्शन भी है। इन कलाओं के माध्यम से ही मनुष्य अपने जीवन को आनंदमय बना सकता है। आधुनिक तकनीकी युग e

साहित्य की शास्त्रियता मनुष्य जीवन का एक मात्र आधार सिद्ध होती है। अतः साहित्य का शास्त्रिय दृष्टिकोण से अध्ययन होना आवश्यक है।

## Ch-, -तृतीय वर्ष हिंदी- DSG HIN-I हिंदी भाषा

### उद्देश्य:

- 1- हिंदी भाषा के प्रति छात्रों में रुचि उत्पन्न करना।
- 2- भाषा के स्वरूप को समझना।
- 3- हिंदी भाषा के प्रयुक्त क्षेत्रों का परिचय करना।
- 4- भाषाई वैविध्य वाले भारत देश में हिंदी के महत्व को समझना।
- 5- प्राद्योगिकी के युग में हिंदी भाषा की उपयोगिता को समझना।
- 6- हिंदी भाषा के विकास के अर्थ और कारणों का अध्ययन करना।

उद्देश्य %

हिंदी संस्कृत, प्राकृत, पालि, अपभ्रंश आदि पाठकों से गुजरकर हिंदी भारतवासियों के दिल की धड़कन बनी। यदि भारत की भाषाओं का इतिहास उठाकर देखे तो पता चलता है कि हिंदी किसी न किसी रूप में अपनी सहोदर भाषाओं को अपना सहयोग प्रदान करती रही है। भाषा मानवीय है। भाषा इसलिए भाषा के स्वरूप, प्रयुक्त क्षेत्र और उसकी उपयोगिता का अध्ययन करना आवश्यक है। हिंदी भाषा आज केवल विचारों के आदान-प्रदान का साधन न होकर वह नये नये रोजगारों के अवसर भी निर्माण कर रही है। वैश्वकरण के बदलते परिवेश में हिंदी भाषा के विकास के अर्थ और कारणों का अध्ययन करना आवश्यक है।

## Ch-, -तृतीय वर्ष हिंदी- DSG HIN-II भाषा शिक्षण

### उद्देश्य:

- 1- भाषा शिक्षण के महत्व को प्रदीपादित करना।
- 2- हिंदी भाषा के व्याकरणिक कोटियों को समझना।
- 3- भाषाई शुद्धता एवं कुशलता के माध्यम से रोजगार के अवसर बढ़ाना।
- 4- भाषाई परिवेश में परंपरागत भाषाई मौलिकता और लोकभावनाओं को



egRo%

भाषा मानविय भावनाओं एवं विचारों को अभिव्यक्त करने का सशक्त माध्यम है। भाषा से ज्ञान प्राप्ति एवं अभिव्यक्ति संभव है। अंतः भाषा शिक्षण के माध्यम से भाषाई शुद्धता एवं प्रयोग कुशलता से रोजगार के अवसर प्रदान किए जा सकते हैं। विज्ञान एवं प्राद्योगिकी के उत्तरोत्तर विकास से बीसवी शताब्दी में औद्योगिक क्रांति आयी। अब इक्कीसवी शती में सूचना क्रांति हुई। हिंदी भाषा की उपादेयता बढ़ी। क्र. | s i æk f. kr gkrh gsf d ; g gekj s cg d a[ ; ykगों की भाषा है साथ ही वह साहित्य की भाषा होते हुए इसमें विज्ञान तथा व्यापार की अद्यतन जानकारियाँ हैं। इसलिए भाषा शिक्षण का महत्व अक्षुण्ण है।

ch-, -f0nrh; ] तृतीय वर्ष हिंदी भाषा कौशल विकास

उद्देश्यः

- छात्रों में व्यवसायभिमुख कौशल विकसित करना।
- कौशल के vusd {ks=k | s fgnh dks t kMukA
- छात्रों में लेखन कौशल विकसित करना।
- Nk=k dks jkstxkj ds vol j k | s i f j f p r , o a i f j r d j u k A
- छात्रों को कौशल के माध्यम से सम्पूर्ण व्यक्तित्व को विकसित करना।
- कौशल विकास के माध्यम से राष्ट्र निर्माण में योगदान देना।

