



REGIONAL INSTITUTE OF EDUCATION

(National Council of Educational Research and Training)

**SHYAMALA HILLS,
BHOPAL.**

PLOs & CLOs

Courses

- **Integrated 4 Year B.Sc B.Ed.**
- **Integrated 4 Year B.A B.Ed.**
- **2 Year B.Ed.**
- **2 Year M.Ed.**
- **Integrated 3 Year B.Ed. M.Ed.**

Regional Institute of Education, Bhopal

B.Sc. B.Ed. 4 Year Integrated Programme

Programme Learning Outcomes (PLO)

On successful completion of the four-year integrated B.Sc. B.Ed. programme, the students will be able to:-

- Conceptualize disciplinary knowledge in Science including Physics, Chemistry, Botany, Zoology and Mathematics.
- Select and use learner centric constructivist approaches, strategies and methods such as inquiry based, cooperative and collaborative learning; necessary competencies for organizing learning experiences; and designing appropriate assessment strategies for facilitating Science and Mathematics learning.
- Design, develop and evaluate Science and Mathematics concepts.
- Integrate Technology, Pedagogy and Content (TPACK) in Science including Physics, Chemistry, Botany, Zoology and Mathematics curriculum.
- Exhibit 21st century skills in research, teaching and professional practices, including assessment, administration, supervision, curriculum design and development.
- Communicate effectively the acquired knowledge with scientific community and society at large and apply ICT for better delivery in classroom and beyond.
- Apply disciplinary knowledge to solve varied problems, including problems related to teaching-learning and assessment.
- Identify the classroom diversities and deal with diverse learners in inclusive classroom setup.
- Demonstrate core capacities and skills in career counseling, curriculum development, instructional technology, educational planning and research, etc.
- Exhibit self-directed learning and assessment, e.g. reading with comprehension, preparing scripts for seminars, self-assessment, habit of reading, metacognition, etc.
- Exhibit entrepreneurship and employability skills in different fields of science, mathematics and education.
- Work as a team member or leader in inter-disciplinary and multi-disciplinary settings through collaborative learning, cooperative learning and team teaching during internship/project work.
- Practice Research and Scientific enquiry to promote scientific temper and contextualized learning.
- Apply knowledge, scientific principles and pedagogy in managing projects.
- Mobilize community to promote scientific temper and scientific practices so as to contribute to the advancement of evidence-based rational knowledge.

Semester wise Course Learning Outcomes

I Semester

Physics

Course Learning Outcomes: (CLOs)

- Identify Mathematical methods and techniques applicable in different branches of physics. These methods are essential for a student to solve any sort of physical problem.
- Understand different mathematical techniques and concepts useful in study of physics.
- Differentiate between scalar and vector fields and understand gradient of scalar field and divergence and curl of vector fields.
- State the conservation principles involving momentum, angular momentum and energy and understand that they follow from the fundamental equations of motion
- Understand Newton's laws deeply.
- Learn about motion of a particle under central force field.
- Understand Kepler's laws of Planetary Motion and generalize it to satellites
- Solve problems of rigid and deformable bodies under gravitational, tensile and compressible force
- Understand how the phenomenon of relativity leads to time dilation and length contraction.

Chemistry

Course Learning Outcomes: (CLOs)

- Define the terms involved in atomic structure, quantum numbers, wave mechanical model of an atom, probability density curves, radial probability distribution curves, structures of different orbitals, Chemical bonding and molecular structure.
- Explain the terms involved giving examples of different forms of solids, unit cells, crystal systems
- Fundamentals of solution and colligative properties

Mathematics

Course Learning Outcomes: (CLOs)

- Understand concept of matrices, operations in Matrices and solving equations
- Explain various trigonometric functions and summation of series
- Connect basic concepts of Algebra, Trigonometry and Vector Analysis with new ideas.
- Solve problems in the subject of Algebra, Trigonometry and Vector Analysis.
- Generalize some important theorems of Algebra, Trigonometry and Vector Analysis. .
- Understand the basic concepts of product of scalar and vector product of three vectors
- Differentiate between scalar and vector fields and understand gradient of scalar field and divergence and curl of vector fields.
- Understand the vector differentiation including curl, gradient and Divergence
- Enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Understand the fundamentals of Differential and Integral Calculus
- Make them familiar with the mechanism of deriving equations of surfaces in 2 and 3 dimensions.
- Connect basic concepts of Calculus and Geometry with new ideas.
- Solve problems of Calculus and Geometry.

- Explain asymptotes Quadrature and Rectification
- Enhance confidence level to teach the same subject
- Understand the equations of plane, sphere , cone and cylinder
- Increase their capacity to develop logics.
- Find out the revolution of solids and also find its volumes
- Generalize some important theorems of Calculus and Geometry.
- Verify content and concept of Mathematics papers M-1.1 and M-1.2 by using Mathematical software or computer programming language.
- Connect basic concepts of Mathematics papers M-1.1 and M-1.2 content with new ideas.
- Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
- Visualize some important theorems and concepts of the Mathematics papers M-1.1 and M-1.2 using Mathematical software or computer programming language.
- Demonstrate the concepts of Mathematics papers M-1.1 and M-1.2 through seminar etc.
- Understand applications of Mathematics papers M-1.1 and M-1.2.
- Use various application of Mathematics M-1.1 and M-1.2 with daily life problem.

BOTANY

Course Learning Outcomes: (CLOs)

- Understand the general characteristics of virus, their classification, ultra structure, and functional organization of Virus.
- Understand the general characteristics of Bacteria, their classification, ultra structure, and functional organization of Bacteria.
- Understand the general characteristics of Algae, their classification, ultra structure, and functional organization of Algae.
- Understand the general characteristics of Fungi, their classification, ultra structure, and functional organization of Fungi.
- Understand the general characteristics of Bryophytes, their classification, ultra structure, and functional organization of Bryophytes.
- Understand the general characteristics of Pteridophytes, their classification, ultra structure, and functional organization of Pteridophytes.
- Develop skills of staining of prokaryotes and cryptogams
- Impart skills of temporary and permanent slide preparations
- To enhance ability to identify the prokaryotes and cryptogamic plants.
- To familiarize the students with diseases and their causative agents.

Zoology

Course Learning Outcomes: (CLOs)

- Understand about the classification of invertebrate phyla
- Describe the general characteristics of various phyla.
- Describe the general features of various class of invertebrate phyla.
- Explain various internal characteristics and systems of various phyla.
- Comprehend important differentiating features of various phyla/class.
- Learn in detail various systems of representative animals of various phyla.

Electrical and Electronics

Work Education (Electrical & Electronics)

Course Learning Outcomes: (CLOs)

- Develop practical skills, problem solving skills, experimental skills in him.
- Collaborate effectively with others in group projects, communicate technical information clearly and effectively.
- Develop creative thinking for preparing new electrical and electronics devices.
- Understand the principles of functioning of electrical appliances.
- Develop practical skills in repairing, maintaining, and making electronic devices used in day-to-day life.
- Develop understanding of basic electrical and electronics sensors.
- Dismantle and assemble electrical and electronics devices.
- Installation and use P.A. system.
- Develop Design Thinking skills in project management, including planning, budgeting , and time management .
- Develop an understanding of ethical issues related to electrical and electronic work, such as responsible use of materials, environmental impact.

Agriculture

Work Education (Ornamental Horticulture)

Course Learning Outcomes: (CLOs)

- Students will be able to identify a wide variety of ornamental plant species, including their botanical names, common names, and key characteristics.
- Students will develop an understanding of the different growth habits and requirements of ornamental and be able to select appropriate plants for a given location and purpose.
- Students will learn about the cultural practices involved in caring for ornamental, including watering, fertilization, pruning, and pest management.
- Students will develop knowledge of landscape design principles, including the elements of design, site analysis, and the use of plant materials to create functional and aesthetically pleasing outdoor spaces.
- Students will develop critical thinking and problem-solving skills through hands-on activities, such as diagnosing and addressing plant health issues, and creating horticultural plans for specific settings.

Human development and Socio-cultural context

Course Learning Outcomes: (CLOs)

- Study concept of growth and development, factors influence development and individual difference in individuals
- Study the role of socio-cultural context in shaping human
- Development, especially with respect to the Indian context.

- Develop theoretical perspectives and understanding of dimensions and stages of human development and developmental tasks.
- Knowledge of stages and dimensions of development, views of Erickson, Piaget and Vygotsky on development will be developed
- Conceptualize nature of memory, transfer of learning, motivation and creativity and process of its development during growing up
- Understand nature of adolescence and life skills education and role of teacher counsellor and parents in dealing with adolescence problems.
- Focus on the nature of child abuse, substance abuse, peer pressure and its bearing on childhood and adolescence.

School Education in India: Historical Perspective

Course Learning Outcomes: (CLOs)

- Understanding processes how and why education system in India evolved over a period time.
- Understanding the socio-historical evolution Indian education system by drawing attention on history formal education system.
- Understanding culture, politics and economics that impacted school / university education in light Vedic, Buddhist, Islamic and British education systems.
- Introduce the systems education in historical perspective to appreciate education and its relation to socio-political, cultural and economic context
- Explain about formal school system in India in socio-historical context and its institutionalization.
- Appreciate the change and continuities in educational purposes, processes and practices in Indian Education
- Develop Historical Perspective on Contemporary Educational Issues and Problems

Health, Physical Education and Yoga-1

Course Learning Outcomes: (CLOs)

- Learn variety of motor skills and abilities related to lifetime leisure activities.
- Learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- Learn and improve understanding of movement and the human body.
- Learn and improve knowledge of rules and strategies of particular games and sports.
- Organized various activities on Yoga, Sports and Games on their working place.
- Provide hands-on experience by using various sports equipment.
- Conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- Understand how and why they move in a variety of situations and use this information to enhance their own skills.
- Exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- Demonstrate responsible personal behaviour while participating in movement activities.
- Demonstrate responsible social behaviour while participating in movement activities. Students will understand the importance of respect for others.
- Understand the relationship between history, culture and games.

II Semester

Physics

Course Learning Outcomes: (CLOs)

1. Explain the emission of radiation by a moving charge.
2. Solve problems related to electric fields, electric flux, electric potential, dielectrics and polarization vector.
3. Understand the basic mathematical concepts related to electromagnetic vector fields.
4. Apply the principles of electrostatics to the solutions of problems relating to electric field and electric potential, boundary conditions and electric energy density.
5. Apply the principles of magneto statics to the solutions of problems relating to magnetic field and magnetic potential, boundary conditions and magnetic energy density.

6. Understand the concepts related to Faraday's law, induced emf and Maxwell's equations.

Chemistry

Course Learning Outcomes: (CLOs)

1. Understand and explain the different nature and behaviour of organic compounds based on fundamental concepts learnt.
2. Understand the fundamental concepts of stereochemistry including R and S configuration.
3. Distinguish between the alkanes, alkenes and alkynes by giving examples.
4. Define various reactions concerning alkanes, alkenes and alkynes.
5. Understand preparation, properties and reactions of haloalkanes, haloarenes and oxygen containing functional groups.
6. Use the synthetic chemistry learnt in this course to do functional group transformations.

Mathematics

Course Learning Outcomes: (CLOs)

- Explain differentiate between the first order and second order differential equation
 - Distinguish between PDE and ODE
 - understand the concept of Differential Equations and their applications
 - explain the basic concepts of Vector Integration
 - to solve the problems based on Green, Gauss and Stokes
 - connect basic concepts of Differential Equations and Vector Calculus with new ideas.
 - Solve problems in the subject of Differential Equations and Vector Calculus.
 - enhance confidence level to teach the same subject
 - Increase their capacity to develop logics.
 - Generalize some important theorems of Differential Equations and Vector Calculus.
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- explain different type of conchoids
 - reduce second degree equation in 3-Dimensions
 - use general equation of second degree including con-focal conics
 - familiar with the mechanism of deriving equations of surfaces in 3-dimensions.
 - explain conics in polar form
 - connect basic concepts of 3-D Geometry with new ideas.
 - Solve problems in the subject of 3-D Geometry.
 - enhance confidence level to teach the same subject
 - increase their capacity to develop logics.
 - generalize some important theorems of 3-D Geometry.
 - Verify content and concept of Mathematics papers M-2.1 and M-2.2 by using Mathematical software or computer programming language.
 - Connect basic concepts of Mathematics papers M-2.1 and M-2.2 content with new ideas.
 - Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
 - Visualize some important theorems and concepts of the Mathematics papers M-2.1 and M-2.2 using Mathematical software or computer programming language.
 - Demonstrate the concepts of Mathematics papers M-2.1 and M-2.2 through seminar etc.
 - Understand applications of Mathematics papers M-2.1 and M-2.2.

- Use various application of Mathematics M-2.1 and M-2.2 with daily life problem.

Zoology

Course Learning Outcomes: (CLOs)

- Understand the classification of vertebrata/chordate.
- Describe the general characteristics of various phyla.
- Describe the general features of various class of vertebrata.
- Explain various internal characteristics and systems of various phyla
- Comprehend important differentiating features of various phyla/class
- Learn in detail various systems of representative animals of various phyla

Botany

Course Learning Outcomes: (CLOs)

- Understand about the origin of Life types.
- Understand the detailed structural concept of a Prokaryotic cell.
- Understand the detailed structural concept of a Eukaryotic cell.
- Understand the detailed structure and their organization of Cell inclusions like Mitochondria, Endoplasmic Reticulum, Ribosomes, Vacuoles, Plastids, Cell Membrane, cell Wall.
- Understand the detailed structure and Function of Nucleus.
- Understand the detailed structure, types and Division of Cell.
- Understand the discovery of DNA as genetic Material, detailed structure, types, replication in Prokaryotes, Eukaryotes and Function of DNA.
- Understand the discovery of RNA as genetic Material, detailed structure, types, replication in Prokaryotes, Eukaryotes and Function of RNA.
- Develop skills of staining and slide preparations of lower and higher organism.
- Develop the skills for the preparation of smear for studying of cell division.
- Develop the skills for the preparation of smear for studying mitosis.
- Develop the skills for the preparation of smear for studying meiosis.

Electrical and Electronics

Work Education (Electrical & Electronics)

Course Learning Outcomes: (CLOs)

- Get exposed to different processes / methods used in electrical and electronic devices.
- Read and interpret electrical and electronic diagrams and schematics.
- Locate faults in electrical and electronics devices and repair them.
- Explain the fundamental concepts of electrical and electronic systems, including circuit analysis, power and energy, and digital electronics.
- Demonstrate an understanding of workplace safety practices and procedures related to electrical and electronic work.
- Measure various electrical quantities.
- Develop creative thinking in the area of electronics.
- Identify and test electronic components.
- Develop skill of soldering to construct electronic devices.
- Develop problem-solving skills related to electronic devices.

Agriculture

Work Education (Kitchen Gardening)

Course Learning Outcomes: (CLOs)

- Students will learn how to identify and manage common pests and diseases that affect kitchen garden plants, including organic pest control methods.
- Students will develop an understanding of sustainable gardening practices, including composting, water conservation, and soil health management.
- Students will be able to harvest, store, and preserve kitchen garden crops in a safe and effective manner, and will understand the importance of food safety in home food production.
- Students will develop critical thinking and problem-solving skills through hands-on activities, such as diagnosing and addressing plant health issues, and creating horticultural plans for specific settings.

Cognition and Learning

Course Learning Outcomes: (CLOs)

- State the human cognition. Its meaning and understand the knowledge designing learning environment
- Schools will be prepared as a special environmental Institute and students will learn the different context learning.
- Develop understanding the nature and different types learning and focus on how to solve issues learning.
- Schools will be prepared as a special environmental Institute and students will learn the different context learning.
- Students will be able to develop their own understanding the nature and different types learning.
- Perspectives on learning, cognitive view learning and social constructivist theory will be learnt.
- Recognize differences among learner, critical role learner will be appreciative and draw out practical aspects.

Psychology Practical

Course Learning Outcomes: (CLOs)

- identify different types of psychological testing in Education
- administer different types of psychological testing in Education
- analyze and interpret different types of psychological testing in Education

Health, Physical Education and Yoga

Course Learning Outcomes: (CLOs)

- Learn variety of motor skills and abilities related to lifetime leisure activities.
- Learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- Learn and improve understanding of movement and the human body.
- Learn and improve knowledge of rules and strategies of particular games and sports.
- Organized various activities on Yoga, Sports and Games on their working place.
- Provide hands-on experience by using various sports equipment.
- Conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- Understand how and why they move in a variety of situations and use this information to enhance their own skills.
- Exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- Demonstrate responsible personal behaviour while participating in movement activities.
- Demonstrate responsible social behaviour while participating in movement activities. Students will understand the importance of respect for others.
- Understand the relationship between history, culture and games

III Semester

Physics

Course Learning Outcomes: (CLOs)

- Understand the basic nature of thermodynamics and statistical mechanics.
- Understand use of distribution functions
- Give an account of the theory of statistical mechanics and the approximations making a statistical description possible.
- Understand Maxwell-Boltzmann, Bose- Einstein and Fermi-Dirac Statistics with their applications to different systems.
- Learn to apply the concept of probability in different physical problems.
- Define the concepts of microstate and macro state of a model system.
- Define the concepts and roles of entropy and free energy from the view point of statistical mechanics
- Apply the Bose-Einstein distribution to the calculation of properties of black body radiation

Chemistry

Course Learning Outcomes: (CLOs)

- Understand the chemistry and applications of s- and p-block elements and Nobel gases.
- Understand fundamental aspects of main group chemistry, including trends in oxidation states, periodic properties and complex formation tendency.
- Understand the terms, ligand, denticity of ligands, chelate, coordination number and use standard rules to name coordination compounds.
- Discuss the various types of isomerism possible in such compounds and understand the types of isomerism possible in a metal complex.
- Understand the chemistry and applications of Lanthanide and Actinides.

Mathematics

Course Learning Outcomes: (CLOs)

- Apply different type of test for Cauchy and convergent
- explain limit and continuity
- Understand the concept of Maxima, minima and saddle points of functions of two variables.
- Connect basic concepts of Advanced Calculus with new ideas.
- solve problems of beta and gamma function
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- generalize some important theorems of Advanced Calculus
- understand the basic concept of double and triple integral
- Understand Bessel, Legendre and Hyper geometric functions and their properties
- Connect basic concepts of Differential Equation with new ideas.
- Understand the advanced differential equations with Application
- Solve problems of Laplace Differential Equation and its application
- Enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Differential Equation
- Describe the Homogenous and non-homogenous equations
- Compare the partial differential equation of different order

- Verify content and concept of Mathematics papers M-3.1 and M-3.2 by using Mathematical software or computer programming language.
- connect basic concepts of Mathematics papers M-3.1 and M-3.2 content with new ideas.
- Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
- Visualize some important theorems and concepts of the Mathematics papers M-3.1 and M-3.2 using Mathematical software or computer programming language.
- Demonstrate the concepts of Mathematics papers M-3.1 and M-3.2 through seminar etc.
- Understand applications of Mathematics papers M-3.1 and M-3.2.
- Use various application of Mathematics M-3.1 and M-3.2 with daily life problem.

Zoology

Course Learning Outcomes: (CLOs)

- Define the basic unit of cell structure and function: Origin of Prokaryotes and Eukaryotes; Membrane models and transport of micro-molecules and macro-molecules across the cell membrane; Cell organelles and their role in different physiological processes.
- Comprehend the cell division process and its regulation.
- Demonstrate the principles of inheritance at the molecular, cellular and organismal levels.
- Explain the Concept, Characters and Examples of multiple alleles.
- Explain detailed understanding of how galaxies, stars, solar system and planets came into existence and conditions of earth before life, origin of life, micro evolutionary forces driven diversity of life forms, evolutionary trends and applications of evolution in agriculture, disease and research

Botany

Course Learning Outcomes: (CLOs)

- Understand the general characteristics of Gymnosperms, their classification, ultra structure, and functional organization of Gymnosperms along with their evolutionary trends.
- Understand the general characteristics of Angiosperms, their classification, ultra structure, and functional organization of Angiosperms along with their evolutionary trends.
- Understand the general characteristics of Angiosperms, diversity of Plant habits along with their basic body plan.
- Develop the skills of section cutting and double staining of vascular plants.
- Provide field experiences to students for studying plant habits and basic body plan.

Curriculum development

Course Learning Outcomes: (CLOs)

- explain the meaning, nature and determinants of curriculum
- compare the various types of curriculum
- reflect on the bases of curriculum development
- explain various approaches and models of curriculum development
- identify the guiding principles of selection and organization of learning experiences
- describe the process of curriculum evaluation

Reading and Reflecting on text

Course Learning Outcomes: (CLOs)

- Develop taste for reading among learners.
- Develop the appropriate skills of reading and writing among the learners and facilitate reading writing connection.
- Understand the processes of reading extended text in the multiple subjects including literature.
- enable learners to read for comprehending ideas, reflect and think on different type of texts
- Facilitate self-learning, reflection and ability to express amongst learners.

IV Semester

Physics

Course Learning Outcomes: (CLOs)

- Explain simple harmonic motion and the motion of different pendulums.
- Understand nature of wave motion, types of waves and phenomenon of standing waves.
- Understand behavior and nature of light in different mediums.
- Explain rules of reflection, refraction of light and behavior of light in mirrors and lenses.
- Explain formation of images and various defects of images.
- Understand the phenomena of interference, diffraction and polarization.
- Design experiments to observe different optical phenomena and relate them with daily life.

Chemistry

Course Learning Outcomes: (CLOs)

- Understand the three laws of thermodynamics, concept of State and Path functions, extensive and intensive properties.
- Understand phase equilibrium and criteria.
- Learn the working of electrochemical cells, galvanic cell, and happenings in surroundings related to electrochemistry.
- Have understanding of rate law and rate of reaction, theories of reaction rates.

Mathematics

Course Learning Outcomes: (CLOs)

- understand the concepts of Groups, Sub-Groups and Rings
- Connect basic concepts of Elements of Groups and Rings with new ideas.
- Solve problems in the subject of Elements Of Groups And Rings.
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Describe about homomorphism and isomorphism
- generalize some important theorems of Elements Of Groups And Rings
- Apply Fermat's and Euler theorem to higher mathematics
- Understand the dynamics of a particle
- Impart the skill of solving two problems dealing with forces in space.
- Familiarize with the technique to find motion in resisting medium
- Develop the skill of the dynamics of rigid bodies.
- Understand the basic concepts of the dynamics of a particle involving varying mass.
- Connect basic concepts of Mechanics with new ideas.
- Solve the problems in the subject of Mechanics.
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Mechanics.
- Verify content and concept of Mathematics papers M-4.1 and M-4.2 by using Mathematical software or computer programming language.
- Connect basic concepts of Mathematics papers M-4.1 and M-4.2 content with new ideas.
- Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
- Visualize some important theorems and concepts of the Mathematics papers M-4.1 and M-4.2 using Mathematical software or computer programming language.
- Demonstrate the concepts of Mathematics papers M-4.1 and M-4.2 through seminar etc.
- Understand applications of Mathematics papers M-4.1 and M-4.2.
- Use various application of Mathematics M-4.1 and M-4.2 with daily life problem.

Zoology

Course Learning Outcomes: (CLOs)

- Analyze and apply the knowledge of different instruments and their uses in different fields.
- Explain DNA and RNA structure and their properties and, describe genome organization in prokaryotes and eukaryotes.
- Understand and describe DNA synthesis, their control mechanisms and DNA replication errors.
- Understand and describe the processes of transcription and translation, their control mechanism and post-transcription modification.
- Comprehend the basics of recombinant technology and its applications.

Botany

Course Learning Outcomes: (CLOs)

- Analyze the general pattern of Inheritance.
- Understand the ultra structure, and functional aspects of Genes along with their application in the study of Biotechnology.
- Understand the general characteristics of Angiospermic plants, their economic importance and usage of Plants for Human Welfare.
- Develop the skills for the preparation of inheritance pattern using Bouganvilla flowers and dried pea seeds.
- Impart the skills of isolation of DNA.
- Familiarize the students with the technique of micro propagation and isolation of protoplast.

Inclusive Education

Course Learning Outcomes: (CLOs)

- explain concerns, challenges and issues in implementation of IE
- aware about controversial issues in inclusive education, including particularly marginalized groups, specific learning difficulties and the future of special schools
- Aware about the legislations, policies and schemes for inclusive educations.
- Develop critical understanding of the recommendations of various commissions, policies, schemes and committees towards teacher preparation in inclusive education.
- identify, analyze and utilize various techniques and methods required for development of practical skills among learners
- Perform how to seek parental, community and NGOs support for utilizing available resources for education in inclusive settings.
- Discuss the nature of difficulties encounter and prepare conducive teaching learning environment in inclusive schools.

Assessment for Learning-1

Course Learning Outcomes: (CLOs)

- Learn the concept and principles of curriculum.
- Make the distinction between curriculum and syllabus.
- Learn the bases and determinants of curriculum studies.
- Gain insight into the development of curriculum.
- Appreciate the need for continuous and comprehension reconstruction.
- Learn to implement and evaluation of curriculum.

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V Semester

Physics

Course Learning Outcomes: (CLOs)

- Explain crystal systems, diffraction of crystals, miller indices and Brillouin zones.
- Explain bonding in crystals and Madelung constant.
- Understand phonons, their thermal properties, lattice vibrations and specific heat.
- Understand Einstein and Debye's theory of specific heat of solids.
- Differentiate between dia, para and ferromagnetism.
- Appreciate the beauty of quantum mechanics.
- Know all types of representations of operators and ways to apply them in different problems.
- Solve the hydrogen atom problem by using quantum mechanics and Schrodinger equation.

Chemistry

Course Learning Outcomes: (CLOs)

- Describe the classification, name, structures, and methods of preparations, physical properties and reactions of aldehydes, ketones and carboxylic acids.
- Gain basic understanding of chemistry of compounds having nitrogen containing functional groups.
- Describe the carbohydrates compounds, synthesis, structure and reaction.
- Describe the different types of amino acids, structure and their reactions.

Mathematics

Course Learning Outcomes: (CLOs)

- Connect basic concepts of Real and Complex Analysis with new ideas.
- To acquaint students with rigorous treatment of elementary Real and Complex variables
- Solve problems in the subject of Real and Complex Analysis.
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Real and Complex Analysis.
- Describe the Integrability of continuous and monotonic functions
- Explain Continuity and differentiability of complex functions.
- Apply Schwartz and Young's theorem to higher Mathematics
- Connect basic concepts of Abstract Algebra with new ideas.
- Solve problems in the subject of Abstract Algebra.
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Abstract Algebra.
- Verify content and concept of Mathematics papers M-5.1 and M-5.2 by using Mathematical software or computer programming language.
- Connect basic concepts of Mathematics papers M-5.1 and M-5.2 content with new ideas.
- Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
- Visualize some important theorems and concepts of the Mathematics papers M-5.1 and M-5.2 using Mathematical software or computer programming language.
- Demonstrate the concepts of Mathematics papers M-5.1 and M-5.2 through seminar etc.
- Understand applications of Mathematics papers M-5.1 and M-5.2.
- Use various application of Mathematics M-5.1 and M-5.2 with daily life problem.

Zoology

Course Learning Outcomes: (CLOs)

- Define fundamentals and basics of biochemistry, Explain advanced aspects of biochemistry and, describe structure and general features of enzymes.
- Comprehend digestive and respiratory systems in vertebrates with special emphasis to mammals.
- Comprehend excretory and circulatory systems with special emphasis to mammals.
- Understand the concepts of nervous system, muscular system and physiology of muscle contraction.
- Illustrate the components and molecules of immunity and explain various immune responses at the cellular level that work together to protect the host.

Botany

Course Learning Outcomes: (CLOs)

- Understand the general characteristics of angiospermic plants, their origin, evolution, taxonomy and diversity.
- Understand the general and functional aspects of locally available plants along with their family.
- Understand structural development and function of modified shoot - flower.
- Familiarize the students with methods of describing the plant in technical terms.
- Impart the skills for identification of plant and assigning to its family.
- Provide the field experiences for familiarization of different plants of the families under study.

Assessment for Learning-II

Course Learning Outcomes: (CLOs)

- develop assessment tasks and tools to assess the learners' performance.
- analyze, interpret assessment data, and reporting procedures of learners' performance in schools.
- develop indicators to assess learners' performance on different type of tasks.
- examine the issues and concerns of assessment and evaluation practices in schools.
- discuss the policy perspectives on assessment practices and evaluation, and their implementation practices in schools.
- use ICT based assessment practices and other trends.

Basics of Education

Course Learning Outcomes: (CLOs)

- insights into nature and purpose of philosophy of education
- critical understanding about the relationship between philosophy and education
- abilities to identify processes, and sources of knowing in different contexts and different subject knowledge
- the ability to appreciate the critical role of various thinkers on education
- insight into theories of knowledge

- critical understanding of normative nature of education

VI Semester

Physics

Course Learning Outcomes: (CLOs)

- Understand the theory of semiconductor devices and its applications.
- Reproduce the I-V characteristics of electronic devices like diode, BJT, MOSFET etc.
- Use Zener diode as a voltage regulator and control the voltage.
- Understand the usefulness of amplifiers, their working and use in electronic circuits.
- Explain the basic logic operations of NOT, AND, OR, NAND, NOR, and XOR.
- Apply the laws of Boolean algebra and K-map to simplify circuits and Boolean algebra expressions.
- Understand the basic theory of operation of a laser and the working of different laser systems.

Chemistry

Course Learning Outcomes: (CLOs)

- Describe the concept of HSAB and different type of inorganic compounds.
- Understand VBT and CFT for bonding in coordination compounds and their stability.
- Describe the magnetic behaviour of metal complexes.
- Explain the meaning of the terms Δ_o , Δ_t , pairing energy, CFSE, high spin and low spin complex.
- Explain colour of complexes on basis of Crystal Field Theory.
- Understand and explain the basic concepts related to organometallic complex and their use in various industrial processes.
- Explain the sources and consequences of excess and deficiency of trace metals and learn about the toxicity of certain metal ions, the reasons for toxicity and antidotes.

Mathematics

Course Learning Outcomes: (CLOs)

- Explain the concept of metric spaces and metric subspaces
- Connect basic concepts of Metric Spaces with new ideas.
- To develop the understanding of the basics of Metric Spaces
- Distinguish between the connectedness and compactness
- Solve problems in the subject of Metric Spaces.
- Enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Metric Spaces
- Find out the application of Baire Category theorem
- To develop the understanding of further Linear Algebra.
- Understand the concepts of examples of vector spaces and Subspaces
- Connect basic concepts of Linear Algebra with new ideas.
- Solve problems in the subject of Linear Algebra.
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Linear Algebra.
- Verify content and concept of Mathematics papers M-6.1 and M-6.2 by using Mathematical software or computer programming language.

- Connect basic concepts of Mathematics papers M-6.1 and M-6.2 content with new ideas.
- Increase their skills of analysis and problem solving using Mathematical software or computer programming language.
- Visualize some important theorems and concepts of the Mathematics papers M-6.1 and M-6.2 using Mathematical software or computer programming language.
- Demonstrate the concepts of Mathematics papers M-6.1 and M-6.2 through seminar etc.
- Understand applications of Mathematics papers M-6.1 and M-6.2.
- Use various application of Mathematics M-6.1 and M-6.2 with daily life problem.

Zoology

Course Learning Outcomes: (CLOs)

- Conceptualize basics of reproductive physiology.
- Correlate genetic regulation in different embryonic developmental stages
- Differentiate extra-embryonic developments and regenerative mechanism.
- Define the role of the endocrine system in maintaining homeostasis and different feedback mechanism and describe different types of reproductive hormones and disorders associated with these hormones.
- Explain the knowledge of the major endocrine disorders and future challenges.

Botany

Course Learning Outcomes: (CLOs)

- Understand the biochemical and physiological phenomenon at functional and molecular level.
- Understand the general and functional aspects of plant water relations – mineral nutrition.
- Understand the biochemical and physiological phenomenon of nitrogen and lipid metabolism.
- Understand the biochemical and physiological phenomenon of photosynthesis.
- Understand the biochemical and physiological phenomenon of respiration.
- Understand the biochemical and physiological phenomenon of growth and development.
- Impart the skills of handling and setting up of apparatus to conduct plant physiological experiment, collection of data and interpretation of results.
- Study the permeability of plasma membrane using different concentrations of organic solvents and inorganic salts.
- Study the effect of temperature on permeability of plasma membrane.
- Prepare the standard curve of protein and determine the protein content in unknown samples.
- Study the enzyme activity of catalase and amylase and influence of pH and temperature on its activity.
- Compare the rate of respiration in various plant parts.
- Separation of chloroplast pigments by solvent method and chromatographic methods.
- Determine the osmotic potential of vacuolar sap by plasmolytic method.
- Determine the water potential of any tuber (potato).
- Separation of amino acids in a mixture by paper chromatography and their identification by comparison with standards.
- Bioassay of auxin, cytokinin, GA, ABA and ethylene using appropriate plant material.
- Demonstration of root and shoot formation from the apical and basal portion of stem segments in liquid/solid medium containing different hormones.

Gender Issues and Peace Education

Course Learning Outcomes: (CLOs)

- Become aware of role of education in building peace as dynamic social reality.

- Understand and resolve conflicts within, and mediate others.
- Empower themselves and transcend barriers of identity.
- Use pedagogical skills and strategies in and out of classroom for promoting peace at school level.
- Act as agency to promote peace in the local community influencing school.

Schooling, Socialization & Identity

Course Learning Outcomes: (CLOs)

- Become aware of the processes of socialization at home which contribute in shaping identity formation of the school going child (in Indian contexts)
- Reflect critically on factors that shape identity formation.
- Acquaint with the processes that shape one's own sense of identity.
- Become critically aware of 'identity'
- Reflect on one's aspirations and possibilities in order to develop a growing sense of agency as a 'teacher', a 'professional', as well as a 'human being'
- Recognize the clash of identity as an offshoot of narrow identity assertion
- Appreciate and work in developing national, secular and humanistic identity
- Work for the construction of universalistic and humanistic identity

VII Semester (Internship)

VIII Semester

Physics

Course Learning Outcomes: (CLOs)

- Understand the difference between Stokes and anti-Stokes lines in a Raman spectrum.
- Select molecular spectroscopy methods suitable for solving given scientific problem.
- Describe fine structure of atoms and rotational, vibrational and electronic energies of molecules manifesting in their respective spectroscopies.
- Understand the spectra of hydrogen and the fine structure of spectral lines.
- Determine nuclear properties such as binding energy, spin and parity in the framework of the liquid drop model and the shell model of the nucleus.
- Use the liquid drop model and the law of radioactive decay to describe alpha-decay, beta-decay, fission and fusion, predict decay reactions and calculate the energy release in nuclear decays.
- Understand various types of elementary particles, forces of nature.

Chemistry

Course Learning Outcomes: (CLOs)

- Learn about limitations of classical mechanics and solution in terms of quantum mechanics for atomic/molecular systems.
- Gain insight into the basic principles of UV, IR and NMR spectroscopic techniques.
- Use spectroscopic techniques to determine structure and stereochemistry of known and unknown compounds.
- Have knowledge of the laws of absorption of light energy by molecules and the subsequent photochemical reactions.
- Gain basic understanding of chemistry of, heterocyclics and polynuclear hydrocarbons.
- The students acquired in-depth knowledge of the various concepts and theoretical principles related to chemistry.
- Define the terms involved in atomic structure, quantum numbers, wave mechanical model of an atom, probability density curves, radial probability distribution curves, structures of different orbitals, Chemical bonding and molecular structure.
- Understand and explain the different nature and behaviour of organic compounds based on fundamental concepts learnt.
- Understand the chemistry and applications of s- and p-block elements and Nobel gases.
- Describe the classification, name, structures, and methods of preparations, physical properties and reactions of organic compounds.
- Gain insight into the basic principles of UV, IR and NMR spectroscopic techniques.

Mathematics

Course Learning Outcomes: (CLOs)

- Connect basic concepts of Optional subject with new ideas.
- Solve problems in the subject of Optional subject.
- To develop the understanding of Optional subject
- enhance confidence level to teach the same subject
- Increase their capacity to develop logics.
- Generalize some important theorems of Optional subject.

Zoology

Course Learning Outcomes: (CLOs)

- Understand core concepts of ecology, ecosystem, energy flow, and biogeochemical cycles.
- Elaborate the characterization of biodiversity, comprehend the key concept of waste and its management and, illustrate social approach to biodiversity conservation.
- Understand and analyze Environmental issue, global environment threats and will start thinking in the direction to resolve them.
- Define Animal Behavior and Explore variety of different behaviors found in a broad range of animal groups, using a scientific and evolutionary approach.
- Acquire and apply the concepts of Aquaculture and Pisciculture, Sericulture, Apiculture and, Lac-culture.

Botany

Course Learning Outcomes: (CLOs)

- Understand the biochemical and physiological phenomenon of plants in relation to their environment.
- Understand the improvement of plants by different methods.
- Understand the structure of ecosystems- biotic and a biotic components, food chain, food web, ecological pyramids and energy flow.
- Understand the structure of ecosystems- biogeochemical cycles of Carbon, Nitrogen and Phosphorus.
- Understand the biogeographical regions of India, vegetation types of India with special reference to MP and CG.
- Understand the biogeographical regions of India, vegetation types – endangered plant species and their conservation with special reference to MP and CG.
- Understand the plant breeding technique, nature scope and methods along with vegetative propagation methods – emasculations of flower and hybridization, micro propagation, grafting, layering and their economic aspects.
- Develop the skill of performing ecological practicals such as frequency, density and abundance of plants in different ecosystems such as grassland and pond - collection of data, analysis of data and its interpretation.
- Photo sociological study of vegetation of Shyamala Hills.
- Determine pH of water and soil from various sources.
- Estimation of biomass (Dry weight/fresh weight) of plant species.
- BOD/DOD of plant system.

Vision of Indian Education: Issues & Concerns

Course Learning Outcomes: (CLOs)

- Appreciate constitutional ideals and values and reflect critically on the role of education in relating to those ideals.
- Identify and internalize values of new social order envisioned and enshrined in Indian constitution.
- Discuss the diverse and complex nature of Indian society.
- Appreciate the Indian nation is in the process of making.
- Reflect on inherent contradictions present in India.
- Realize and interpreted the nature of Indian schooling.
- Develop perspective on issues and concerns of Indian schooling.
- Sensitize towards child rights and classroom practices.

School Management and Leadership

Course Learning Outcomes: (CLOs)

- explain about developmental process of School Management and Leadership
- discuss perspective and structure of management
- define the nature of leadership and approaches
- Describe the dimensions of leadership and its implications.
- identify the dynamics of School management and trends in School management in India
- Critically examine the present managerial practice and the issues related.
- Analyze the challenges and opportunities emerging in the management.