egRo%

दलते वैश्विक परिदृश्य में आज अर्थ महत्वपूर्ण हो गया है जिसके परिणाम स्वरूप बाजारवाद को बढ़ावा मिला है। अतः शिक्षा क्षेत्र में भी पारंपारिक शिक्षा के साथ-साथ कौशल विकास के माध्यम से छात्रों की कार्यकुशलता बढ़ाना वर्तमान समय की मांग है। विश्व में भारत की 'युवाओं का राष्ट्र' ऐसी पहचान बन रही है। इस युवाशक्ति की क्षमता को राष्ट्रनिर्माण के लिए उपयोग में लाना आवश्यक है। इसलिए युवाओं में कौशल विकास का होना आवश्यक है। विज्ञान एवं औद्योगिकी, अभियांत्रिकी, चिकित्सा, विधि तथा प्रबंधन में हिंदी भाषा कौशल

vR; kf/kd ek=k e fn[ kkbz nsrk gA

## , e-, -प्रथम वर्ष हिंदी— प्राचीन एवं मध्यकालीन कविता— बीजपत्र 1

### उद्देश्य:

- 1- fgnh dh i kphu , oa e/; dkyhu dfork dk i fj p; gksxkA
- 2- rRdkyhu dforkvka ds Onjk crk, x, eM; ] HkfDr vkfn dk i fj p; gksxkA

## , e-, -प्रथम वर्ष भाषाविज्ञान एवं हिंदी भाषा & chti = 2

### उद्देश्य:

- 1- हिंदी भाषा उदभव,विकास का परिचय होगा।
- 2- भाषा का महत्व,भाषा के अंग आदि का विश्लेषण किया जाएगा।
- 3- भाषा अध्ययन की पध्दतियों का परिचय किया जाएगा।

## , e-, -प्रथम वर्ष fgnh l kfgR; dk bfrgkl & chti = 3

### उद्देश्य:

- 1- fgnh l kfgR; ds bfrgkl l s Nk=ka dks i fj fpr dj kukA
- 2- l kfgR; ds bfrgkl ys[ku dh i j .kkvka l s Nk=ka dks i fj fpr fd; k tk, xkA

## , e-, -प्रथम वर्ष नाटय साहित्य – बीजपत्र 4

### उद्देश्य:

- 1- fgnh ds ukVd rFkk , dkadh fo/kk dk i fj p; gksxkA
- 2- jxep l x/kh ckfj fd; ka dk v/; ; u fd; k tk, xkA
- 3- ukVd rFkk , dkadh ds अध्ययन, मंचन के बाद छात्रों में अभिनय का आकर्षण fuekz.k gksxkA
- 4- ufrd eM; ka dk l x/kA A

egRo%

- हिंदी विषय का सखोल ज्ञान प्राप्त हो जाएगा।
- fgnh | kfgR; dks i <us | s Nk=kā eā thou dh vksj ns[ kus dk सकारात्मक दृष्टिकोन निर्माण होगा।
- fgnh Hkkषा के भाषिक कौशल्या आत्मसात कर समाज से प्रभावी रूप में l økn LFkkfi r dj | dxxkA
- fgnh | kfgR; i <us | s Nk=kā dks vi uh ftEenkjh dk , gl kl gksxkA
- fgnh | kfgR; dh fofHkUu fo/kkvkā dk v/; ; u dj | ekt dks i gpkuus eā enn feyxhA
- fgnh | kfgR; | s i klr eW; ; kā dh i gpku gksxhA

## , e-, -व्दितय वर्ष आधुनिक कविता— बीजपत्र 5

उद्येश्य:

- 1- हिंदी की आधुनिक कविता के आधार पर छात्रों में देशप्रेम,राष्ट्रीय भाव निर्माण gksxkA
- 2- dfork ds ek/; e | s izdfr dk egRo crk; k tk, xkA
- 3- dfork iæ tš s dkæy Hkko]ml dk egRo | j yrk | s | e > kus eā | gk; d gÅ , e-, -f0nrh; वर्ष समीक्षा सिध्दांत& chti = 6

उद्येश्य:

- 1- भारतीय और पाश्चात्य समीक्षा की पध्दतियों का परिचय होगा।
- 2- साहित्य का प्रयोजन स्पष्ट होगा।
- 3- साहित्य की भाषा और उसके प्रकारों का परिचय होगा।
- 4- | kfgR; vksj thou dk i kjLi kfj d | æ/k crk; k tk, xkA

, e-, -f0nrh; वर्ष fgnh x | | kfgR; & chti = 7

## उद्देश्य:

- 1- fgnh x | dh fofHkUu fo/kkvk dk i fj p; gksxkA
- 2- fuc/k dk Lo: i ]ml ds izdkj fuc/k dk egRo vkfn l s i fj p; gksxkA
- 3- js[kkfp=]thouh]Mk; jh] vkRedFkk vkfn fo/kkvk l s thou dk i fj p; gksxkA

, e-, -f0nrh; वर्ष जनसंचार माध्यम & chti = 8

## उद्देश्य:

- 1- कार्यालयीन हिंदी भाषा का परिचय होगा।
- 2- jkstxkj ds {ks= e fgnh dk egRo crk; k tk, xkA
- 3- tul pkj ds fof/k vk; kek dk i fj p; gksxkA
- 4- हिंदी भाषा और व्यवहार का तालमेल से परिचित किया जाएगा।
- 5- foKki u]l huek vkfn {ks=k e jkstxkj ds vol j crk, tk, xA



## **M. Sc. First Year, Semester-I**

### **Inorganic Chemistry – I Paper: I (CH-411)**

After completion of this course the students will be able to

1. Learn various approaches in analyzing structures of simple molecules.
2. Understand the proposed pathways for reactions taking place in coordination complexes such as substitution reactions, redox reactions etc. and the various factors affecting to rates of these reactions.
3. Learn about mechanisms proposed for reactions taking place in coordination complexes, and will be able to understand to explain the product formation based on these mechanisms.
4. Understand how to construct molecular orbital diagrams for simple molecules as well as coordination complexes.
5. Draw molecular orbital diagrams for sigma and pi bond formation in coordination complexes and will be able to understand and explain the difference between respective molecular orbital diagrams.

### **Organic Chemistry – I Paper: II (CH-412)**

After completion of this course the students will be able to

1. Understand the various types of Reaction Mechanism.
2. Adopt the concept of Bonding in Organic Molecules.
3. Learn the concept of Stereochemistry and to identify the Stereo chemical reactions.
4. Explain the various problems of aromaticity, homoaromaticity and antiaromaticity.
5. Familiarize the various types of Substitution reactions and their mechanism.

### **Physical Chemistry – I Paper: III (CH-413)**

After completion of this course the students will be able to

1. Explain basic concepts, laws and postulates of quantum mechanics.
2. Describe different wave functions and operators.
3. The Schrodinger wave equation for the calculation of Energies of rigid rotor and harmonic oscillator and solve it for hydrogen atom.

4. Explain the concept of angular momentum.
5. Describe the electronic structure of atoms.

#### **Physical Method in Chemistry Paper: IV (CH-414)**

After completion of this course the students will be able to

1. Understand how to recognize symmetry elements in a molecule.
2. Assign the point group to a molecule.
3. Deal with degenerate and non-degenerate representations.

### **M. Sc. First Year, Semester-II**

#### **Inorganic Chemistry Paper: VI (CH-421)**

After completion of this course the students will be able to

1. Learn basic terms regarding electronic spectra of coordination complexes, interpretation of electronic spectra and various important parameters necessary for it, drawing of Orgel and T-S diagrams used for electronic spectra, prediction of possible electronic transitions present in electronic spectra of coordination complexes etc.
2. Understand magnetic nature of complexes, measurement of magnetic moment in coordination complexes, prediction of magnetic nature of complexes using spin only formula.
3. Learn the terms such as diamagnetic and paramagnetic nature of coordination complexes, difference between them, anomalous magnetic moments, spin cross over etc.
4. Understand the chemistry of carbonyl and nitrosyl molecules, their application as ligand molecules in complex formation, structure and bonding present in various carbonyl and nitrosyls complexes, applications etc.
5. Learn chemistry of boranes, carboranes and metal clusters, the concept of 3C-2e bond used to explain structural aspects in boranes and carboranes, polyhedral skeletal electron pair theory and its applications in explaining structures of metal clusters etc.