B.A B.Ed. 4 Year Integrated Programme

- Apply the knowledge of the nature, scope and importance of studying humanities and social sciences in real life situations
- Develop skills for reflecting and analysing knowledge of facts and numbers in a variety of literary, social science and educational areas.
- Develop the capacity to generate unbiased conclusions after critically studying evidence and acquiring analytical, synthesis, and problem-solving abilities
- Recognize and appreciate nuances and complexity of meaning through critical reflections on texts, visual images and artifacts
- Acquire aptitude for using technology and integrate it with content and pedagogy
- Apply knowledge of facts, principles, and laws to comprehend the importance of phenomena in daily life.
- Possess a fundamental understanding of educational psychology, educational sociology, educational philosophy, and educational research, and apply these principles to enhance classroom instruction.
- Demonstrate good communication skills in the classroom by communicating effectively while listening, speaking, reading, and writing.
- Develop the ability to observe and make logical deductions from experiments and phenomena in social science, psychology, philosophy, and literature..
- Practise to live a life of mental wellbeing and global citizenship by imbibing ethical, moral, and social ideals.
- Acquire skills such as self-awareness, interpersonal communication, leadership, teamwork, and other teaching and management techniques use them to live a competent and dedicated life as an educator and a responsible citizen.
- Demonstrate the ability to participate in extracurricular and curricular social, educational, and cultural activities and apply the acquired skills in real life situations
- Recognize and reflect on Indian knowledge systems and apply them in the classroom to ensure the development of responsible citizens
- Develop the capacity to recognise, classify, and apply individual characteristics, including personality, creativity, learning disabilities, diversity, etc., in the creation of curriculum activities.
- Develop the capacity to communicate the ethos, constitutional principles, self-awareness, listening, reading, and writing skills, and incorporate them into the curriculum.
- Gain knowledge of the pedagogical process and the ability to use various microteaching approaches, practice teaching, teaching-learning strategies, and methods and techniques in curriculum transactions
- Recognize, develop, and create curricular transaction strategies that promote gender equality, diversity, inclusion, national and international goals, and other topics that are part of the curriculum.
- Recognize, create, and use evaluation and assessment processes using both conventional and digital resources
- Gain competence in delivering lessons, simulations, and microteaching in supervised and independent settings, as well as critically analysing, observing, and reporting the same
- Use the right technologies to obtain, analyse, and manage information in order to prepare and present their work successfully. Do research on and communicate about language, culture, and philosophy.

B.A. I Semester

Foundation Course Hindi

izFke iz'u i=%&

Co1- fo|kFkhZ fuca/k dh vo/kkj.kk le> ldsaxsA

Co2- fo|kFkhZ dkO; ds Lo:lk dh le> fodflr gks ldsxhA

Co3- fo|kFkhZ dks dgkuh dyk dh tkudkj izklr gks ldsxhA

Co4- fo|kFkhZ dks dkO; vkSj x| dh le> fodflr gks ldsxhA

Foundation Course: Language English (Paper – 1)

Course Outcomes

The learners will

- Read, recite and appreciate poetry and prose
- Write a paragraph
- Comprehend an unseen passage
- Develop a good vocabulary
- Use grammatically correct expressions in writing and speaking

Course Title: FC- Moral Values

Course Outcomes

Sr. No	On Completing the course, the students will be able to:
CO 1	वर्तमान स्थितियों में नैतिक मूल्यों की आयामों के प्रति जागरूक करना और अधिक सजग बनाना।
CO 2	छात्रों में नैतिक मूल्यों के प्रति निष्ठा उत्पन्न करना।
CO 3	छात्रों को नैतिक मूल्यों द्वारा सामाजिक व्यवस्था को समझाना।
CO 4	मूल्यों को व्यवहार में लाने के अवसर प्रदान करना।

Elective Literature Hindi

Co1-fo|kFkhZ dfo dchjnkI jpuk Is nksGs ,oa izkjafHkd inkSa Is HkkokFkZ xzg.k djsxaasA

Co2-fo|kFkhZ esa dfo jSnkI dh jpukvksa Is dkO; ds izfr :fp tkxZr gksxhA

Co3- fo|kFkhZ;ksa esa dfo lwjnkI dh jpukvksa Is dkO; ds izfr le> fodflr gksxhA

Co4- dfo rqylhnkI ,oa fcgkjH dh jpukvksa Is j|kuqHkwfr xzg.k dj ldsxaasA

Elective I – Literature: English

English Literature Paper I: Growth and Structure of the English Language

Course Outcomes:

The learners will

- Identify the nuances of the English language.
- Recognize how the English language has evolved
- Identify Old, Middle and Modern English
- Differentiate between Register, Pidgin, Creole
- Appreciate Multilingualism and Social Tolerance
- Practice the structure of English Speech
- Transcribe difficult words
- Use different ways of word formation
- Discuss relationship between language and human brain

Elective I Literature Marathi

- पहिले सत्र - मराठी व्याकरण (1st Sem. - Marathi Grammar)
 1. मराठी व्याकरणाचा अभ्यास करता येईल.
 2. मराठीतील ध्वनिविचार आणि वाक्यविचार या संकल्पनांचा अभ्यास करता येईल.
 3. निबंधलेखन, संवादलेखन सारांशलेखन, कल्पनाविस्तार आदी उपयोजित मराठीतील महत्वाच्या संकल्पना समजून घेता येतील.
 4. वर्तमानपत्रात नौकरी करण्यासाठी लागणारे कौशल्ये मिळविता येतील.
 5. मुद्रितशोधक, मजकूर लेखक (Content Writer) सारख्या नोकऱ्या मिळविता येतील.

Elective I Literature Gujarati

Paper-1

- ❑ ગુજરાતી સાહિત્યના અભ્યાસ દ્વારા ભાષા કૌશલ્યનો વિકાસ કરવો.
- ❑ સાહિત્ય સ્વરૂપોથી વિદ્યાર્થીઓને પરિચય કરાવવો.
- ❑ ભાષા સાહિત્યના માધ્યમથી સામાજિક, નૈતિક મૂલ્યોનો વિકાસ કરવો.

History

Paper I

Themes in Early Indian History (Earliest to 1200 AD)

Learning Outcomes

The students will be able to

- Understand the nature scope and importance of studying History.
- Understand the importance of facts and its compilation, and the problem of objectivity in History
- Understand Pre – Historical India, Harappa and Vedic cultures.
- Know the developments of the second urban phase of early Indian history.
- Appreciate the developments during the Mauryan period.
- Critically analyze and Appreciate the Dhamma Policy of Ashoka.
- Analyze the post- Mauryan society and cultural developments.
- Understand state, society and administration during the post- Gupta period.
- The reasons for foreign invasions i.e. Arabs Ghaznavids and Ghorids and their impact.

Geography

Paper- Evolution of Geographical thought

After the completion of the semester course, students will be able to

1. Observe the evolution of the philosophy of Geography.
2. Develop the idea and appreciate the contribution of the thinkers in Geography.
3. Deliberate the evolution of geographical thought from ancient to modern times.
4. Establishing a relationship of Geography with other disciplines and man-environment relationships.
5. Analyzing modern and contemporary principles of quantitative revolution, post-quantitative revolution, welfare approach, radical approach, Empiricism, Positivism, Structuralism, Human and Behavioral Approaches in Geography

Practical -

1. Defined map and scale, map projections, and techniques of interpretations

Economics

Paper Name –Microeconomics

Course Outcomes:

- I. Distinguishes the various agents of economics.
- II. Analyzing the theory of consumer behavior by incorporating its various components.
- III. Analyzing production function and cost function.
- IV. Distinguishes the different types of utility functions and their uses.
- V. Analyze the role of cost in the production process.

Political Science

Course Title: Fundamentals of Political Theory

Sr. No	On Completing the course, the students will be able to:
CO 1	Analyse foundational political concepts, such as power, justice, and democracy, and apply them to real-world situations.
CO 2	Evaluate competing political ideologies and theories, including liberalism, conservatism, socialism, and feminism.
CO 3	Understand key political concepts and theories, such as State, justice, liberty, and democracy, and their historical development.
CO 4	Develop a nuanced understanding of the relationships between power, authority, and legitimacy in different political systems.
CO 5	Apply theoretical frameworks to contemporary political issues, such as globalization, Sustainable development, climate change, and human rights, and propose solutions.

B.Ed . Learning Outcomes

Human development and Socio-cultural context

Learning Outcomes:

On completion of this course the learner shall:

- Study concept of growth and development, factors influence development and individual difference in individuals
- Study the role of socio-cultural context in shaping human
- Development, especially with respect to the Indian context.
- Develop theoretical perspectives and understanding of dimensions and stages of human development and developmental tasks.
- Knowledge of stages and dimensions of development, views of Erickson, Piaget and Vygotsky on development will be developed
- Conceptualize nature of memory, transfer of learning, motivation and creativity and process of its development during growing up
- Understand nature of adolescence and life skills education and role of teacher counsellor and parents in dealing with adolescence problems.
- Focus on the nature of child abuse, substance abuse, peer pressure and its bearing on childhood and adolescence.

School Education in India: Historical Perspective

Learning Outcomes:

On completion this programme the learner shall:

- Understanding processes how and why education system in India evolved over a period time.
- Understanding the socio-historical evolution Indian education system by drawing attention on history formal education system.
- Understanding culture, politics and economics that impacted school / university education in light Vedic, Buddhist, Islamic and British education systems.
- Introduce the systems education in historical perspective to appreciate education and its relation to socio-political, cultural and economic context
- Explain about formal school system in India in socio-historical context and its institutionalization.
- Appreciate the change and continuities in educational purposes, processes and practices in Indian Education
- Develop Historical Perspective on Contemporary Educational Issues and Problems

Health, Physical education and Yoga-1

Learning Outcome

On completion of this course students will be able to:

- learn variety of motor skills and abilities related to lifetime leisure activities.
- learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- learn and improve understanding of movement and the human body.
- learn and improve knowledge of rules and strategies of particular games and sports.
- organized various activities on Yoga, Sports and Games on their working place.
- provide hands-on experience by using various sports equipment.
- conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- understand how and why they move in a variety of situations and use this information to enhance their own skills.
- exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- demonstrate responsible personal behavior while participating in movement activities.
- demonstrate responsible social behavior while participating in movement activities. Students will understand the importance of respect for others.
- understand the relationship between history, culture and games.

Electrical and Electronics

Work Education (Electrical & Electronics)

Course Learning Outcomes: (CLOs)

- Develop practical skills, problem solving skills, experimental skills in him.
- Collaborate effectively with others in group projects, communicate technical information clearly and effectively.
- Develop creative thinking for preparing new electrical and electronics devices.
- Understand the principles of functioning of electrical appliances.
- Develop practical skills in repairing, maintaining, and making electronic devices used in day-to-day life.
- Develop understanding of basic electrical and electronics sensors.
- Dismantle and assemble electrical and electronics devices.
- Installation and use P.A. system.
- Develop Design Thinking skills in project management, including planning, budgeting , and time management .
- Develop an understanding of ethical issues related to electrical and electronic work, such as responsible use of materials, environmental impact.

Agriculture
Work Education (Ornamental Horticulture)

Course Learning Outcomes: (CLOs)

- Students will be able to identify a wide variety of ornamental plant species, including their botanical names, common names, and key characteristics.
- Students will develop an understanding of the different growth habits and requirements of ornamental and be able to select appropriate plants for a given location and purpose.
- Students will learn about the cultural practices involved in caring for ornamental, including watering, fertilization, pruning, and pest management.
- Students will develop knowledge of landscape design principles, including the elements of design, site analysis, and the use of plant materials to create functional and aesthetically pleasing outdoor spaces.
- Students will develop critical thinking and problem-solving skills through hands-on activities, such as diagnosing and addressing plant health issues, and creating horticultural plans for specific settings.

B.A. II Semester
Foundation Course Hindi

उद्देश्य: इसका उद्देश्य

Co1- fo|kFkhZ;ksa dks lfgR; ds jpukdkjksa dh tkudkjh izklr gksxhA

Co2- fo|kFkhZ fuca/k ds ek;/e ls Hkkjrh; laL—fr ,oa lekt dks le> ldsaxsA

Co3- fo|kFkhZ;ksa esa dkO; ds ek;/e ls Hkkjrh; Lora=rk ds ewY;ksa dh le> fodflr gksXkhA

Co4- fo|kFkhZ lfgR; dh O;aX; fo/kk ls ifjpr gksaxsA

Foundation Course: Language English (Paper – 2)

Course Outcomes

The learners will

- Read, recite and appreciate poetry and prose
- Write formal and informal letters for various purposes
- Expand an idea into a bigger piece of writing
- Create news words using prefixes and suffixes
- Use figures of speech in poetic expressions
- Use grammatically correct expressions in writing and speaking

Elective Literature Hindi

izFke iz'u i=&2

Co1- fo|kFkhZ Hkk"kk ds bfrgkl dh iw.kZ tkudkj izklr dj ldsaxsA

Co2- fo|kFkhZ Hkk"kk dh cksfy;ksa ,oa fgUnh ds 'kCn Hk.Mkj ls ifjpr gks ldsaxsA

Co3- fo|kFkhZ dfork esa dkO;kax foospu ls ifjpr gks ldsaxsA

Co4- fo|kFkhZ fgUnh lfgR; ds bfrgkl dh vo/kkj.kk dky foHkktu bR;kfn dks tku le> ldsaxsA

Co5- fo|kFkhZ fofHkUu dky dh dkO; izo`fYk;ksa ls ifjpr gks ldsaxsA

Co6- fo|kFkhZ fgUnh ds izeq[; dfo;ksa ,oa mudh jpukvksa ls ifjpr gks ldsaxsA

Elective I – Literature: English

English Literature Paper II: Language Skills and Communication

Course Outcomes

The learners will

- Communicates effectively
- Use non verbal as a mode of communication
- Listen and recall text
- Differentiate between formal and informal speech
- Develop skill of conversation, debate, telephoning
- Interpret text through various reading techniques
- Develop effective writing techniques

Elective Literature: Marathi

दुसरे सत्र - साहित्यकृतींचा अभ्यास (2nd Sem. - Study of literature)

1. मराठीतील ललित गद्य, कथा, कादंबरी आदी साहित्यप्रकरांची वाटचाल अभ्यासता येईल.
2. विशेष साहित्यकृतींचा अभ्यास करता येईल.
3. विशेष लेखकांचा अभ्यास करता येईल.
4. विशेष साहित्यकृती आणि लेखक यांमधील परस्पर संबंधांचा अभ्यास करता येईल.
5. दोन लेखक किंवा दोन साहित्यकृती यांचा तौलनिकदृष्ट्या अभ्यास करता येईल.

Elective I Literature :Gujarati

Paper-2

- ▣ વિદ્યાર્થીઓમાં ગદ્ય અને પદ્યના સાહિત્ય સ્વરૂપો પ્રત્યે સમજ વિકસે
- ▣ સાહિત્યનો જીવનમાં સંસ્કાર ઘડતર તરીકે ઉપયોગ થાય.

History

Paper II

Themes in Medieval Indian History (1200-1750 AD)

Learning Outcomes

The students will be able to understand

- Evaluate and analyse different medieval sources and modern historiography
- The processes of rise and establishment of the Slave, Tughlaq , Khilji and Mughal Dynasties in India.
- The polity, administration, economic life and military organization of Delhi – Sultanate
- The Nature and Character of the Mughal State.

Geography

Paper- Introduction to Human Geography

After the completion of the course, Students will be able to;

1. Recognize and evaluate the linkage between geography and various social science subjects
2. Appreciate contemporary issues and the relevance of the subject
3. Comprehend the spatial distribution of population and growth and their composition
4. Evaluate the demographic transition theories of population growth
5. Comprehend and evaluate culture, racial group, ethnicity, language, tribal group, and religious groups
6. Analysis and understanding of the concept of human activities in relation to agriculture and industries
7. Analysis and comprehend different patterns of rural and urban settlements and patterns of the world urbanization

Practical-

1. Interpret and analyze different relief features

Economics

Paper Name–Indian Economy

Course Outcome:

- I. Explain the historical development of Indian economy since independence in terms of British rule, emergence of Planning Commission, economic reform etc.
- II. Describe the macroeconomic measurements like national income, employment-unemployment, inflation, inequality, poverty etc.
- III. Explicate the trend and pattern of the development of all sectors of the economy viz. primary, secondary and tertiary sector.
- IV. Describe the government's initiatives for the development of sectors of the economy.
- V. Evaluate the plan objectives and to explain the need of economic reform.

Political Science

Course Title: Indian Government & Politics

Sr. No	On Completing the course, the students will be able to:
CO 1	Develop understanding the historical context and evolution of the Indian Constitution, including its drafting process and key principles.
CO 2	Evaluate the fundamental rights and duties of Indian citizens and their significance in promoting democracy and social justice.
CO 3	Examine the history and evolution of the Indian Parliament and its impact on Indian politics and society.
CO 4	Interpret the functioning and performance of different types of local governments, such as Panchayats and Municipalities, in delivering public services and promoting democratic participation.
CO 5	Critically assess the role of political parties in shaping Indian democracy and governance, including their organizational structures and strategies.

B.Ed . Learning Outcomes

Cognition and Learning

Learning Outcomes:

On completion of this course the learner shall:

- State the human cognition. Its meaning and understand the knowledge designing learning environment
- Schools will be prepared as a special environmental Institute and students will learn the different context learning.
- Develop understanding the nature and different types learning and focus on how to solve issues learning.
- Schools will be prepared as a special environmental Institute and students will learn the different context learning.
- Students will be able to develop their own understanding the nature and different types learning.
- Perspectives on learning, cognitive view learning and social constructivist theory will be learnt.
- Recognise differences among learner, critical role learner will be appreciative and draw out practical aspects.

Psychology Practical

Learning Outcomes:

On completion of this course the learner shall:

- identify different types of psychological testing in Education
- administer different types of psychological testing in Education
- analyze and interpret different types of psychological testing in Education

Health, Physical education and Yoga

Learning Outcome

On completion of this course students will be able to:

- learn variety of motor skills and abilities related to lifetime leisure activities.
- learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- learn and improve understanding of movement and the human body.
- learn and improve knowledge of rules and strategies of particular games and sports.
- organized various activities on Yoga, Sports and Games on their working place.
- provide hands-on experience by using various sports equipment.
- conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- understand how and why they move in a variety of situations and use this information to enhance their own skills.
- exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- demonstrate responsible personal behaviour while participating in movement activities.
- demonstrate responsible social behaviour while participating in movement activities. Students will understand the importance of respect for others.
- understand the relationship between history, culture and games.

Electrical and Electronics

Work Education (Electrical & Electronics)

Course Learning Outcomes: (CLOs)

- Get exposed to different processes / methods used in electrical and electronic devices.
- Read and interpret electrical and electronic diagrams and schematics.
- Locate faults in electrical and electronics devices and repair them.
- Explain the fundamental concepts of electrical and electronic systems, including circuit analysis, power and energy, and digital electronics.
- Demonstrate an understanding of workplace safety practices and procedures related to electrical and electronic work.
- Measure various electrical quantities.
- Develop creative thinking in the area of electronics.
- Identify and test electronic components.
- Develop skill of soldering to construct electronic devices.
- Develop problem-solving skills related to electronic devices.