#### **Organic Chemistry Paper: VII (CH-422)**

After completion of this course the students will be able to

1. Gain the knowledge of addition reaction between a hetero atom and double bonded carbon compounds.

2. Learn familiar name Reaction
3. Obtain an outline about mechanism of Aromatic Substitution reactions
4. Know synthetically the process relevant Organic –Chemical reactions and be able to discuss the mechanism of these reactions.
5. Understand the skill of solving problems of pericyclic reactions

#### **Physical Chemistry Paper: VIII (CH-423)**

After completion of this course the students will be able to

1. Understand the basic concepts and properties of surfactants and macromolecules
2. State and apply different laws, principles, theories related to the electrochemistry of the solutions.
3. Discuss and apply the information about corrosion, its monitoring and presentation.
4. Distinguish different theories of reaction rates.
5. Understand the kinetics of complex reactions, catalysis etc.

#### **M. Sc. Second Year, Semester-III**

##### **Advanced Spectroscopic Methods Paper–XV, [OCH-511]**

After completion of this course the students will be able to

1. Learn the structure determination of organic molecules by spectroscopic methods.
2. Know the use electronic spectroscopy to determine absorption maximum in dienes, enones and aromatic compounds.
3. Know the applications of IR spectroscopy for functional group determination.
4. Learn the structure elucidation of organic compounds by PMR spectroscopy.
5. Gathering basic knowledge to know the position of carbon in carbon compounds.

##### **Natural Products Paper–XVI, [OCH-512]**

After completion of this course the students will be able to

1. Structure elucidation, degradation, applications, stereochemistry of Vitamins, Terpenoids, Steroids.
2. Synthetic methods for total synthesis of natural products.
3. Medicinal Application of different natural products.



4. Rotenones, pyrethroids, prostaglandins and their applications.

#### **Organic Synthesis Paper–XVII, [OCH-513]**

After completion of this course the students will be able to

1. To understand the Dakin reaction, Etard reaction, HVZ reaction, Umpolung synthesis and Stephen reaction.
2. To know about the Barton reaction, Jones oxidation, Oppenauer oxidation and Michel addition.
3. To familiarize the different types of reduction reaction.
4. To learn about the synthesis and applications of the organic reagents like 9-Borabicyclo(3.3.1)nonane (9-BBN) and n-butyl lithium .
5. To learn the synthesis and applications of the organic reagents like CAN, DCC, Grignard reagent, LDA, Gilman reagent, NBS and PCC.

#### **Elective: Green Chemistry Paper–XVIII, [EOCH-514]**

After completion of this course the students will be able to

1. Learn about the different enzymes participating in the chemical reactions inside the body and their functions.
2. Study about the different oxygen carriers present in the body with their structure and Stereochemistry.
3. To study in detail about nitrogen fixation reactions and microorganisms involved in nitrogen fixation reactions.
4. To know about the biological redox systems and their classifications.
5. To create awareness about metal toxicities, their detection and permissible levels.

### **M. Sc. Second Year, Semester-IV**

#### **Advanced Heterocyclic Chemistry Paper–XX, [OCH-521]**

After completion of this course the students will be able to

1. This course aims at giving a fundamental theoretical understanding of heterocyclic chemistry, including alternative general methods for ring synthesis and application of such methods for the preparation of specific groups of heterocyclic systems.

2. Familiar with particular properties and reactions for the most important heterocycles as well as different systems of nomenclature.

### **Advanced Organic Chemistry Paper–XXI, [OCH-522]**

After completion of this course the students will be able to

1. The basic Principles of Green Chemistry.
2. Applications and uses of Green catalysts and Reagents.
3. Use of Ionic Liquids and PTC in Green Synthesis.

### **Organic synthesis: Retro synthetic Approach Paper–XXII, [OCH-523]**

After completion of this course the students will be able to

1. Persuade the subject specific knowledge as well as relevant understanding of the Retrosynthesis
2. The academic and professional skills required for Chemistry-based professions.
3. Learning experiences gained from this Disconnection approach is important for industrial purpose.

## **Course out Come P G**

### **M.Sc. Dairy Science ( First Year)**

#### **Paper – I Advances in Livestock Production and Management**

After the successful completion of this course the students will be able to :

- CO 1 Provide recent knowledge of dairy farming.
- CO2 Provide knowledge regarding animal management and production.
- CO3 Learn role of computer's in animal production.
- CO4 Appreciate contribution of livestock sector to GDP and national income
- CO5 Preparation of Project report for finance.

#### **Paper – II Market milk Industry**

After the successful completion of this course the students will be able to :

- CO1 Know organized and unorganized marketing system.
- CO2 Give Knowledge of major aided projects like NDDB, operation flood.
- CO3 Understand Dairy development policy in India.
- CO4 Solve the problems of return and unsold milk of any dairy plant.
- CO5 Understand milk production, Utilization and Consumption pattern, seasonal and regional Variation.

#### **Paper – III Dairy Chemistry – I**

After the successful completion of this course the students will be able to :

- CO1 Know constituents of milk,
- CO2 Understand physical and Chemical nature of cow, buffalo sheep and goat milk.
- CO3 Learn chemistry of casein micelle.
- CO4 Appreciate phospholipids and their significance in dairy products.
- CO5 Establish a laboratory for chemical analysis of milk

#### **Paper – IV Dairy Technology – I**

After the successful completion of this course the students will be able to :

- CO1 Understand the classification of indigenous dairy products.
- CO2 Appreciate the heritage of Indian dairy products.
- CO3 Understand packaging hardening storage and defects of Indian and western dairy products.
- CO4 Know the knowledge of establishment of dairy plant.

#### **Paper - VI Advance in Animal Nutrition and Breeding .**

After the successful completion of this course the students will be able to :

- CO1 Understand animal feed technology.
- CO2 Know Feeding strategies to enhance animal productivity.
- CO3 Know new trends in feeding dairy animals. Understand legal standards and quality control in feed industry.
- CO4 Appreciate breeding strategies and programs for cattle and buffalo.
- CO5 Provide knowledge regarding synchronization of estrus, super ovulation, ETT etc.

#### **Paper VII Quality assurance in Dairy Industry.**

After the successful completion of this course the students will be able to :

- CO1 Provide knowledge regarding importance of quality of milk.
- CO2 Provide knowledge regarding recent trends in quality management and quality assurance.
- CO3 Understand the technical aspects of quality control for various dairy equipments.
- CO4 Appreciate various tests procedures related to maintenance of quality of milk.
- CO5 Make awareness about statutory regulations.

### **Paper VIII Dairy Chemistry – II**

After the successful completion of this course the students will be able to :

- CO1 Understand the chemistry of milk carbohydrates and minor milk constituents.\
- CO2 Appreciate the significance of Lactose in various milk products.
- CO3 Know the Chemical nature of minor milk constituents and their significance in product preparation.
- CO4 Understand the qualities of metals used in Dairy industry.
- CO5 Join the duties in any dairy plant as chemist.

### **Paper – IX Dairy Technology – II**

After the successful completion of this course the students will be able to :

- CO1 Understand the methods of manufacture using of condensed milk, sweetened condensed milk and evaporated milk.
- CO2 Know PFA,BIS, and international standards.
- CO3 Learn Ultra filtration and reverse osmosis like new techniques used in dairy industry.
- CO4 Understand the history, status and scope of dairy byproducts.
- CO5 Appreciate composition and importance, of whey beverages whey concentrates and whey powder.

**M.Sc. S.Y.**

**Paper No. XI Dairy Engineering- I**

After the successful completion of this course the students will be able to :

- CO1 inculcate the knowledge regarding various engineering materials used in dairy industry.
- CO2 Installation and operations of various equipments and machines used in dairy plant.
- CO3 Appreciate the Unit operations in dairy processing plant.
- CO4 Understand the knowledge of various layout procedures.
- CO5 Start a workshop and provide knowledge of design and layout of dairy plant.

**Paper – XII Dairy Microbiology - I**

After the successful completion of this course the students will be able to :

- CO 1 To provide advanced knowledge of various aspects of dairy microbiology.
- CO2 Know advances in dairy microbiology.
- CO3 Provide the recent techniques in Dairy microbiology.
- CO4 Provide the knowledge about fermented dairy products.
- CO5 Understand recent developments in dairy industry like starter concentration starter distillates and D.V.S. Cultures.