Agriculture

Work Education (Kitchen Gardening)

Course Learning Outcomes: (CLOs)

- Students will learn how to identify and manage common pests and diseases that affect kitchen garden plants, including organic pest control methods.
- Students will develop an understanding of sustainable gardening practices, including composting, water conservation, and soil health management.
- Students will be able to harvest, store, and preserve kitchen garden crops in a safe and effective manner, and will understand the importance of food safety in home food production.
- Students will develop critical thinking and problem-solving skills through hands-on activities, such as diagnosing and addressing plant health issues, and creating horticultural plans for specific settings.

B.A. III -Semester

Foundation Course Hindi

r`rh; iz'u i=%&

Co1- fo|kFkhZ;ksa esa fuca/k ds ek;/e ls oSKkfudrk dk fodkl gks ldsxkA

Co2- fo|kFkhZ thou dh vk/kkjHkwr vko';drkvksa ls ifjpr gksaxsA

Co3- fo|kFkhZ;ksa esa lapkj ds fodkl eas nwjn'kZu dh Hkwfedk Li"V gks ldsxhA

Co4- fo|kFkhZ;ksa esa uSfrdrk dk fodkl gks ldsxkA

Foundation Course: Language English (Paper – 3)

Course Outcomes

The learners will

- Read, recite and appreciate poetry and prose
- Write a report on an issues of public interest
- Speak, pronounce and transcribe the speech sounds of English better
- Make less common errors in English usage
- Present effectively on any topic
- Draft a curriculum vitae for employment purpose

Elective Literature Hindi

iz'u i= 3&vk/kqfud fganh dforkA

Co1- fo|kFkhZ vk/kqfud dky esa jpukRedrk ,oa liadZ dh eq[;/kkj.kk ds :lk esa [kM+h cksyh ds fodkl dks le> ldrs gSA

Co2-fo|kFkhZ eqDrd NUnksa dh jpukvksa ls ifjpr gks ldsxsaA

Co3-fo|kFkhZ e;/dkyhu HkkoHkwfe ls vk/kqfudrk dks le> ldsxsaA

Co4-fo|kFkhZ vk/kqfud dky ds jpukdkjksa dh jpukvksa ls ifjpr gks ldsxsaA

Co5-fo|kFkhZ ledkyhu izo`fYk;ksa dks le> ldsxsaA

Elective I – Literature: English

English Literature Paper III: Representative English Poetry: From Shakespeare to Larkin

Course Outcomes

The learners will

- Appreciate both poetry and the representative poems of English Literature
- Appreciate the stylistic excellences of different poets
- Discuss how the literature reflects the spirit of the age
- Debate how literature depicts the spirit of the age
- Identify different trends and movements in English literature
- Experience aesthetic delight
- Appreciate different cultures and languages
- Develop sensitivity, imagination and creativity

- Identify and use different literary terms and devices

Elective I Literature: Marathi-III

तिसरे सत्र – आधुनिक मराठी कविता (3rd Sem. - Modern Marathi poetry)

1. मराठी कवितेची वाटचाल जाणून घेता येईल.
2. मराठीतील महत्त्वाच्या कवींच्या प्रवृत्तीबद्दल जाणून घेता येईल.
3. भारतीय पातळीवर मराठी कवितेचे अस्तित्व आणि आव्हाने आदींचा अभ्यास करता येईल.
4. मराठी कवितेच्या विविध कालखंडांचा अभ्यास करता येईल.
5. मराठी कवितेच्या विविध प्रवाहांचा अभ्यास करता येईल.

Elective I Literature Gujarati-III

Paper-3

विद्यार्थींचो मध्यकाळना इतिहासने जाणे अने संवर्धन करे.

❑ भाषानी अभिव्यक्तिमां उपयोग करे.

History

Paper III

Themes in Modern Indian History (1740 -1857AD)

Learning Outcomes

Students will be able to

- Understand the reasons responsible for advent of various European powers in India.
- Analyze the processes responsible for the rise and establishment of the British Empire in India.
- Understand and Analyze British Colonial and Administrative policies.
- Understand the repercussions of the British Policies in the form of various Revolts.
- Understand and evaluate the revolutionary changes brought in the Indian society through the socio-religious movements

Elective II :Geography

Paper III- Physical geography

After the completion of the course, Students will be able to;

1. Comprehend the theories and fundamental concepts of Geomorphology and geological Time Scale
2. Comprehend earth's tectonic and structural evolution. Develop knowledge about the earth's interior. assess an idea about the concept of plate tectonics, and resultant landforms.
3. Acquire knowledge about types of folds and faults and earthquakes, volcanoes, and associated landforms.
4. Comprehend the idea of atmospheric composition and structure, heat budget, cyclones, El Nino, and la Nina Southern Oscillation with relation to monsoon and Koppen's climatic classification.
5. Ability to record temperature, pressure, humidity, and rainfall
6. Develop the idea of different concepts of the hydrosphere cycle and ocean bottom relief features.

Practical -

- 1 comprehend basic concepts and principles of survey
- 2 do leveling and plane table survey

Elective III: Economics

Paper Name –Macroeconomics

- I. Analyse the national income and its components and understand circular flow of income
- II. Analyse the Say's law of market, classical theory of employment and Keynes approach to the classical theory.
- III. Analyse the Keynes absolute income hypothesis-APC and MPC and understand the permanent income hypothesis relative income hypothesis and life cycle hypothesis.
- IV. Distinguishes the multiplier and acceleration principle and describe the role of these two principles to analyse the business cycle.
- V. Analyse the relation between investment and savings, understand the concept of MEC and MEI.

Elective III: Political Science

Course Title: **Comparative Government and Politics**

Sr. No	On Completing the course, the students will be able to:
CO 1	Acquire a comprehensive knowledge of the methods and approaches used in comparative government and politics research.
CO 2	Comprehend the key features of the structure and functioning of American political institutions, such as Congress, the Presidency, and the Supreme Court.
CO 3	Comprehend the key features of the structure and functioning of British political institutions, such as Parliament, the Prime Minister, and the Judiciary.
CO 4	Comprehend the key features of the structure and functioning of Swiss political institutions, such as the Federal Assembly, the Federal Council, and the Federal Court.
CO 5	Analyse and compare the key features of the structure and functioning of Chinese political institutions, such as the National People's Congress, the State Council, and the Supreme People's Court.

Curriculum development

Learning Outcome

On completion of this course students will be able to:

- explain the meaning, nature and determinants of curriculum
- compare the various types of curriculum
- reflect on the bases of curriculum development
- explain various approaches and models of curriculum development
- identify the guiding principles of selection and organization of learning experiences
- describe the process of curriculum evaluation

Reading and Reflecting on text

Learning Outcomes:

On completion of this course, the learner shall:

- develop taste for reading among learners.
- develop the appropriate skills of reading and writing among the learners and facilitate reading writing connection.
- understand the processes of reading extended text in the multiple subjects including literature.
- enable learners to read for comprehending ideas, reflect and think on different type of texts
- facilitate self-learning, reflection and ability to express amongst learners.

B.A. IV Semester

Foundation Course Hindi

प्रश्नोत्तर

Co1- fo|kFkhZ;ksa dks e/;izns'k dh ykds dykvksa dk Kku gksxkA

Co2- fo|kFkhZ e/;izns'k dh ykds lkfgR; Is ifjpr gksaxsA

Co3- fo|kFkhZ jktHkk"kk ds :i esa fgUnh dh fLFkfr dks le> IdsaxsA

Co4- fo|kFkhZ tulapkj vkSj i=dkfjrk dks le> IdsaxsA

Foundation Course: Language English (Paper – 4)

Course Outcomes

The learners will

- Read, recite and appreciate poetry and prose
- Write a précis of any text
- Translate any text from English to Hindi and Hindi to English UNIT
- Use suitable proverbs in English
- Punctuate sentences and paragraphs better
- Communicate effectively through media

Foundation Course: Environmental Education

Sr. No	On Completing the course, the students will be able to:
CO 1	Acquire knowledge on the history and evolution of humans
CO 2	Comprehend the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations
critiCO 3	Identify and analyse the geographical phenomenon of their interest and conducting an action research with matters connected and associated thereto
CO 4	Critically evaluate geochemical and nutrient cycles and developing a real life understanding of core concepts
CO 5	Learn to manage environmental issues and problems related to air, land and water

Elective I Literature: Hindi

iz'u i=&4 fgUnh dFkk lfgR;

Co1-fo|kFkhZ x| ds :lk ds esa miU;kl vkSj dgkuh dh fodkl ;k=k dks le> ldsaxsA

Co2- fo|kFkhZ dFkk lkfgR; ds ek;/e ls vk/kqfud ifjos'k dh okLRkfodrk ls :c: gks ldsaxsA

Co3- fo|kFkhZ fgUnh ds izeq[k dgkuhdj ,oa miU;kldkj ls ifjpr gkasxsA

Co4- fo|kFkhZ esa dFkk ys[ku dh {kerk dk fodkl gks ldsxkA

Elective I – Literature: English

English Literature Paper IV: Reading and Appreciating Drama

Course Outcomes

The learners will

- Understand and appreciate plays
- Review the play as a thing to be acted
- Assess the position the theatre occupies in society and examine the contributions it makes to the cultural life of the general public
- Discuss the origin and evolution of English drama
- Integrate various forms of creative expression
- Identify different trends and movements in English literature
- Cultivate positive attitudes towards people of other races, nations, religions, and languages
- Appreciate culture and language not their own
- Enhance aesthetic appreciation
- Recall their own experiences and develop sensitivity to others
- Use their creativity in text transaction and activity

Elective Literature: Marathi

चौथे सत्र - आधुनिक मराठी कादंबरी व नाटक (4th Sem. - Modern Marathi Novel and Drama)

1. मराठीतील कादंबरी आणि नाटक या साहित्यप्रकरांची वाटचाल अभ्यासता येईल.
2. विशेष साहित्यकृतीचा अभ्यास करता येईल.
3. विशेष लेखकाचा अभ्यास करता येईल.
4. विशेष साहित्यकृती आणि लेखक यांमधील परस्पर संबंधांचा अभ्यास करता येईल.
5. दोन लेखक किंवा दोन साहित्यकृती यांचा तौलनिकदृष्ट्या अभ्यास करता येईल.

Elective Literature :Gujarati

Paper -4

- ☐ गुजराती साहित्य द्वारा भाषाना कौशल्योनो विकास करवो
- ☐ अर्वाचीन साहित्यनी विविध विचारधारथी परिचित थवुं.
- ☐ सर्जक तथा सर्जनथी वाकेइ थई भाषाप्रयोगमां नावीन्य लाववुं.
- ☐ विविध साहित्य स्वरूपोथी परिचित थवुं.
- ☐ उमाशंकर जोशीनो अेक सर्जक तरीके अभ्यास करवो.

History

Paper IV

Glimpses of Modern European History (1435-1900 AD)

Learning Outcomes

Students will be able to understand :

- The phenomenon's that shaped the advent of modern age- Growth of Science, and reasoning.
- The changes in the religious institutions and their impact on the social and political order.
- The processes that shaped the economic origin of the world
- The struggles against despotism that paved way for establishment of democratic forms of Government in the World.
- The aspirations of the people that enabled unification of Germany and Italy.

Elective II-Geography

Paper- Environmental geography

After the completion of the course, Students will be able to;

1. Comprehend and assess the concept of environmental determinism, possibilism, ecosystem, functions, and structure
2. Comprehend the human environment relationship in different regions of the world
3. Understand and appreciate the concept of the Biogeochemical cycle
4. Comprehend the environmental problems and management
5. Evaluate environmental programmes and policies of developed countries and developing countries

Practical -

1. Develop the idea of writing a tour report and project report

Elective III- Economics

Paper Name– Statistics

- I. Distinguish types of data and know how to handle the data.
- II. Use the various tools like Mean, Median and Standard Deviation etc. to explain the data and to know their superiority over one-another.
- III. Know the concepts and uses of probability, theories of probability, various probability distributions and sampling distributions.
- IV. Explain the association & causality between different phenomena through regression and correlation analysis.
- V. Know the concept of an estimator and its uses.
- VI. Know various methods of making indices and their importance.

Elective III- Political Science

Course Title: **International Relations**

Sr. No	On Completing the course, the students will be able to:
CO 1	Understand key concepts and theories of international relations, including power, sovereignty, and interdependence.
CO 2	Analyse major historical events and processes that have shaped the international system, such as wars, imperialism, and globalization.
CO 3	Students will analyse the role of power in shaping the behaviour of states and non-state actors in the international system.
CO 4	Appreciation of the complexity and diversity of India's foreign policy and its role in regional and global security.
CO 5	Evaluate disarmament efforts and their effectiveness in reducing global military tensions and preventing armed conflicts including NPT & CTBT

B.Ed . Learning Outcomes

Inclusive Education

Learning Outcomes:

On completion of the course, the prospective teacher learner will be able to:

- explain concerns, challenges and issues in implementation of IE
- aware about controversial issues in inclusive education, including particularly marginalized groups, specific learning difficulties and the future of special schools
- aware about the legislations, policies and schemes for inclusive educations.
- develop critical understanding of the recommendations of various commissions, policies, schemes and committees towards teacher preparation in inclusive education.
- identify, analyse and utilize various techniques and methods required for development of practical skills among learners
- perform how to seek parental, community and NGOs support for utilizing available resources for education in inclusive settings.
- discuss the nature of difficulties encounter and prepare conducive teaching learning environment in inclusive schools.

Assessment for Learning-1

Learning Outcome

On completion of this course students will be able to:

- learn the concept and principles of curriculum.
- make the distinction between curriculum and syllabus.
- learn the bases and determinants of curriculum studies.
- gain insight into the development of curriculum.
- appreciate the need for continuous and comprehension reconstruction.
- learn to implement and evaluation of curriculum.

B.A. B.Ed . V Semester

Foundation Course

Sr. No	On Completing the course, the students will be able to:
CO 1	Understanding how to start one's own firm and the different elements that affect effective establishment and its long-term operations
CO 2	Decide on the size of the business based on the investment requirements for micro, small, and medium-sized firms and weigh the advantages of government initiatives to support MSMEs.
CO 3	Students become more conscious of the need for discipline and skill practise, enhance communication and problem-solving abilities, and clarify their personal goals.
CO 4	Recognise the different entrepreneurship supporting programmes
CO 5	Learn about the spring band and out of the box thinking

Course Title: Entrepreneurship Development-I Course

Outcomes

Elective I – Literature: English

English Literature Paper V: Advanced Communication Skills and Translation Studies

Course Outcomes

The learners will

- Negotiate all communicative encounters with tolerance and dignity
- Become ‘communicatively competent’
- Develop the competence to understand what they hear
- Develop the ability to read with comprehension, and not merely decode
- Use the variety of language being used in other domains
- Develop LSRW skills
- Develop their cognitive abilities
- Study languages in a scientific manner
- Understand nature of translation and also have exposure to different theories of translation
- Translate a poetic piece or a short story.

Elective Literature Hindi

iz'u i=&5 fgUnh dFkk lfgR; fuca/k ukVd ,oa vU; dFksrj fo/kk,aA

Co1- fo|kFkhZ fgUnh x| dh fofu/krkvksa ls ifjpr gks ldsaxsA

Co2- fo|kFkhZ ukVd]fuca/k],dkadh ds fodkl ,oa Lo:lk ls ifjpr gkasxsA

Co3-vU; dFksrj fo/kk,a laLej.k]js[kkfp=]i= ys[ku bR;kfn fo/kkvksa vkSj mldh jpukRedrk ls ifjpr gkasxsA

Co4-fo|kFkhZ vykspuk]vkRedFkk] fjksrktZ] Mk;jh] vkRedFkk] lk{kkRdkj bR;kfn ls ifjpr gkas ldsaxsA

Elective Marathi

पाचवे सत्र - प्राचीन साहित्याचा अभ्यास (5th Sem. - Study of ancient literature)

1. मराठी भाषेची प्राचीनता जाणून घेता येईल.
2. मराठी भाषेच्या विकासाचे टप्पे जाणून घेता येतील.
3. मराठी भाषेचे पाळे-मुळे शोधून भाषेच्या उत्पत्ती संदर्भात जाणून घेता येईल.
4. मराठीतील मूळ आणि प्राचीन साहित्याचा अभ्यास करता येईल.

5. मराठी साहित्याचे प्राचीन अवशेष असलेले ज्ञानेश्वरी, पंडित काव्य, बखर, आज्ञापत्र आदी साहित्य अभ्यासून मराठी भाषेची प्राचीनता व समृद्धता जाणून घेता येईल.

PC1 – Language: English – 1

Course Outcomes

The teachers will

- Develop adequate communicative competencies in the English language in the learners
- Effectively transact the secondary school curriculum in the classroom
- Develop adequate skills of listening in the learners
- Develop adequate skills of speaking with intelligibility in the learners
- Develop adequate skills of reading with understanding of different types of texts in the learners
- Develop requisite skills of writing in the learners to enable them to communicate better in different situations

PC1 Language :Marathi

पाचवे सत्र - मराठी अध्यापन आणि पद्धती - भाग १ (5th Sem. - Marathi Teaching and Methods - Part 1)

1. माध्यमिक स्तरावरील मराठीच्या अध्यापनाचे स्वरूपण जाणून घेता येईल.
2. मराठी भाषेच्या बोलण्यात आणि लिहिण्यात असणारे अंतर जाणून प्रमाण भाषेच्या अध्ययनाची आवश्यकता जाणून घेता येईल.
3. भाषेचा अभ्यासक्रम व शिक्षक कसा असावा याबद्दल जाणून घेता येईल.
4. भाषा अध्ययनाचे प्रमुख तत्त्वे जाणून घेता येतील.
5. भाषेच्या शिक्षणात संगणक, इंटरनेट आदींचे महत्त्व जाणून घेता येईल.

PCI - Social Science - 1

1. Students will be able to understand meaning, nature and scope of social science.
2. Students will be able to understand Interdisciplinary approach in social science.
3. Students will be able to understand epistemological and normative base of social science.
4. Students will be able to understand and analyze pedagogies in social science.
5. Students will be able to understand and apply various process skill in social science.

Gujarati

Paper -5

- ❑ પ્રશિક્ષણાર્થીઓમાં લેખન કૌશલ્યોનો વિકાસ કરવા.
- ❑ પ્રશિક્ષણાર્થીઓમાં મૌલિક અભિવ્યક્તિનો વિકાસ કરવા.
- ❑ વિદ્યાર્થીઓ અને શિક્ષકો વચ્ચેના સંવાદ માટે ભાષાના સુંદર વિનિયોગ માટે.
- ❑ પ્રશિક્ષણાર્થીઓમાં વ્યાકરણ શુદ્ધ લખાણ કરવાનું કૌશલ વિકસે.

History

Themes in Modern Indian History (1857-1950AD)

Learning Outcomes

Students will be able to

- ❖ Formulate basis of modern India through different concepts like modernity, Rule of Law etc.
- ❖ Analyze the process of rise modern India and its foundation made by Social reformer and freedom fighters
- ❖ Analyze social background of Indian Nationalism
- ❖ Understand the spirit of nationalism that influenced the masses to display their solidarity against imperialism and embarking on the path of freedom struggle.
- ❖ Learn about Mahatma Gandhi, the development of nonviolent mass action, and the Indian movement for Independence.
- ❖ The legislative measures taken by the British government will be understood in the backdrop of the Indian National Movement.
- ❖ Analyze the reasons responsible for the growth of communalism that ultimately resulted in the partition of India.
- ❖ Understand the basic values enshrined in the Indian Constitution.