**Paper- XIII Dairy Engineering - II**

After the successful completion of this course the students will be able to :

- CO1 Know the installation and working principles of various equipments and machineries.
- CO2 Know the conveying methods used in dairy plant.
- CO3 Learn the installation of storage tank and milk silo.
- CO4 Provide knowledge of CIP Process used at dairy plant.
- CO5 Provide knowledge of mechanical can washing. Can washing and bottle washing.

**Paper – XIV Dairy Business management and co - operation .**

After the successful completion of this course the students will be able to :

- CO1 Appreciate the challenges and opportunities of dairy entrepreneurs in India.
- CO2 Understand the various Principle of co operation and co-operative movement for dairy industry.
- CO3 Know financial management and cost accounting with respect to dairy industry.
- CO4 Learn the demand and supply of milk and milk products.
- CO5 Provide the knowledge of marketing management of milk and milk products and pricing policies of milk procurement.

**Paper - XVI Packaging and quality Assurance**

After the successful completion of this course the students will be able to :

- CO1 Appreciate the utilities of packaging necessary for dairy industry.
- CO2 Understand the role of various packaging materials for milk and milk products.
- CO3 Know the trends in packaging materials in dairy industry.
- CO4 Understand the importance of quality assurance in dairy sector.
- CO5 Understand international food safety and quality system certification.

**Paper No. XVII Dairy microbiology - II**

After the successful completion of this course the students will be able to :

- CO1 Know the microbiology of indigenous and western dairy products.
- CO2 Know the microbiological standards for milk and milk products.
- CO3 Understand the microbiology of whey, buttermilk, of ghee residue like by products.
- CO4 Appreciate the microbiology of frozen dairy products.
- CO5 provide the knowledge to entrepreneurs regarding shelf life and quality of different Dairy Products.

### **Paper No. XVIII Dairy plant management**

After the successful completion of this course the students will be able to :

- CO1 Know the principles and functions of Dairy plant management.
- CO2 Understand the various ways and means of plant management.
- CO3 Appreciate the recent concept in the production management and food hygiene.
- CO4 Learn the Process of sanitations and dairy waste disposal.
- CO5 Provide the Knowledge of dairy plant design and types of dairy plant layout.

### **Paper No. XIX Heritage Dairy Products of India**

After the successful completion of this course the students will be able to :

- CO1 Understand eastern regional milk products.
- CO2 Provide the technology of western regional products manufacturing.
- CO3 Know the composition and nutritional value of paysum phirni, kunda etc.
- CO4 Appreciate the technology of manufacturing of padusha, milk coke, kurchan etc.
- CO5 Understand the method of manufacturing and different dairy product in different regions of our country.



**Maharashtra Udayagiri Mahavidyalaya, Udgir**  
**Department of Economics**  
**Course Outcomes (MA Economics)**

Class	Paper Title and No.	Course Outcomes After completion of the course the students will be able to.....
MAFY Semester I & II	Micro Economics Analysis – I & V	1. understand the principles of microeconomic theory.
		2. illustrate how microeconomic concepts can be applied to analyse real-life situations.
		3. use these concepts in the future to develop deeper understanding of the economy.
		4. understand of the basic concepts of economics with the help of mathematics;
		5. analyse economic theories by mathematical methods.
	Macro Economics Analysis – II & VI	1. understand the functional relationship between the large aggregates.
		2. understand systemic facts and latest theoretical developments for empirical analysis.
		3. understand the principles of macroeconomic theory.
		4. think like an economist and the course will illustrate how macroeconomic concepts can be applied to analyse real-life situations.
		5. use these concepts in the future to develop deeper understanding of the economy.
	International Economics – III & VII	1. understand the principles of International trade theories.
		2. study the impact of the trade policies and its welfare implications.
		3. understand the globalised world and its impact on income, employment and social standards.
		4. understand the functional relationship between the domestic markets with the world market.
		5. analyse the distribution of gains from trade to north and south with particular reference to India.
	Mathematical Economics – IV & VIII	1. learn basic concepts in mathematics applicable to economics;
		2. understand how various mathematical tools are used in economics research
		3. grasp recent developments in economics and their mathematical forms.
		4. encouraged to perform economic research by using mathematical tools and techniques.
		5. understand of how to frame economic models in mathematical format