Geography

Paper – geography of India

After the completion of the course, Students will be able to;

1. Explain and develop an idea of the major physiographic divisions of India, drainage system, soil, vegetation, and climate
2. Comprehend population growth, spatial distribution, sex ratio, and literacy in India
3. Comprehend economic geography and distribution of resources and human activities
4. Develop and assess the impact of globalization, liberalization, and privatization on Indian economic
5. Develop an idea about race, caste, religion, language, tribes, and their correlation.

Practical – comprehend and use statistical techniques in Geographical studies

Economics

Paper Name–Money, Banking & International Trade

Course Outcome:

- I. Understanding the concept, classification and supply of money.
- II. Understand the process of credit creation, incorporating its impact on Indian economy
- III. Learn the relation between inflation and unemployment
- IV. Analyze the financial market of India
- V. Describe the monetary policy of India with reference to Indian economy.

Elective III- Political Science

Sr. No	On Completing the course, the students will be able to:
CO 1	Develop critical thinking skills through examining and comparing different schools of thought within Western political theory.
CO 2	Analyse the ideas and theories of prominent Western political thinkers such as Plato, Aristotle, Locke, and Rousseau.
CO 3	Students will be able to analyse the themes and arguments presented in Machiavelli's most famous work, The Prince, including his views on power, morality, and governance.
CO 4	Students will develop critical thinking skills through the evaluation and assessment of ethical theories and arguments of Bentham and J.S Mill.
CO 5	Developing their ability to communicate complex ideas effectively, both orally and in writing, through the analysis and interpretation of philosophical texts of Green, Hegel and Marx

Course Title: **Western Political Thoughts**

B.Ed . Learning Outcomes

Assessment for Learning-II

Learning Outcome

On completion of this course students will be able to:

- develop assessment tasks and tools to assess the learners' performance.
- analyze, interpret assessment data, and reporting procedures of learners' performance in schools.
- develop indicators to assess learners' performance on different type of tasks.
- examine the issues and concerns of assessment and evaluation practices in schools.
- discuss the policy perspectives on assessment practices and evaluation, and their implementation practices in schools.
- use ICT based assessment practices and other trends.

Basics of Education

Learning Outcomes:

On completion of the course, the learner will be able to develop:

- insights into nature and purpose of philosophy of education
- critical understanding about the relationship between philosophy and education
- abilities to identify processes, and sources of knowing in different contexts and different subject knowledge
- the ability to appreciate the critical role of various thinkers on education
- insight into theories of knowledge
- critical understanding of normative nature of education

Foundation Course

Semester - VI

Sr. No	On Completing the course, the students will be able to:
CO 1	Develop a business idea, by using a methodical approach and comprehending the entrepreneurial challenge
CO 2	Analyse the legal difficulties involved in business formation and create methods for the effective implementation of the concepts
CO 3	Discover their creative, entrepreneurial, team-building, and problem-solving talents
CO 4	To advance their knowledge and skills in competitive analysis and in mobilising resources
CO 5	Determine the criteria to evaluate the opportunities and limitations for a new business idea.

Course Title: Entrepreneurship Development-II Course

Outcomes

Elective Literature: Hindi

iz'u i=&6 Hkkjrh; Hkk"kkvksa dk vk/kqfud lkfgR; %&

Co1-fo|kFkhZ fgUnh ds vfrfjDr vU; Hkkjrh; Hkk"kkvksa dh jpukvksa ls ifjpr gkas ldsaxsA

Co2-fo|kFkhZ fofHkUu Hkk"kkbZ laL—fr dh iM+rky] jpukvksa ds ek;/e ls dj ldsaxsA

Co3-fo|kFkhZ vyx&vyx laL—fr] ifjos'k okrkoj.k bR;kfn ls ifjpr gkas ldsaxsA

Co4-fo|kFkhZ fgUnh ds brj vU; Hkkjrh; Hkk"kkvksa ds jpukdkj ,oa mudh jpukvksa ls ifjpr gkas ldsaxsA

Co5-fo|kFkhZ Hkkjrh; Hkk"kkvksa ds vk/kqfud lkfgR; dh jpuk izfØ;k ls ifjpr gkas ldsaxsA

Elective I – Literature: English

English Literature Paper VI: Reading and Appreciation of Fiction

Course Outcomes

The learners will

- Identify the different aspects of novel
- Analyse the evolution of novel technique
- Discuss how the English language has evolved down the ages
- Describe different trends and movements in English literature
- Cultivate and develop their imagination and creativity
- Cultivate positive attitudes towards people of other races, nations, religions, and languages
- Appreciate culture and language spoken across the world
- Enhance and experience aesthetic delight

PC 2 – Language: English – 2

Course Outcomes

The teachers will

- Teach English language and literature better at the secondary level.
- Use various techniques and activities in the classroom to teach English better
- Create an effective learning situation in the classroom by preparing better lesson plans
- Use the suggestions of the National Education Policy, National Curriculum Framework in the teaching learning process
- Use multimedia and communication technology better in teaching learning process
- Assess and evaluate learners' progress using different types of tests, rubrics etc.

PC I - Social Science - 2

Course Outcomes:

1. Students will be able to understand the importance of teacher content preparation.
2. Students will be able to understand the importance of observation skills in the area of social science.
3. Students will be able to understand the concepts of culture, social stratification and social change.
4. Students will be able to understand gender differential across caste, class and religious structure in India.
5. Students will be able to understand and analyze demography and distribution of wealth's in society.

Marathi

सहावे सत्र - भाषाशास्त्र आणि समीक्षा (6th Sem. - Linguistics and Criticism)

1. भाषाविज्ञान आणि समीक्षा यांमधील मूलभूत संकल्पना समजतील.
2. भाषा, भाषेचे कार्य आणि भाषेचे स्वरूप यांबद्दल जाणून घेता येईल.
3. भाषाविज्ञानातील ध्वनिविचार व अर्थविचार या संकल्पनांचा शूक्ष्म अभ्यास करता येईल.
4. मराठी समीक्षेची वाटचाल अभ्यासता येईल.
5. मराठीतील महत्त्वाच्या समीक्षकांबद्दल जाणून घेता येईल.

सहावे सत्र - मराठी अध्यापन आणि पद्धती - भाग २ (6th Sem. - Marathi Teaching and Methods - Part 2)

1. प्रत्यक्ष वर्गात शिकवताना हव्या असणाऱ्या कौशल्यांचा अभ्यास करणे.
2. अध्यापनाच्या विविध पद्धती जाणून घेता येईल.
3. शिक्षक म्हणून हव्या असणाऱ्या कौशल्यांचा अभ्यास करणे.
4. अध्यापनाचे नियोजन आत्मसात करता येईल.
5. भाषेच्या शिक्षणात संगणक, इंटरनेट आदींचे महत्त्व जाणून घेता येईल.

Gujarati

पेपर-6

- ☐ शिक्षकोमां गुजराती भाषाना कवन , वांचन, लेખन वगरे कौशल्योनो विकास थाय.
- ☐ शिक्षको गुजराती साहित्यना संस्कार वारसाने समजे.
- ☐ शिक्षको भाषा ना विविध घटकोथी माहितगार थाय.
- ☐ भाषाना परिवर्तनथी वाकेंड थाय.
- ☐ गुजराती अध्यापन प्रक्रिया ज़ुवंत अने रसप्रद बनाववा.

History

Paper VI

Glimpses of Modern European History (1900-1945)

Learning Outcomes

Students will be able to understand

- ❖ The international politics and diplomacy that culminated in World Wars.
- ❖ People's aspirations for self-rule through the Russian Revolution, and rise of Fascism and Nazism.
- ❖ The process of imperialism in China and Japan. The response to imperialism in the form of emergence of militarism in Japan.
- ❖ The processes and institutions for establishment of world peace.

Elective II: Geography

Paper – Regional planning and development

After the completion of the course, Students will be able to;

1. Comprehend and identify regions as an integral part of geographical study
2. Assess the varied aspects of development and regional disparity, in order to formulate measures of balanced development
3. Analyzing the concept of regions and regionalization
4. Comprehend and assess theories on regional development and planning
5. Gain knowledge about regional development, develop an idea about basic strategies for regional development, multilevel planning, balanced area development, and rural development planning
6. Develop and comprehend planning in India; Five Year Plans, Area Development; Hill Area; Tribal Area; Draught prone area; watershed; Intensive rural development program, district planning and block level planning, and NITI Aayog

Practical -

1. Develop knowledge of the principles of remote sensing, sensor resolutions, and image referencing schemes.
2. Interpret satellite imagery and understand the preparation of false color composites from them
3. Develop how to use Geographic Information System (GIS) software for contemporary mapping skills.
4. Analyzing and interpreting remotely sensed satellite images and aerial photographs in order to understand topographical and cultural variations on the Earth's surface.
5. Apply GIS to the preparation of thematic maps

Elective III:Economics

Paper Name–Public Finance

- I. Analyse the source of public and private finance and understand market failure and role of government,
- II. Describe the concepts and principle of public finance, revenue, expenditure, debt and budget.

- III. Analyse the principle of taxation, progressive taxation, and various types of tax and its effects.
- IV. Analyse Indian tax structure, types of taxes in India, and understand tax reforms in India,
- V. Analyse the financial administration in India.

ElectiveIII: Political Science

Course Title: **Indian Political Thoughts**

Sr. No	On Completing the course, the students will be able to:
CO 1	Developing awareness of the diversity of Indian political thought, students to be able to appreciate the diversity of Indian political thought.
CO 2	Thorough understanding of the key concepts and principles of philosophy of Kautilya, Raja Rammohan Roy and Vivekanand.
CO 3	Knowledge of the key concepts and principles of Indian school of thoughts.
CO 4	Appreciation of the complexity and diversity of thoughts of MN Roy, JP Narayan and Ambedkar.
CO 5	Critical analysis of contemporary Indian political thoughts of Gandhi, Nehru, A.N Dev, Tilak and Gokhale.

Course Title: Entrepreneurship

Development-II

Sr. No	On Completing the course, the students will be able to:
CO 1	Develop a business idea, by using a methodical approach and comprehending the entrepreneurial challenge
CO 2	Analyse the legal difficulties involved in business formation and create methods for the effective implementation of the concepts
CO 3	Discover their creative, entrepreneurial, team-building, and problem-solving talents
CO 4	To advance their knowledge and skills in competitive analysis and in mobilising resources
CO 5	Determine the criteria to evaluate the opportunities and limitations for a new business idea.

Gender Issues and Peace Education

Learning Outcomes:

On completion of this programme the learner shall:

- Become aware of role of education in building peace as dynamic social reality.
- Understand and resolve conflicts within, and mediate others.
- Empower themselves and transcend barriers of identity.

- Use pedagogical skills and strategies in and out of classroom for promoting peace at school level.
- Act as agency to promote peace in the local community influencing school.

Schooling, Socialization & Identity

Learning Outcomes:

On completion of this programme the learner shall:

- Become aware of the processes of socialization at home which contribute in shaping identity formation of the school going child (in Indian contexts)
- Reflect critically on factors that shape identity formation.
- Acquaint with the processes that shape one's own sense of identity.
- Become critically aware of 'identity'
- Reflect on one's aspirations and possibilities in order to develop a growing sense of agency as a 'teacher', a 'professional', as well as a 'human being'
- Recognize the clash of identity as an offshoot of narrow identity assertion
- Appreciate and work in developing national, secular and humanistic identity
- Work for the construction of universalistic and humanistic identity

B.A.B.E.d VII Semester-(Internship)

B.A. VIII Semester

Foundation Course

Environmental
Education

Sr. No	On Completing the course, the students will be able to:
CO 1	They will be able to communicate to the society about the need of safeguarding the environment since they get aware of the need for doing so by utilizing their effective social and interactive skills.
CO 2	To increase one's capacity for locating pertinent environmental problems, delve into the different underlying causes, assessing practices and regulations, and creating a framework for deliberation.
CO 3	Actively participate in resolving present environmental issues and preventing new ones.

CO 4	Acquire consciousness and learn to save various forms of energy
CO 5	Analyse how human behaviour affects the biological environment

Elective Literature Hindi

iz'u i=&8 iz;kstuewyd fgUnh%&

Co1-fo|kFkhZ fgUnh lkfgR; ,oa iz;kstuewyd fgUnh esa vUrj le> ldsaxsA

Co2-fo|kFkhZ iz;kstuewyd fgUnh ds ek;/e ls dk;kZy;h iz;ksx] i=dkfjrk ,oa mlds fofHkUu :iksa dks le> ldsaxsA

Co3-fo|kFkhZ vuqokn ,oa vuqokn dh izfØ;k dks le> ldsaxsA

Co4-fo|kFkhZ bysDV^aksfud fefM;k ls ifjpr gks ldsaxsaA

Elective I – Literature: English

English Literature Paper VII: Literary Criticism

Course Outcomes

The learners will

- Demonstrate familiarity with the history of literary theory in the West, including prominent theorists and critics, important schools and movements, and the historical and cultural contexts important to those theories
- Demonstrate an understanding of key concepts in literary theory
- Explain to others the meaning, significance, and value of specific literary theoretical works
- Use literary theoretical concepts to develop your own interpretations of literary texts
- Analyze specific literary theories in order to distinguish them from other theories and to identify the structure and logic of their arguments
- Think critically about a range of literary theories
- Write in an insightful and informed way about specific literary theoretical work

Marathi

आठवे सत्र - मराठी साहित्य – आत्मकथन व वैचारिक साहित्य (8th Sem. - Autobiography and ideological literature)

1. मराठीतील आत्मकथन आणि वैचारिक साहित्य या साहित्यप्रकरांची वाटचाल अभ्यासता येईल.
2. पुरुष आणि महिला यांच्या आत्मकथनांचा तौलनिकदृष्ट्या विचार करून दोघांमधील साम्य-भेद जाणून घेता येईल.
3. विविध वाङ्मय प्रवाहांमधील आत्मकथनांमधील विशेष अभ्यासता येईल.
4. मराठीतील वैचारिक लेखकांची फळी अभ्यासता येईल.
5. वैचारिक साहित्याचा समकालीन साहित्याशी असलेला सह-संबंध जाणून घेता येईल.

History

Social and Cultural Patterns in Ancient and Medieval India

The students will be able to

- ❖ Understand the social processes during the ancient period and their gradual transformation.
- ❖ Analyze the socio- political context that led to the growth of humanistic ideas in the form of Bhakti and Sufi movement during the medieval period
- ❖ Appreciate the rich heritage of Indian literature and architecture.
- ❖ Take interest to read historical maps, biographies, and novels.
- ❖ Take interest to visit historical place and understand India through caves, Temple, Art Architecture.

Paper – Disaster management

After the completion of the semester course, students will be able to

1. Defined concepts of hazards, risk, vulnerability, and disaster
2. Comprehend the causes and impact of floods, landside, and drought in India
3. Do mapping on earthquakes, Tsunami, and cyclones
4. Develop and assess human-induced disaster, their impact, and mapping
5. Do and apply different response and mitigation strategies during disaster

Practical-

1. Apply different disaster management strategies during disaster

Economics

Paper Name– Trade & Development Economics

Course Outcome:

- I. Understand the concept and various approaches of development
- II. Use the statistics to understand the economic problem related to the public finance.
- III. Analyse poverty and the basic needs by studying the conceptual issues of poverty and its measurement.
- IV. Understand the gains from trade and different types of trade theory.
- V. Explain the financial administration in India.

Political Science

Course Title: Public Administration

Sr. No	On Completing the course, the students will be able to:
CO 1	Identify and analyse the core concepts of public administration including current issues and trends in public administration.
CO 2	Comprehend the relevance of theories of bureaucracy, decision making and motivation in the administration.
CO 3	Critically evaluate theories of Organization: the Classical Theory, Scientific Management Theory, Human Relations Theory, Bureaucratic Theory and Rational Decision-Making.
CO 4	Internalizing concepts of development Administration: Public Administration in the age of Globalization and Liberalization, Bureaucracy: Nature and Functions, Public Relations: Lokpal and Lokayukta
CO 5	Comprehend the principles and concepts of financial administration, including budgeting, financial analysis, forecasting, and financial reporting.

B.Ed . Learning Outcomes

Vision of Indian Education: Issues & Concerns

Couse Learning Outcome

On completion of this course students will be able to:

- appreciate constitutional ideals and values and reflect critically on the role of education in relating to those ideals.
- identify and internalize values of new social order envisioned and enshrined in Indian constitution.
- discuss the diverse and complex nature of Indian society.
- appreciate the Indian nation is in the process of making.
- reflect on inherent contradictions present in India.
- realize and interpreted the nature of Indian schooling.
- develop perspective on issues and concerns of Indian schooling.
- sensitize towards child rights and classroom practices.

School Management and Leadership

Learning Outcomes:

On completion of the course, the learner will be able to:

- explain about developmental process of School Management and Leadership
- discuss perspective and structure of management
- define the nature of leadership and approaches
- describe the dimensions of leadership and its implications.
- identify the dynamics of School management and trends in School management in India
- critically examine the present managerial practice and the issues related.
- analyze the challenges and opportunities emerging in the management.

B.Ed. 2 Year Programme

Programme Learning Outcomes

On completion of B.Ed. two year programme pupil-teachers will be able to:

- Teaching Competency: Know, select and use of learner-centered teaching methods, understanding of paradigm shift in conceptualizing disciplinary knowledge in school curriculum, necessary competencies for organizing learning experiences, select and use of appropriate assessment strategies for facilitating learning.
- Pedagogical Skills: Applying teaching skills and dealing with classroom problems.
- Teaching through non-conventional modes: Evolving a system of education which enhances the potential of every learner to acquire, retain and transform knowledge leading to wisdom society through creative, experiential and joyful modes of learning.
- Critical thinking: Analysis of curriculum, construction of blue print selecting appropriate teaching strategies according to needs of students and conducting action research to solve classroom problems.
- Effective communication: presenting discussions, seminars before peer students and teachers and practicing communication skills through various linguistic activities and applying it for better classroom communication.
- Sensitivity towards inclusion: Identifying the diversities and dealing it in inclusive classrooms environment, guidance and counselling programmes for disabled students.
- Effective citizen ethics: understand values, morality, social responsibilities for the society.
- Self-directed learning: preparing scripts for seminars, lesson plans and online content.
- Social resilience and to use technology: understand about social entities and to cope up with adverse conditions of life and train to use technology.
- Sensitivity towards environment: understand about the responsibilities regarding environment and ecosystem.
- Physical and mental health development: Physical education, games, sports and practice yoga, meditation and breathing for mental health.
- Team work: Enable to work as a member or leader in diverse teams and in multidisciplinary setting by following the principles of collaborative

learning, co-operative learning, team teaching and focused group learning.

- Unity and national integration: Enable students to respect other religions and instill spirit of national integration through celebration of important days and festivals.

Semester -I

PE-I: Childhood and Growing Up

Course Learning Outcomes:

On completion of this course the learner shall:

- Study concept of growth and development, factors influence development and individual difference in individuals
- Study the role of socio-cultural context in shaping human
- Development, especially with respect to the Indian context.
- Develop theoretical perspectives and understanding of dimensions and stages of human development and developmental tasks.
- Knowledge of stages and dimensions of development, views of Erickson, Piaget and Vygotsky on development will be developed
- Conceptualize nature of memory, transfer of learning, motivation and creativity and process of its development during growing up
- Understand nature of adolescence and life skills education and role of teacher counsellor and parents in dealing with adolescence problems.
- Focus on the nature of child abuse, substance abuse, peer pressure and its bearing on childhood and adolescence.

PE-2 Contemporary India and Education

Course Learning Outcomes:

On completion of this course the learner shall:

- Realize the concerns and challenges related to Education in contemporary India.

- Acquaint the teacher-educators with the concepts, nature, principles, procedures and approaches of educational policies.
- Precisely informed about the educational planning in India.
- Develop insight into the areas of concern in right based education.
- Understand the problems in conceptualizing and ensuring quality education.
- Acquire a comprehensive vision of global concerns in the different areas of the current educational scenario.

CPS-2(A) Pedagogy of Hindi-1

(हिंदी का शिक्षणशास्त्र)

सीखने के प्रतिफल

इस कोर्स के पूरा होने पर, शिक्षार्थी

- भाषा के स्वरूप और व्यवस्था बारीकियों को समझेंगे।
- भाषा सीखने की रचनात्मक प्रक्रिया को जानेंगे।
- भाषाई दक्षता प्राप्त करेंगे।
- परिवेश स्कूल समाज और समझ के बीच के संबंध को जानेंगे।
- पाठ्यचर्या पाठ्यक्रम और पाठ्य पुस्तक का विश्लेषण कर बच्चों की समझ की समझ विकसित करेंगे।
- भाषा और साहित्य के संबंध को जानेंगे।
- भावों और विचारों की स्वतंत्र अभिव्यक्ति करेंगे।
- अनुवाद का महत्व और भूमिका को जानेंगे।
- विद्यार्थियों की रचनात्मकता को पहचानेंगे।
- विद्यार्थियों को बहुभाषिकता के लिए प्रोत्साहित करेंगे।
- मूल्यांकन रचनात्मकता के आधार पर करेंगे।
- भाषा शिक्षण में उचित अधिगम सामग्री का प्रयोग कर सकेंगे।
- विभिन्न साहित्यिक विधाओं के प्रति रुचि जागृत होगी।

CPS-2(A) Pedagogy of English-1

Course Learning Outcomes:

On completion of this course the learner shall:

- infer the different roles of language
- use the language in context such as grammar and vocabulary

- identify methods, approaches and materials for teaching language at various levels in the Indian context
- evaluate the process of language assessment
- visualize the importance and role of languages in life.
- possess a definite understanding relating to structure and aspects of languages.
- distinguish between language learning and language acquisition and facilitate acquisition of language/s.
- examine the language policies including place and importance of language in school curriculum.
- develop expertise for facilitating the learners to gain mastery over the language skills.

CPS-2(A) Pedagogy of Physical Science -1

Course Learning outcome

Course Learning Outcome

- On completion of this course the teacher educators shall:
- explain the nature of science
- explore the inter-relationship between physical science and other school subjects
- specify the aims and objectives of teaching learning physical science
- review the contribution of major scientists
- critically review various physical science curricula
- discuss various theories and approaches of learning and analyse their implications for teaching physical science
- explore various methods of teaching physical science
- prepare unit plan, lesson plans in an artistic and scientific way

CPS-3(B) Pedagogy of Biological Science -1

Course Learning outcome

Course Learning Outcome

- explain the nature of biological science
- explore the inter-relationship between biological science and other school subject
- specify the aims and objectives of teaching-learning of biological science

- identify the major turning points in the history of biology
- review the contributions of major biologist
- critically review various biological science curriculum
- discuss various theories/approaches of learning and analyze their implications for teaching biological science
- explore various methods of teaching biological science
- prepare unit plans, lesson plans for a topic in biology in an artistic and scientific way

CPS-3(B) Pedagogy of Social Science -1

Course Learning Outcomes:

On completion of this course the learner shall:

- develop an understanding of the nature of Social Sciences, both of individual discipline and as an integrated/ interdisciplinary area of study
- state the concepts of History, Geography, Political sciences and Economics included in the secondary curriculum and make pedagogical analysis of these concepts
- identify, prepare, collect different teaching-learning resource materials and use effectively in the classroom
- the prevailing pedagogical practices in classrooms to facilitate learning of social sciences analyse and transact the Social Sciences curriculum effectively.
- develop lesson plans by integrating it with life, nature, other subjects and ICT.

CPS-3(B) Pedagogy of Mathematics-1

Course Learning Outcomes:

On completion of this course the learner shall:

- understand the nature scope and values of mathematics, its place in school curriculum, contributions of Indian and other mathematicians.
- state the objectives of teaching and learning mathematics at the school levels.
- develop daily plan, long-term and short-term plan for teaching-learning mathematics

- understand different approaches and methods of teaching-learning in mathematics
- develop plans along with tools and techniques for conducting continuous and assessment comprehensive of and for students leaning in mathematics.
- construct appropriate assessment tools for evaluating mathematics learning
- stimulate curiosity, creativity and inventiveness in mathematics
- develop competencies for teaching for teaching-learning mathematics through various measures
- focus on understanding the nature of children's thinking and learning process and
- examine the language of mathematics, engaging with research on children's learning specific areas.

CPS-4 Assessment for learning-1

Course Learning Outcome

On completion of this course students will be able to:

- learn the concept and principles of curriculum.
- make the distinction between curriculum and syllabus.
- learn the bases and determinants of curriculum studies.
- gain insight into the development of curriculum.
- appreciate the need for continuous and comprehension reconstruction.
- learn to implement and evaluation of curriculum.

EPC-3 Understanding ICT and its Application-1

Course Learning Outcomes:

On completion of this course the learners shall:

- understand meaning, nature and evolution of information and communication technology
- demonstrate understanding of the main components of the computer hardware in use.
- use various digital technologies (hardware and software) for creating resources and providing learning experiences for all types of learners.

- use various ICTs for project based/problem based constructivist learning environment
- explain the role of ICT in authentic and alternative assessment
- understand the social, economic, and ethical issues associated with the use of ICT
- able to select appropriate ICT tools
- able to integrate appropriate tools of ICT in Education

EPC-5 Health, Physical education and Yoga

Course Learning Outcome

On completion of this course students will be able to:

- learn variety of motor skills and abilities related to lifetime leisure activities.
- learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- learn and improve understanding of movement and the human body.
- learn and improve knowledge of rules and strategies of particular games and sports.
- organized various activities on Yoga, Sports and Games on their working place.
- provide hands-on experience by using various sports equipments.
- conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- understand how and why they move in a variety of situations and use this information to enhance their own skills.
- exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- demonstrate responsible personal behaviour while participating in movement activities.
- demonstrate responsible social behaviour while participating in movement activities. Students will understand the importance of respect for others.
- understand the relationship between history, culture and games.

Semester -II

PE-3: Learning and Teaching

Course Learning Outcomes:

On completion of this course the learner shall:

- conceptualize a framework of learning in terms of diverse contexts and approaches to learning and learning environment
- reflect on the process of learning from the point of view of different theoretical perspectives and the need to adopt appropriate approach
- state the differences among the different theoretical explanations of learning and provide appropriate justifications to the present teaching-learning practices
- elaborate the cognitive processes involved in acquiring learning experiences
- explain the importance of motivation and the strategies to motivate the learners for learning
- describe different forms of learner's engagement in and out of classroom while learning
- state the characteristics of different stages of human development with emphasis on the childhood and adolescence stages period
- identify the characteristics of individual differences among the learners and adopt appropriate strategies to meet the individual learning needs
- assess the learner's progress using multiple tools and techniques on a continuous basis ensuring quality of learning at each stage of learner's growth.

PE-5: Knowledge and curriculum

Course Learning Outcomes:

On completion of the course, the prospective teacher educators will be able to:

- explain the meaning, nature and determinants of curriculum
- compare the various types of curriculum
- reflect on the bases of curriculum development
- explain various approaches and models of curriculum development

- identify the guiding principles of selection and organization of learning experiences
- describe the process of curriculum evaluation

CPS-2(A) Pedagogy of Hindi-2

(हिंदी का शिक्षणशास्त्र)

सीखने के प्रतिफल

इस कोर्स के पूरा होने पर, शिक्षार्थी

- हिंदी भाषा से संबंधित भाषाई अवधारणाओं की सटीक समझ प्रदर्शित करेंगे,
- अपने स्वयं के सांस्कृतिक प्रथाओं और दृष्टिकोणों और लक्ष्य भाषा समूहों के बीच प्रमुख समानताओं और अंतरों के बारे में जागरूकता का प्रदर्शन करेंगे।
- भाषण और लेखन में स्पष्ट रूप से और सटीक रूप से भिन्न सांस्कृतिक दृष्टिकोण व्यक्त करने की क्षमता का प्रदर्शन करेंगे।
- प्रमुख साहित्यिक, कलात्मक और सांस्कृतिक कार्यों और लक्ष्य भाषा समाजों से जुड़े आंकड़ों के ज्ञान को स्पष्ट करेंगे।
- भाषण और लेखन में स्पष्ट रूप से संगठित और सुसंगत प्रस्तुतियों में प्रामाणिक ग्रंथों और अन्य सांस्कृतिक उत्पादों का विश्लेषण और व्याख्या करेंगे,
- पेशेवर संचार, अनुवाद और परियोजना सहयोग सहित आज के वैश्वीकृत कार्य वातावरण के विशिष्ट कार्यों को प्रभावी ढंग से करने के लिए छात्र लक्षित भाषा दक्षताओं, अंतर-सांस्कृतिक दक्षताओं, प्रौद्योगिकी कौशल और सोच और अभिव्यक्ति के महत्वपूर्ण तरीकों को एकीकृत करेंगे।
- शैक्षणिक सिद्धांतों, विदेशी भाषा शिक्षण विधियों, सर्वोत्तम प्रथाओं और की गहन समझ और उन्हें अपने छात्रों की भाषा प्रवीणता और सांस्कृतिक क्षमता बढ़ाने के तरीकों में लागू करने की क्षमता का प्रदर्शन करेंगे।
- विद्यार्थियों को बहुभाषिकता के लिए प्रोत्साहित करेंगे।
- मूल्यांकन रचनात्मकता के आधार पर करेंगे।
- भाषा शिक्षण में उचित अधिगम सामग्री का प्रयोग कर सकेंगे।

CPS-2(A) Pedagogy of English-2

Course Learning Outcomes:

On completion of this course the learner shall:

- explain the different roles of language
- infer the use of language in context such as grammar and vocabulary
- identify methods, approaches and materials for teaching at various levels in the Indian context
- develop activities and tasks for learners including audio-video materials, ICT and internet

- justify the process of language assessment
- have a command over the various approaches, methods and techniques of teaching – learning language
- use the appropriate techniques for the learners at the preparatory and middle levels for active participation of the learners
- develop lesson plans on language skills, action song/rhymes, simple prose and poetry following 5-e approach
- devise and use various teaching-learning resources/materials for the learners
- assess the learners both during and after teaching learning using various assessment techniques and tests

CPS-2(A) Pedagogy of Physical Science -2

Course Learning outcome

Course Learning Outcome

- On completion of this course the teacher educators shall:
- explain the nature of science
- explore the inter-relationship between physical science and other school subjects
- specify the aims and objectives of teaching learning physical science
- review the contribution of major scientists
- critically review various physical science curricula
- discuss various theories and approaches of learning and analyse their implications for teaching physical science
- explore various methods of teaching physical science
- prepare unit plan, lesson plans in an artistic and scientific way

CPS-3(B) Pedagogy of Biological Science -2

Course Learning outcome

Course Learning Outcome

- explain the nature of biological science
- explore the inter-relationship between biological science and other school subject

- specify the aims and objectives of teaching-learning of biological science
- identify the major turning points in the history of biology
- review the contributions of major biologist
- critically review various biological science curriculum
- discuss various theories/approaches of learning and analyze their implications for teaching biological science
- explore various methods of teaching biological science
- prepare unit plans, lesson plans for a topic in biology in an artistic and scientific way

CPS-3(B) Pedagogy of Social Science -2

Course Learning Outcomes:

On completion of this course the learner shall:

- develop skills and pedagogical competencies to formulate specific Course Learning Outcomes for different contents of social sciences.
- become a professionally competent social science teacher
- construct appropriate tools and techniques for assessment of the students learning outcomes in social sciences
- critically analyze text book and syllabus of social science subjects at different stages of school education
- develop skills to organize and conduct various activities related to social science areas

CPS-3(B) Pedagogy of Mathematics-2

Couse Learning Outcome

On completion of this course the students will be able to:

- develop insight into the meaning, nature, scope and objective of mathematics education
- appreciate mathematics as a tool to engage the mind of every student
- appreciate mathematics to strengthen the student's resource
- appreciate the process of developing a concept
- appreciate the role of mathematics in day-to-life

- channelize, evaluate, explain and reconstruct their thinking; see mathematics as something to talk about, to communicate through, to discuss among themselves, to work together on; pose and solve meaningful problems
- construct appropriate assessment tools for evaluating mathematics learning
- stimulate curiosity, creativity and inventiveness in mathematics
- develop competencies for teaching for teaching-learning mathematics through various measures
- focus on understanding the nature of children's thinking and learning process and
- examine the language of mathematics, engaging with research on children's learning specific areas.

EPC-3 Understanding ICT and its Application-1

Course Learning Outcomes:

On completion of this course the learner shall:

- Creating nuance of ICT tools (both hardware and software) for various teaching learning resources for educational purposes.
- Use various digital technologies for creating resources and providing learning experiences for all types of learner (including differently abled)
- Operate computer applications in ICT enabled learning environment.
- Use ICT for problem based constructivist learning environment.
- Appreciate the historical development of various educational media.
- Ability to demonstrate the main processes in an ICT system (sending, receiving, storing, retrieving, manipulating, conveying) using various spreadsheet, word processor, presentation and database software.

EPC-5 Health, Physical education and Yoga

Course Learning Outcome

On completion of this course students will be able to:

- learn variety of motor skills and abilities related to lifetime leisure activities.
- learn and improve understanding of the importance of maintaining a healthy lifestyle and physical fitness.
- learn and improve understanding of movement and the human body.
- learn and improve knowledge of rules and strategies of particular games and sports.
- organized various activities on Yoga, Sports and Games on their working place.
- provide hands-on experience by using various sports equipments.
- conduct various level of Sports Tournament, drawing of fixtures and implementation of latest rules and trends.
- understand how and why they move in a variety of situations and use this information to enhance their own skills.
- exhibit a physically active lifestyle and will understand that physical activity provides opportunities for enjoyment, challenge and self-expression.
- demonstrate responsible personal behaviour while participating in movement activities.
- demonstrate responsible social behaviour while participating in movement activities. Students will understand the importance of respect for others.
- understand the relationship between history, culture and games.

School Attachment

Course Learning Outcomes:

On completion of this programme the learner shall:

- experience the multi-cultural dimensions in and across the different schools (government – non-government, rural – urban, tribal – non-tribal, co-education – girls, English – vernacular medium, special and inclusive, minority managed schools) in respect of availability of physical infrastructure, human resource (academic and non-academic), curriculum transaction process, teaching-learning resources.

- prepare a report on the experiences gained in the aforesaid aspects in comparative perspectives.
- envision a functional school and identify its unique cultural elements facilitating an all-round development of the learners and quality learning in terms of:
 - designing appropriate classroom arrangement
 - developing meaningful teaching-learning strategies
 - identifying effective teaching-learning resources
 - organizing other curricular and support activities
 - drawing a realistic plan and programme for institutional development
 - preparing annual calendar of activities for the institution

Semester –III

School Internship Programme

Course Learning Outcomes:

On the completion of the internship, the learner shall:

- Develop professional capabilities and sensibilities as an effective teacher and maintain sustained engagement with learners and teachers of schools.
- Acquire required skills and competencies to cater to diverse needs of the learners in schools
- Apply the theoretical understanding developed through various perspective and pedagogic courses in the actual classroom practices for enhancing quality of teaching and learning.
- Internalize the role of a teacher and a teacher-educator – as a facilitator of learning, classroom manager, resource mobilizer and manager, innovator, evaluator of learner performance, planner and organizer of other curricular activities, mentor and counselor for children and practicing teachers, developer and evaluator of curriculum textbooks and other TLMs etc.

Semester –IV

PE-4: Knowledge and curriculum

Course Learning Outcomes:

On completion of this programme the learner shall:

- Become aware of role of education in building peace as dynamic social reality.
- Understand and resolve conflicts within, and mediate others.
- Empower themselves and transcend barriers of identity.
- Use pedagogical skills and strategies in and out of classroom for promoting peace at school level.
- Act as agency to promote peace in the local community influencing school.

PE-6: Creating an Inclusive Education

Course Learning Outcomes:

On completion of the course, the prospective teacher learner will be able to:

- explain concerns, challenges and issues in implementation of inclusive education
- aware about controversial issues in inclusive education, including particularly marginalized groups, specific learning difficulties and the future of special schools
- aware about the legislations, policies and schemes for inclusive educations.
- develop critical understanding of the recommendations of various commissions, policies, schemes and committees towards teacher preparation in inclusive education.
- identify, analyse and utilize various techniques and methods required for development of practical skills among learners
- perform how to seek parental, community and NGOs support for utilizing available resources for education in inclusive settings.

- discuss the nature of difficulties encounter and prepare conducive teaching learning environment in inclusive schools.
- apply assistive devices and strategies for meeting diverse needs
- promote a positive attitude and sense of commitment towards actualizing the right to education for all learners
- develop an understanding of evaluation and alternative assessment

CPS-1: Language Across the Curriculum

Course Learning Outcomes:

On completion of this course, the learner shall:

- Examine the ways in which language is being used across the curriculum.
- Identify the language backgrounds of students and facilitate their movement from home / regional language to standard language.
- Built the critical understanding of multilingualism.
- Analyse the nature of classroom discourse and devise strategies to improve communication skills of students.
- Develop the appropriate skills of reading and writing among the learners and facilitate reading writing connection

ECP-1: Reading and Reflecting on Text

Course Learning Outcomes:

On completion of this course, the learner shall:

- develop taste for reading among learners.
- develop the appropriate skills of reading and writing among the learners and facilitate reading writing connection.
- understand the processes of reading extended text in the multiple subjects including literature.
- enable learners to read for comprehending ideas, reflect and think on different type of texts
- facilitate self-learning, reflection and ability to express amongst learners.

ECP-2: Art in Education

सीखने के प्रतिफल

इस कोर्स के पूरा होने पर, शिक्षार्थी

- अध्ययन अध्यापन प्रक्रिया को कला के माध्यम से रोचक बनाएंगे।
- शिक्षण अधिगम के दौरान आसपास के माहौल, विद्यालय, घर, समुदाय को स्वच्छ एवं सुंदर रखने हेतु कलात्मक कार्य की प्रेरणा प्राप्त करेंगे।
- सीखने सिखाने हेतु सौंदर्य, संवेदना, एवं कल्पनाशीलता की सोच विकसित करेंगे।
- कलात्मक दृष्टिकोण एवं सांस्कृतिक घटकों की समझेंगे।
- प्राकृतिक परिवेश पर्यावरण और गणित जैसे विषयों को विभिन्न कलाओं के माध्यम से सीखने के अवसर प्राप्त करेंगे।
- अध्ययन प्रक्रिया में कलाओं को जोड़कर कार्य अनुभव प्राप्त करेंगे।
- कलात्मक दृष्टिकोण एवं सांस्कृतिक घटकों की समझेंगे।
- प्राकृतिक परिवेश पर्यावरण और गणित जैसे विषयों को विभिन्न कलाओं के माध्यम से सीखेंगे
- अध्ययन प्रक्रिया में कलाओं को जोड़कर कार्य अनुभव प्राप्त करेंगे।
- सृजनात्मकता एवं सौंदर्य बोध की आविष्कार से नैतिक एवं राष्ट्रीय भावनाओं का विकास करेंगे।
- चित्रकलायें, गायन एवं शिल्प स्थापत्य एवं अन्य दृश्य श्रव्य कलाओं को टेक्नोलॉजी के माध्यम से समझेंगे और नवाचार सीखेंगे।
- विभिन्न कलाकारों और उनके जीवन को जानेंगे।

ECP-4: Understanding the Self

Course Learning Outcomes:

On completion of this course, the learner shall:

- The meaning of self and its different aspects will be appreciated.
- The factors influencing developing of self will be enlisted.
- Appreciate the importance of understanding the self to exercise their professionalism.