Class	Paper Title and No.	Course Outcomes After completion of the course the students will be able to.....
MASY Semester III & IV	Indian Economic Policy – IX & XIII	1. review major trends in economic indicators and policy responses to the issues faced by the economy.
		2. study the paradigm shifts and turning points in the evolution of the economy.
		3. study the sectorial development by using analytical framework and explore policy options for appropriate response.
		4. understand the development paradigm adopted in India since independence
		5. evaluate policy impact on economic as well as social indicators of progress and well-being.
	Public Economics – X & XIV	1. study the government policies from the point of view of economic efficiency and equity.
		2. understand the nature of government intervention and its implications for allocation, distribution and stabilization.
		3. analyse the government's taxation and expenditure policies.
		4. understand topics including public goods, market failure and externalities.
		5. demonstrate their understanding of the public economics.
	Econometrics – XI & XV	1. understand concepts of elementary econometrics that enables the study of empirical form of economic theory.
		2. understand of the basic theories of econometrics with the help of statistics and mathematics.
		3. analyse the economic concepts by econometric methods.
		4. prepare for the research in economics by using quantitative methods.
		5. relate themselves to the advanced techniques of economic analysis.
	Quantitative Techniques – XII & XVI	1. study the quantitative tools of basic as well as advances statistics that enables the study of economic theory.
		2. understand the basic concepts which leads to research in economics.
		3. analyse economic theories and research by quantitative methods.
		4. understand the other branches of economics like econometrics, research methodology etc.
		5. understand how to collect, organize and interpret the data by using statistical tools

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. First Year Optional History**

**Paper - I**

**History of Ancient India (upto 647 A.D. )**

**Course Outcomes :**

Co1: To understand the historical advancement of Ancient India from stone age to 647 A.D.

CO2 :: To understand the the cultural history of Indus valley civilization and Vedic age

CO3 :To develop the broad view about the religious development in Ancient India.

CO4 : To create interest among studenta about Ancient periods Empire and Dynasty.

CO5 : To introduce to student about the contribution of various king in Ancient India.

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**Paper - II**

**History of India (648 to 1526A.D.)**

**Course Outcomes :**

C01 : To understand the historical events from 648 A.D. to 1526 A.D..

Co2 : To understand the Archaeological and Literary sources.

C03 : To develop a broad view about various dynasty.

C04 : To creat an interest among the students about muslim invasions and  
Dynasty.

C05 : This paper is useful to understand the political History.

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**B.A. Second Year Optional History**

**Paper - HIS - I**

**Chhtrapati Shivaji and his Times(1630 to 1707A.D. )**

**Course Outcomes :**

CO1: To understand the real history of Chhtrapati Shivaji and his Times.

CO2 : To understand the benevolent nature of Chhtrapati Shivajis regime.

CO3 : To focus contribution of Chhtrapati Shivaji in building an independent swarajya.

CO4 : To introduce the various policies regarding agriculture, water management, Enviroment and Scientific aooroach of Chhtrapati Shivaji Maharaj.

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**B.A. Second Year Optional History**

**Paper - HIS - II**

**History of India(1526 to 1707A.D. )**

**Course Outcomes :**

CO1 : students will understand the historical of Mughal period 1526 to 1707  
A.D..

CO2 : students will understand the political aggressiveness of Mughal and  
British in this age.

CO3 : It will develop the broad view about the religious development of  
Mughal and British in india.

CO4 : To create interest among students about Mughal Empire and British  
rule.

CO5 : It will introduce the students about the contributions of Mighal Badshah  
and British governors.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Third Year Optional History**

**Paper - HIS - I**

**History of Modern India(1857 to 1947A.D. )**

**Course Outcomes :**

C01 : To introduce India freedom struggle Movements in broad manner.

C02 : To instill the spirit of nationalism among students.

C03 : Make the students responsible citizen of the nation.

C04 : To inculcate moral qualities like Devotion ,Unity ,Fraternity,

Brotherhood in students.