- State the role of motivation and emotional maturity in developing self.
- The strategies for improving the self will be used.

PE-7: Environmental Education

Course Learning Outcomes:

On completion of this course, the learner shall:

- Provide an understanding to the students about basic aspects of the environment and its concerns.
- Awareness about the social issues of the environment.
- Enable the students to analyse, evaluate and draw inferences about problems and concerns related to environment.
- Create awareness about the legal framework for protection of environment and wild life

PE-8: Education for Peace

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- explain concerns, challenges and issues in implementation of peace education
- aware about the approaches to education for peace
- explore skills of giving emotional support for peace, promoting dialogue and decision making
- aware about the policies and schemes for peace education

CPS-4: Assessment for Learning

Course Learning Outcome

On completion of this course students will be able to:

- learn the concept and principles of curriculum.
- make the distinction between curriculum and syllabus.
- learn the bases and determinants of curriculum studies.
- gain insight into the development of curriculum.
- appreciate the need for continuous and comprehensive reconstruction.
- learn to implement and evaluation of curriculum.

B.Ed.M.Ed. 3 Year Integrated Programme

Programme Learning Outcomes:

The outcomes of the programme are to:

- Develop perspectives among learners towards child's learning and future societies
- Provide philosophical, sociological and psychological insights into education
- Reflect on the past and plan for the future demands of global society
- Develop skill of curriculum transaction in context of constructivist pedagogy in the era of inclusiveness
- Integrate ICT and e-learning with classroom learning
- Cherish and practice the values enshrined in the constitution of India, like equality, liberty etc
- Uphold the professional ethics of teacher and its accountability
- Train in school leadership
- Develop awareness and attitudes regarding cross-curricular concerns

SEMESTER-I

PC-1: Education, Society and Culture

Course Learning Outcomes:

On completion of this course the learner shall:

- clarify the meaning and origin of society and social diversities.
- state the dynamics of the social processes with examples drawn from indian contexts.
- explain the functions of culture in the transformation and development in the context of cultural diversities existing in indian societies.
- delineate the role of education in the processes of enculturation and acculturation.
- state the role of education in addressing the issues of inequality and different forms of disadvantages among learners.
- recognize the role of education in meeting the emerging social challenges.

PC-II: Childhood and Growing Up

Course Learning Outcomes:

On completion of this course the learner shall:

- understand concept of growth and development, factors influence development and individual difference in individuals
- develop understanding of the role of socio-cultural context in shaping human development, especially with respect to the Indian context.
- develop theoretical perspectives and understanding of dimensions and stages of human development and developmental tasks.
- develop understanding on stages and dimensions of development, views of Erickson, Piaget and Vygotsky on development
- conceptualise nature of memory, transfer of learning, motivation and creativity and process of its development during growing up
- understand nature of adolescence and life skills education and role of teacher counselor and parents in dealing with adolescence problems.
- understand the nature of child abuse, substance abuse, peer pressure and its bearing on childhood and adolescence.

PPP: Pedagogical Processes across the curriculum

Course Learning Outcomes:

On completion of the course, the learners will be able to:

- recognize the need and importance of cross curricular pedagogies
- identify stage specific cross curricular pedagogies
- use emerging approaches of teaching learning
- employ the pedagogical and assessment strategies
- specify different aspect of quality learning and factors affecting quality of learning
- understand the processes of classroom management for promoting effective learning

School Exposure- I

Course Learning Outcomes:

On completion of this course, the learners shall:

- acquaint him/her with the kinds of infrastructure and facilities available in the schools and classrooms in respect of their requirement and proper utility.
- observe daily activities of the schools (curricular, other curricular and management etc.)
- acquire familiarity with the curricular provisions for the different grades
- experience classroom teaching learning processes, pedagogy interventions, day to day school administration / management and school community interface and collaborative practices
- understand the roles and responsibilities of the teachers for curricular, other curricular, co-curricular and administration related activities
- interact with students, teachers, and SMC/SMDC members and other stakeholders and understand their roles in school activities.
- develop comprehensive idea of the structure and functions of a school and realized the uniqueness of the culture of each school

SSC-I: School Education: System, Structure and Function

Course Learning Outcomes:

On completion of this course, the learner shall:

- develop a global view of the school education system and its symbiotic relationship with society.
- understand the basics of the school education system its types along with the teacher education management system.
- provide a discussion of the evolution of the school education system in India since ancient times to the present stage.
- understand of various systems involved in the development of school education
- develop critical understanding of commissions, national curriculum frameworks, policy papers and different thrust areas for school education.
- state various manifest and latent functions of school education

CPS-2 Pedagogy of Language (Hindi) – I

यह पाठ्यक्रम छात्र शिक्षकों को सक्षम करेगा:

- शिक्षा, और विद्यालयी पाठचर्या में भाषा के महत्व को रेखांकित कर सकेंगे।
- हिन्दी भाषा के संदर्भ में व्याकरण और शब्दावली की समझ एवं उपयोग कर सकेंगे।
- हिन्दी भाषा एवं साहित्य शिक्षण के उद्देश्यों की पूर्ति के लिए प्रभावी साधनों एवं समुचित विधियों का प्रयोग कर सकेंगे।
- अपेक्षित भाषा कौशलों के विकास के लिए स्वयं में भी भाषा कौशलों के विकास के लिए सतत प्रयत्नशील रहेंगे।
- हिंदी शिक्षण में दृश्य-श्रव्य सामग्री, आईसीटी और इंटरनेट से सीखने के लिए गतिविधियाँ और कार्यो को विकसित कर सकेंगे।
- शिक्षण अधिगम का समुचित मूल्यांकन कर सकेंगे ।

CPS-2 Pedagogy of Language (English)-I

Course Learning Outcomes:

On completion of this course the learner shall:

- infer the different roles of language
- use the language in context such as grammar and vocabulary
- identify methods, approaches and materials for teaching language at various levels in the Indian context
- evaluate the process of language assessment

- visualize the importance and role of languages in life.
- possess a definite understanding relating to structure and aspects of languages.
- distinguish between language learning and language acquisition and facilitate acquisition of language/s.
- examine the language policies including place and importance of language in school curriculum.
- develop expertise for facilitating the learners to gain mastery over the language skills.

CPS-2 Pedagogy of Physical Science-I

Course Learning Outcomes:

On completion of this course the learner shall:

- explain the nature of science
- explore the inter-relationship between physical science and other school subjects
- specify the aims and objectives of teaching learning physical science
- review the contribution of major scientists
- critically review various physical science curricula
- discuss various theories and approaches of learning and analyze their implications for teaching physical science
- explore various methods of teaching physical science
- prepare unit plan, lesson plans in an artistic and scientific way

CPS-3 Pedagogy of Social Science-I

Course Learning Outcomes:

On completion of this course the learner shall:

- develop an understanding of the nature of Social Sciences, both of individual discipline and as an integrated/ interdisciplinary area of study
- state the concepts of History, Geography, Political sciences and Economics included in the secondary curriculum and make pedagogical analysis of these concepts
- identify, prepare, collect different teaching-learning resource materials and use effectively in the classroom
- the prevailing pedagogical practices in classrooms to facilitate learning of social

sciences analyse and transact the Social Sciences curriculum effectively.

- develop lesson plans by integrating it with life, nature, other subjects and ICT.

CPS-3 Pedagogy of Mathematics-I

Course Learning Outcomes:

On completion of this course the learner shall:

- understand the nature scope and values of mathematics, its place in school curriculum, contributions of Indian and other mathematicians.
- state the objectives of teaching and learning mathematics at the school levels.
- develop daily plan, long-term and short-term plan for teaching-learning mathematics
- understand different approaches and methods of teaching-learning in mathematics
- develop plans along with tools and techniques for conducting continuous and assessment comprehensive of and for students leaning in mathematics.

CPS-3 Pedagogy of Biological Science-I

Course Learning Outcomes:

On the completion of the course the learner shall:

- explain the nature of biological science
- explore the inter-relationship between biological science and other school subjects
- specify the aims and objectives of teaching-learning of biological science
- identify the major turning points in the history of biology
- review the contributions of major biologist
- critically review various biological science curriculum
- discuss various theories/approaches of learning and analyze their implications for teaching biological science
- explore various methods of teaching biological science
- prepare unit plans, lesson plans for a topic in biology in an artistic and scientific way

SEMESTER- II

PC III: Learner and Learning

Course Learning Outcomes:

On completion of this course the learner shall:

- conceptualize a framework of learning in terms of diverse contexts and approaches to learning and learning environment
- reflect on the process of learning from the point of view of different theoretical perspectives and the need to adopt appropriate approach
- state the differences among the different theoretical explanations of learning and provide appropriate justifications to the present teaching-learning practices
- elaborate the cognitive processes involved in acquiring learning experiences
- explain the importance of motivation and the strategies to motivate the learners for learning
- describe different forms of learner's engagement in and out of classroom while learning
- state the characteristics of different stages of human development with emphasis on the childhood and adolescence stages period
- identify the characteristics of individual differences among the learners and adopt appropriate strategies to meet the individual learning needs
- assess the learner's progress using multiple tools and techniques on a continuous basis ensuring quality of learning at each stage of learner's growth.

PC IV: Learning and Assessment

Course Learning Outcomes:

On completion of this course the learner shall:

- understand the nature, purpose and types of educational assessment and evaluation.
- develop and use different types of tools and techniques for continuous and comprehensive assessment of learning in the school situation.
- explain the importance of assessment for learning and its processes for enhancing the quality of learning and teaching
- analyze the trends and issues in learning and learner assessment.

- analyze and interpret results of the assessment using elementary statistical methods.

RTS-3 Inclusive Schooling

Course Learning Outcomes:

On completion of the course, the prospective teacher learner will be able to:

- explain concerns, challenges and issues in implementation of IE
- aware about controversial issues in inclusive education, including particularly marginalized groups, specific learning difficulties and the future of special schools
- enhance the ability to conduct and supervise research and action research activities
- explore research skills and understanding of various methods and tools used in research in ie in order to explore these issues further
- identify, analyse and utilize various techniques and methods required for development of practical skills among learners
- apply assistive devices and strategies for meeting diverse needs
- promote a positive attitude and sense of commitment towards actualizing the right to education for all learners
- develop an understanding of evaluation and alternative assessment

RTS-4 ICT in Education

Course Learning Outcomes:

On completion of this course the learners shall:

- understand meaning, nature and evolution of information and communication technology
- demonstrate understanding of the main components of the computer hardware in use.
- use various digital technologies (hardware and software) for creating resources and providing learning experiences for all types of learners.
- use various ICTs for project based/problem based constructivist learning environment
- explain the role of ICT in authentic and alternative assessment
- understand the social, economic, and ethical issues associated with the use of ICT

School Exposure (Multicultural Placement)

Course Learning Outcomes:

On completion of this programme the learner shall:

- experience the multi-cultural dimensions in and across the different schools (government – non-government, rural – urban, tribal – non-tribal, co-education – girls, english – vernacular medium, special and inclusive, minority managed schools) in respect of availability of physical infrastructure, human resource (academic and non-academic), curriculum transaction process, teaching-learning resources.
- prepare a report on the experiences gained in the aforesaid aspects in comparative perspectives.
- envision a functional school and identify its unique cultural elements facilitating an all-round development of the learners and quality learning in terms of:
 - designing appropriate classroom arrangement
 - developing meaningful teaching-learning strategies
 - identifying effective teaching-learning resources
 - organizing other curricular and support activities
 - drawing a realistic plan and programme for institutional development
 - preparing annual calendar of activities for the institution

CPS-2 Pedagogy of Language (Hindi)-II

यह पाठ्यक्रम छात्र शिक्षकों को सक्षम करेगा:

- भाषा की विभिन्न भूमिकाओं को समझ सकेंगे
- व्याकरण और शब्दावली के संदर्भ में भाषा के उपयोग को समझ सकेंगे।
- भारतीय संदर्भ में विभिन्न स्तरों पर हिंदी को पढ़ाने के लिए विभिन्न विधियों के दृष्टिकोण और सामग्री को पहचान सकेंगे।
- शिक्षार्थियों के लिए विकासशील गतिविधियों और कार्यों में ऑडियो-वीडियो सामग्री, आई सी टी और इंटरनेट का प्रयोग कर सकेंगे।
- भाषा मूल्यांकन की प्रक्रिया को समझ सकेंगे।

CPS-2 Pedagogy of Language (English)-II

Course Learning Outcomes:

On completion of this course the learner shall:

- explain the different roles of language
- infer the use of language in context such as grammar and vocabulary
- identify methods, approaches and materials for teaching at various levels in the Indian context
- develop activities and tasks for learners including audio-video materials, ICT and internet
- justify the process of language assessment
- have a command over the various approaches, methods and techniques of teaching – learning language
- use the appropriate techniques for the learners at the preparatory and middle levels for active participation of the learners
- develop lesson plans on language skills, action song/rhymes, simple prose and poetry following 5Es approach
- devise and use various teaching-learning resources/materials for the learners
- assess the learners both during and after teaching learning using various assessment techniques and tests

CPS-2 Pedagogy of Physical Science-II

Course Learning Outcomes:

On completion of this course the learner shall

- identify the types of learning resources and materials relating to physical science
- develop of physical science laboratory in schools.
- use various assessment strategies for assessing learning outcomes of students in physical science
- explore various professional development opportunities available in india
- plan and conduct action research in physical science in secondary and senior secondary schools

CPS-3 Pedagogy of Social Science-II

Course Learning Outcomes:

On completion of this course the learner shall:

- develop skills and pedagogical competencies to formulate specific learning outcomes

for different contents of social sciences.

- become a professionally competent social science teacher
- construct appropriate tools and techniques for assessment of the students learning outcomes in social sciences
- critically analyze text book and syllabus of social science subjects at different stages of school education
- develop skills to organize and conduct various activities related to social science areas

CPS-3 Pedagogy of Mathematics-II

Course Learning Outcomes:

On completion of this course the learner shall:

- understand and adopt ways in enhancing quality of mathematics learning.
- develop competency in the use of learner friendly information and communication technologies for widening scope and enhancing quality of mathematics learning.
- acquire expertise in development, adoption and use of different types of teaching learning materials for effective mathematics learning and teaching.
- develop awareness of innovations in the teaching-learning processes of mathematics and ways to adopt those in the classroom practices.
- understand the various ways of continuing professional development as mathematics.

CPS-3 Pedagogy of Biological Science-II

Course Learning Outcomes:

On completion of this course the learner shall:

- identify the types of learning resources and materials relating to biological science
- set up a science laboratory in school, procure equipment and materials, manage activities in the laboratory
- develop and use various assessment strategies for assessing learning outcomes
- make use of various professional development opportunities
- plan and conduct action research in secondary and senior secondary classes

Psychology and ICT Practicum

Course Learning Outcomes:

On completion of this course the learner shall:

- able to select appropriate ICT tools
- able to integrate appropriate tools of ICT in Education
- identify different types of psychological testing in Education
- administer different types of psychological testing in Education
- analyze and interpret different types of psychological testing in Education

SEMESTER – III

PC-V: Introduction to study of Education

Course Learning Outcomes:

On completion of the course the learner be able to shall:

- changing meaning and nature of education,
- education as a disciplinary knowledge,
- context of education,
- alternative theories of education and
- radical educationists and their works.

PC-VI: Language Across the Curriculum

Course Learning Outcomes:

On completion of this course the learner shall

- identify the language backgrounds of students and facilitate their movement from home / regional language to standard language.
- analysis the nature of classroom discourse and devise strategies to improve communication skills of students.
- develop the appropriate skills of reading and writing among the learners and facilitate reading writing connection
- envision their role as facilitators of learners' language enrichment irrespective of the subjects they teach.

RTS-5 Self Development

Course Learning Outcomes:

On completion of this course the learner shall

- enable the students, understand that the “development of self” is a resource to exercise their professionalism,
- make them realize that one is responsible as a person and as a teacher for the integrated development of oneself and the learners: physical, cognitive, social, emotional, aesthetic, moral, and spiritual developments,
- help them develop sensitivity towards social-cultural diversities crucial in making teaching–learning environment conducive/congenial to the learner and

- demonstrate sensitivity with respect to gender biases and other social disparities in the classroom, and practice inclusiveness in the classroom. To help them in achieving mental and physical well-being.

SI-III: School Internship Programme

Course Learning Outcomes:

After completion of the internship, the learner shall:

- Develop professional capabilities and sensibilities as an effective teacher and maintain sustained engagement with learners and teachers of schools.
- Acquire required skills and competencies to cater to diverse needs of the learners in schools
- Apply the theoretical understanding developed through various perspective and pedagogic courses in the actual classroom practices for enhancing quality of teaching and learning.
- Internalize the role of a teacher and a teacher-educator – as a facilitator of learning, classroom manager, resource mobilizer and manager, innovator, evaluator of learner performance, planner and organizer of other curricular activities, mentor and counselor for children and practicing teachers, developer and evaluator of curriculum textbooks and other TLMs etc.

SEMESTER- IV

PC-VIII: Curriculum Studies

Course Learning Outcomes:

On completion of this course the learner shall:

- understand the bases and components of the curriculum and the theories of curriculum development.
- analyse the concern and issues of curriculum development
- distinguish the different approaches to curriculum development.
- explain the various models of curriculum.
- understand the integrated and interdisciplinary nature of learning experiences.

PC-II: Philosophical Perspectives of Education

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- insights into nature and purpose of philosophy of education
- critical understanding about the relationship between philosophy and education
- abilities to identify processes, and sources of knowing in different contexts and different subject knowledge
- the ability to appreciate the critical role of culture
- insight into theories of knowledge
- critical understanding of normative nature of education

RTS-I: Introduction to Research Methods

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- explain the concept, characteristics, process, perspective and types of educational research,
- classify methods educational research,
- select and formulate research problem,

- prepare a draft proposal for research problem,
- select appropriate sampling techniques,
- describe different tools and techniques of collecting data and
- apply statistical techniques for data analysis

RTS-P 1: Dissertation-Development of research proposal and tool development

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- identify and formulate research problem.
- explore and appropriate sampling techniques
- describe different tools and techniques of collecting data
- prepare a draft of proposal for research problem

RTS-P 2: Research Seminar

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- present the draft of proposal for research problem
- critically analyse, discuss and debate the research proposal

RTS-P3 Communication and Expository/Academic/Professional Writing

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- facilitate learners to understand different types of writing and writing styles,
- enable the learners to write reports,
- engage learners with journalistic writing,
- develop creative writing skills amongst learners and
- enable learners to handle professional writing.