C05 : To make the students aware of criticizing.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**B.A. Third Year Optional History**

**Paper - HIS - II**

**Social Reformers in Modern Maharashtra**

**Course Outcomes :**

C01 : To acquaint the students with social change process in Modern Maharashtra.

C02 : To introduce the educational development in Modern Maharashtra.

C03 :To generate curiosity to study the Modern times History Of Maharashtra.

C04 : To enhance the perception ability of the students.

C05: To widen the broad view of the students about the society.



**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional History**

**Paper - I**

**HISTORIOGRAPHY**

**Course Outcomes :**

After successfully completing the course the students will be able to :

C01 : To orient students about how history is studied written and understood.

C02 : To explain method and tools of data collection.

C03 : To understand the meaning of evolution of Historiography.

C04 : To study the various views of Historiography .

C05: To introduce student to the basic of research .

C06 : Learn how to use sources in their presentation.

C07: To study the types and writing histories.

C08 : To study the Indian Historiography.

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**Department Of History**

**M.A. First Year Optional History**

**Paper - II**

**India After Independence**

**Course Outcomes :**

C01: To explain the major events after the independence of India.

C02: To explain the achievements of leaders after independence.

C03: To Understand the developmental process of India.

C04: To study the Agricultural and Educational drastic change in India.

C05 : To contribute effectively towards the building of nation.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. First Year Optional Histor**

**Paper - III**

**History Of Modern Marathwada**

**Course Outcomes :**

C01: To explain the major events in Modern Marathwada.

C02: To explain the achievements of leaders in Hyderabad freedom struggle.

C03: To Understand the developmental process of freedom struggle of  
Hyderabad.

C04 : To study the social and political condition in Hyderabad state.

C05 : To make preparation for competitive examination.

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**Department Of History**

**M.A. First Year Optional History**

**Paper – IV**

**History Of Indian Art and Architecture**

**Course Outcomes :**

CO1: To enrich the historical understanding of the student with reference to creative art

CO2: To unfold aesthetic prosperity of Indian art.

CO3 : To give wide exposure to the Indian art through site visit and visual effects.

CO4 : Student should have preliminary knowledge of Indian History.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional Hist**

**Paper – IX**

**Women's In Indian History**

**Course Outcomes :**

- CO1 : To this paper will help students to develop critical understanding about womens status in Ancient,Medieval and Modern India.
- CO2: To make acquainted the students with the contribution of the Women Reformers.
- CO3 : It will help them to recognize the feminist views on various issues.
- CO4 : It will give them knowledge about various ideas of justice ,criminal offences and violence relating to women.
- CO5 : The student are known about the Indian History.

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**Department Of History**

**M.A. Second Year Optional History**

**Paper - X**

**History of Modern Maharashtra**

**Course Outcomes :**

- CO1 : The students should learn the reform movement in Modern Maharashtra in detail.
- CO2 : To make acquainted the students with the contribution of the Reformers.
- CO3 : The history of social & political change will be reassessed in this paper.
- CO4 : Student should know the historical importance of reform movement in Maharashtra.
- CO5 : The students are known about the modern Maharashtra.

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**Department Of History**

**M.A. Second Year Optional History**

**Paper – XI**

**History of Modern world (1775A.D.-1945 A.D.)**

**Course Outcomes :**

- CO1: To understand importance of international events through the study of History of world.
- CO2 : To criticize the various ideologies and motivational elements.
- CO3 : To enable students to understand economic transition in Europe during the 18<sup>th</sup> and 19<sup>th</sup> Century.
- CO4 : To understand the importance of events & development that encouraged the global unity.
- CO5 : To make aware about the disadvantages of dictatorship.

**MAHARASHTRA UDAYAGIRI MAHAVIDYALAYA , UDGIR**

**Department Of History**

**M.A. Second Year Optional History**

**Paper - XII**

**TOURISM**

**Course Outcomes :**

- C01 : To introduce the students to the Indian art from past to present.
- C02 : To orient students about how Tourism is studied and understood.
- C03 : To give wide exposure to the Indian art through site visits and visual effects.
- C04 : To understand the meaning of evolution of Tourism.
- C05 : To create awareness to conserve the historical heritage by way of establishing the museums.
- C06 : To study various views of Tourism.