Interaction with Community and Discourse with other Related Agencies

Course Learning Outcomes:

After the completion of this course, the learner shall:

- acquaint himself/herself with the factors working within the society, community i.e. knowledge of social realities that have bearing on school and education.
- arouse his/her interest in the processes of social and economic reconstruction of the community.
- develop awareness on the educational and social issues and needs of the community
- identify and plan for using community resources, both material and human, for enriching the quality of school education
- gather intimate knowledge of the structure and functioning of the institutions/organizations and their sphere of activity.
- explore the scope of collaboration of local institutions/organizations with the developmental and academic activities (both curricular and other curricular activities of the schools.
- develop a tentative plan of action with the local institutions/agencies/social groups for their collaboration with school activities

SEMESTER- V

PC-IX: Historical, Political and Economic Perspective of Education

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- develop perspective on the origin and nature of Institutionalized Education
- appreciate the relationship between education and political economy
- review and interpret education from political economy perspective
- provide opportunity to develop critical understanding about the politic-economic basis of emerging education
- analyze the intellectual property rights of national and international organization
- provide opportunity to develop consciousness and sensitivity among learners towards preservation of indigenous knowledge systems

RTS-2 Advanced Research Method

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- identify a topic of qualitative research
- select an appropriate design with respect to identified research problem
- analyze qualitative data in educational research
- develop and standardize a research tool
- testing of hypotheses by using different inferential techniques
- develop a research report, abstracts and research paper

RTS-P 1: Dissertation-2: Data collection and Analysis and interpretation

Course Learning Outcomes:

On completion of this programme the learner shall:

- identify and describe major categories of data collection techniques in educational research

- describe the types of evidence used to determine the validity and reliability of inferences drawn from data.
- using diverse analytical methods to review data and arrive at relevant conclusions
- categorize, manipulate, and summarize the information in order to answer critical questions.

TEC-Pr: Attachment with Teacher Education Institutions

Course Learning Outcomes:

On completion of this programme the learner shall:

- understand his/her roles as teacher-educator, after observing and analyzing the activities of the teacher-educators in the teacher education institutions (elementary and secondary)
- involve himself /herself actively in various activities and processes of a teacher education institution and perform multiple roles of a teacher-educator.
- transact the teacher education curriculum and organize related activities effectively.
- experience continuing professional development programme after assessing the needs of the in-service teacher.

TSC-Theme-1-Paper-1: Educational Management and Adminstarion

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- explain about developmental process of educational administration and management.
- discuss perspective and structure of educational management
- identify the dynamics of educational management and trends in educational administration in India
- Critically examine the present administrative/managerial practice and the issues related.
- analyze the challenges and opportunities emerging in the management.

TSC-Theme-2- Paper-1: Educational Policy

Course Learning Outcomes:

On completion of this course the learner shall

- explain the importance of developing a policy in education
- relate the policy with the existing education scenario.
- appreciate the roles of various bodies in structuring educational policy.
- critically look into the educational policies in India.
- address positively the policy challenges in Education.

TSC-Theme-3- Paper-1: Foundation for education Technology

Course Learning Outcomes:

On completion of this course the learner shall:

- differentiate various terminologies associated with educational technology
- appreciate the emergence and evolution of various educational media
- explain various approaches to educational technology
- describe the integration of technology for pedagogy, assessment, administration and Continuing Professional Development (CPD)
- analyse and apply principles and practices associated with technology enhanced learning
- critically evaluate ICT related policies and plans
- assess various problems and issues related to information and communication technologies and its integration in education

TSC-Theme-4- Paper-1: Environmental education and Awareness

Course Learning Outcomes:

On completion of this course the learner shall

- understand the concept of environment and ecology, environmental education and its importance
- understand the status of environmental education in school curriculum
- understand the curriculum and methods in environmental education
- acquire knowledge about the different methods of teaching in environmental education
- undertake research in the field of environmental education

TSC-Theme-5- Paper-1: Guidance and Counselling in Schools

Course Learning Outcomes:

On completion of this course learners will be able to:

- understand the meaning, nature and scope of guidance
- appreciate the need for guidance
- develop acquaintance with different techniques of group guidance
- recognize the role of guidance in attaining the goals of education
- understand the essential services involved in the guidance program
- understand the resources required and their optimum use in managing a school guidance program
- aware of the constitution, role and function of the school guidance committee

TSC-Theme-6- Paper-1: Pre-School education

Course Learning Outcomes:

On the completion of the course, the learners will be able to:

- understand the need and significance of foundation stage education
- understand the policy perspective on the foundation stage education in india and world
- appreciate the co-existence of plurality and diversity of childhood in contemporary indian society
- understand the linkage between foundation stage and primary education.
- critically examine the contribution of educationists on foundation stage education
- reflect on the strategies of assessment of children at foundation stage
- develop strategies for developmentally appropriate practices.

SEMESTER- VI

PC-X: Contemporary Concerns in Education

Course Learning Outcomes:

On completion of this course, the learner shall

- realise the concerns and challenges in contemporary school education in india.
- develop insight into the areas of concern in right based education.
- understand the problems in conceptualising and ensuring quality education.
- acquire a comprehensive vision of global concerns in the different areas of the current educational scenario.

RTS-P 1: Dissertation (Report Preparation and Submission)

TEC-2: Issues and Research in Teacher Education

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- describe the perspectives of teacher education
- classify the structure and management of teacher education
- explain the quality assurance in teacher education
- review researches in teacher education
- identify problems and issues in teacher education

TSC-Theme-1-Paper-2: Educational Leadership

Course Learning Outcomes:

On completion of the course, the learner will be able to:

- define the nature of leadership and approaches
- describe the dimensions of leadership
- explain the concept of educational supervision
- identify Criteria for conducting school appraisal

- implementing the Supervisory Programme and Quality Management

TSC-Theme-2- Paper-2: Educational Planning

Course Learning Outcomes:

On completion of this course learner shall:

- to acquaint the teacher-educators with the concepts, nature, principles, procedures and approaches of educational planning.
- to keep them precisely informed about the educational planning in india.
- to develop the skills in planning and using a variety of administrative strategies.
- to understand kinds and organisation of planning
- to understand the critical process of macro-planning and micro-planning and management techniques.
- to explain the role and contribution of different agencies in educational planning.
- to plan for an organisation using different principles and models

TSC-Theme-3- Paper-2: E-content Designe and E-Learning

Course Learning Outcomes:

On completion of this course the learner shall:

- examine the relationships between learning theories and digital technologies
- explain the principles of instructional design and identify the salient features of different instructional design models
- explain the process involved in designing and developing e-content for digital learning
- systematically design and critically evaluate a digital learning resources on a topic of their choice
- use different online and offline tools for creating e-content
- explore and evaluate various digital resources for enhancing learning
- learn to analyze learning situations and identify associated technology-related design challenges.
- develop skills in the design of educational media, and the integration of design thinking with scholarship in education.

TSC-Theme-4- Paper-2: Issues and Concerns in Environmental Education

Course Learning Outcomes:

On the completion of the course, the learner will be able to:

- understand the causes for environmental hazards and pollution
- understand the causes for environmental degradation
- understand the need for remedial ways to protect the environment in daily life and its application
- acquire knowledge of environmental issues and policies in india
- acquire knowledge about the international efforts for environmental protection.

TSC-Theme-5- Paper-2: Counselling Process and strategies

Course Learning Outcomes:

On completion of this course the learner shall

- understand the meaning, nature and scope of counselling,
- appreciate the need for and goals of counselling
- analyze the relationship between guidance and counselling,
- understand the concept and process of counselling in group situation,
- recognize the different areas of counselling,
- understand the various stages involved in the process of counselling,
- become acquainted with the skills and qualities of an effective counselor.
- use the various approaches and techniques of counselling

TSC-Theme-6- Paper-2: Pre-school teacher education and research

Course Learning Outcomes:

On completion of this course the learner shall:

- understand different pre-school Stage teacher education programmes of the country
- reflect on the specifications of ECE/ pre-school Stage Centres
- understand the role of ICT in preschool education and teacher education
- appreciate the pre-school Stage and community coordination
- reflect on the research trends in the area of pre-schools tage education

- identify priorities in research in the area of pre-school stage education.

M.Ed. 2 Year Programme

Programme Learning Outcomes

After Completion of two year M.Ed. Programme the learner will be able to:

- Develop teaching Competency and Observational Skills to learn teaching Competencies and to provide appropriate feedback during block teaching practice for pupil teacher (B.Ed.)
- The Course focuses how to face the life challenges and to solve different classroom as well as job problems successfully.
- Enable Leadership and management Skill among research scholars to deal effectively with their environment.
- Understand different research methods, equipping Scholars with relevant tools, techniques, familiarizing data collection, analysis by using statistical measures use of conceptual understanding in practical research work and writing a research report.
- Enhance the analytical and interpretation skills and to trained scholars in using statistical measures and, Software (SPSS) (MS Excel) etc.
- Attain higher knowledge and depth understanding about the subjects and emerging issues.
- Understand Social norms, Values, Cultures and educate the students according to the changing needs of the society and maintain ideal relationship between school and society through extension activities.
- Understand the use of technology to make teaching learning more effective and to familiarize about different apps, websites etc.

SEMESTER –I

PC-1 Introduction to Education studies

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- describe the changing meaning and nature of education
- comprehend the education as a disciplinary knowledge
- analyse the context of education
- appreciate and try to apply the alternative theories of education and
- critically analyse the radical educationists and their works

PC-2 Curriculum Studies

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- understanding curriculum theory and its practical application in educational settings.
- analyzing and evaluating curriculum designs and models, and selecting appropriate strategies for designing effective curricula.
- developing and implementing effective instructional strategies and learning activities that align with course objectives and student needs.
- demonstrating an understanding of the historical, cultural, and societal contexts that shape educational curricula.
- critically evaluating the impact of technological advancements on the design and delivery of curricula.
- engaging in reflective practice and utilizing evidence-based approaches to improve curricula and student learning outcomes.
- developing skills in collaboration, communication, and leadership to effectively lead and work with educational teams to develop and implement curricula.
- demonstrating an understanding of the ethical and professional responsibilities associated with curriculum development and implementation.
- utilizing data and assessment strategies to monitor and evaluate the effectiveness of curricula and modify as necessary.
- developing and implementing effective strategies for engaging and supporting diverse

learners in the learning process.

PC-3 Psychology of Learning and Development

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- describe multiple dimensions of learner's development and its implications for learning.
- reflect on the process of learning from the point of view of different theoretical perspectives and the need to adopt appropriate approach.
- understand the learners in terms of diversities and its implications on learning.
- learn the factors affecting learner's environment and assessment.
- discuss the strategies for effective management of learning.
- conceptualize a framework for understanding and evaluating teaching, learning situation and.
- conceptualize the needs of the learners and the process of learning.

TEC -1 Teacher education-1

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Develop an understanding of the nature and significance of teaching as a profession, and reflect on its status and role in society.
- Analyze the goals, objectives, and outcomes of teacher education, and examine its contribution to the development of effective teaching practices.
- Discuss the historical evolution and current state of teacher education in the country, and evaluate its impact on the quality of education.
- Critically assess the effectiveness and relevance of the current teacher education curriculum in preparing teachers for the changing needs of students and society.
- Engage in reflection on various issues and challenges related to teacher education, including teacher quality, diversity, equity, and inclusion.
- Develop a deep understanding of the principles and practices of effective teaching and learning, and apply them to real-world classroom situations.

- Identify and utilize various resources, tools, and technologies to enhance teaching and learning, and create innovative and engaging learning experiences for students.
- Demonstrate effective communication, collaboration, and leadership skills in working with students, colleagues, and other stakeholders to improve educational outcomes.

TC-1 Introduction to Education research

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- understand the concept characteristics, process perspectives and types of educational research
- identify and formulate research problem
- explain different classification of educational research
- use descriptive statistics for data analysis
- select appropriate sampling techniques
- describe different tools proposal for a research proposal for a research problem

TC-2 Self development

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- developing an understanding of one's own personality, strengths, weaknesses, and values.
- understanding the importance of setting goals and creating action plans to achieve personal and professional success.
- developing self-awareness and mindfulness practices to improve emotional intelligence and manage stress.
- developing effective communication and interpersonal skills to build positive relationships with others.
- understanding the impact of cultural, social, and environmental factors on personal growth and development.
- developing problem-solving and critical thinking skills to navigate challenges and make informed decisions.
- developing effective time-management and organization skills to increase

productivity and achieve goals.

- developing an understanding of the importance of lifelong learning and continuing personal and professional development.
- engaging in reflective practice and utilizing feedback to continuously improve one's skills and abilities.
- demonstrating ethical and responsible decision-making in personal and professional settings.

TC-3 Communication Skill and Expository Writing

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- facilitate learners to understand different types of writing and writing styles,
- enable the learners to write reports,
- engage learners with journalistic writing,
- develop creative writing skills amongst learners and
- enable learners to handle professional writing.
-

SEMESTER –II

PC-4 Sociology of Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- nature and scope of sociology of education;
- analyze interpret and synthesize the various concepts and sociological principles related to educational phenomena,
- educational institution as an agency of socialization apply the knowledge of sociology in analysis of present day education system,
- analyze the relationship of education with culture, social stratification and social mobility,
- reflect educational issues that relate to education system, changes occurring in framework of education and their factors, the need to have a critical understanding of education and society,
- analyze education from different sociological perspective and theoretical frameworks and review the seminal works in sociology of education

TC-4 Advanced Educational research

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Understanding of advance research methodologies such as mixed-methods, meta-analysis, case studies and quasi-experimental designs to investigate educational phenomena
- critically evaluate the research literature including identifying strengths and weaknesses of research designs, assessing the validity and reliability of research finding and identifying gaps in the literature
- conduct independent research studies, including identifying research questions, developing hypotheses, collection and analysing data and interpreting research findings
- to understand and apply ethical considerations in research including informed consent, privacy, confidentiality and minimizing harm to participants

- apply research findings to practice including developing evidence-based interventions, programs and policies

CCS-1 Elementary/Secondary Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- developing a philosophical, sociological, and psychological perspective on secondary education.
- developing a critical understanding of the current status of secondary education in India, including its challenges and opportunities.
- understand the policy perspective in the decentralization of administration and management of secondary education, and its impact on the quality of education.
- develop a perspective of inclusive education, including an understanding of the needs of diverse learners and strategies to create a more inclusive learning environment.
- understand the organizational structure and functions of institutions of secondary education, including their roles in shaping educational policies and practices.

TS- Thematic Specialization

TS-1.1 Educational Management, Administration and Leadership

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- explain about developmental process of educational administration and management.
- discuss perspective and structure of educational management
- identify the dynamics of educational management and trends in educational administration in India
- critically examine the present administrative/managerial practice and the issues related.
- analyze the challenges and opportunities emerging in the management.
- develop understanding about developmental process of educational administration and management.
- understand the basic concepts and process of educational administration and

management.

- develop an understanding about the role of different agencies in educational administration and management.
- become conversant with the different sub-structures operating within the educational system and their interrelationships.
- develop understanding of trends in educational administration in India
- critically examine the present administrative/managerial practice and the issues related.
- acquaint the learner with the challenges and opportunities emerging in the management.
- develop competencies to use concept of management in areas of educational system

TS-2.1 Curriculum theory planning and development

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- understand the meaning, nature and types of curriculum
- state the characteristics of various approaches to curriculum
- conceptualize the meaning, nature and types of curriculum theory
- describe various bases of curriculum
- state the principles behind different models of curriculum planning
- identify the factors affecting curriculum planning
- describe the role of different state and national level agencies in curriculum planning and development
- describe the development process and thrusts of different national curriculum frameworks for school education

TS-3.1 Foundation of Educational technology

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- understand the nature and scope of educational technology and various forms of technology

- understand the systems approach to education and communication theories and modes of communication
- know the instructional design and modes of development of self-learning material
- develop the ability for critical appraisal of the audio-visual media
- develop basic skills in the production of different types of instructional material
- know the recent innovations and future perspectives of education technology
- understand the role of multimedia in education and its production process
- Appreciate the role of internet as a learning resource
- differentiate various terminologies associated with educational technology
- appreciate the emergence and evolution of various educational media
- explain various approaches to educational technology
- describe the integration of technology for pedagogy, assessment, administration and Continuing Professional Development (CPD)
- analyse and apply principles and practices associated with technology enhanced learning
- critically evaluate ICT related policies and plans
- assess various problems and issues related to information and communication technologies and its integration in education

TS-4.1 Understanding and Development of inclusive Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- can demonstrate and describe how have they understood the meaning of Inclusive Education and its different perspectives.
- can identify situations in which Inclusive Education related Policies, Schemes and Acts and further recommendations of various Committees and Commission be applied and further to describe the proper actions to take in response to them.
- are able to create conducive Inclusive Educational Environment at work place as a Teacher/Teacher Education.
- can plan to seek support of parents, community, and NGOs in effective implementation of Inclusive Education Programme in schools.

TS-5.1 Guidance and Counselling in School

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- describe the meaning, nature and scope of guidance and counselling
- appreciate the need for guidance and counselling in school
- develop acquaintance with different techniques of group guidance
- recognize the role of guidance in attaining the goals of education
- understand the essential services involved in the guidance programme and carry out different guidance and counselling activities
- develop awareness of the constitution of the school guidance committee, its roles and functions
- understand the meaning, nature, goals, areas and scope of counselling
- understanding the concept and process of counselling in group situation
- become acquainted with the skills of an effective counselor and various approaches and techniques of counselling

TE- Internship in Teacher Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Applying theoretical knowledge to real-world teaching scenarios.
- Developing practical skills in classroom management and instruction.
- Developing effective communication and interpersonal skills with students, colleagues, and parents.
- Demonstrating an understanding of educational policies, procedures, and regulations.
- Engaging in reflective practice and utilizing feedback to improve teaching skills and practices.
- Developing effective assessment strategies to evaluate student learning and progress.
- Utilizing technology to enhance teaching and learning experiences.
- Demonstrating professionalism and ethical behavior in all aspects of the teaching profession.
- Developing skills in collaboration and teamwork with other teachers and school

personnel.

- Understanding the role of teachers in promoting student achievement, diversity, and inclusion in the classroom.

Dissertation (Planning)

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Develop skills of literature review and develop and analytical skills.
- Write a detailed research proposal.

SEMESTER –III

PC-5 Philosophy of Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- insights into nature and purpose of philosophy of education
- critical understanding about the relationship between philosophy and education
- identify processes, and sources of knowing in different contexts and different subject knowledge
- appreciate the critical role of culture and insight into theories of knowledge
- critical understanding of normative nature of education
- equip with theoretical tools to analyze emerging concerns in education

TEC2- Teacher Education-II

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- analyze current research and trends in teacher education, including the impact of teacher preparation programs and professional development on student outcomes.
- critically evaluate the challenges and issues facing teacher education, such as teacher shortages, teacher quality, and diversity in the teaching workforce.
- develop skills in conducting and interpreting educational research, including designing studies, collecting and analyzing data, and drawing valid conclusions.
- identify effective pedagogical practices and instructional strategies for preparing and supporting teachers in diverse educational contexts.
- engage in reflective practice and ongoing professional development to continuously improve teaching and learning outcomes.
- collaborate with colleagues, stakeholders, and community partners to develop innovative approaches to teacher education and address systemic issues facing education.
- understand the ethical and legal responsibilities of teachers, including those related to academic integrity, student privacy, and professional conduct.

TS- Thematic Specialization -II

TS-1.2 Educational Planning

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- State various approaches to educational Planning
- List the factors influencing educational planning
- Formulate educational Plan
- Participate in Educational Planning Process
- Describe the role of various agencies involved in Educational Planning in India

TS-2.2 Learning and Pedagogy of School Subjects

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- State the meaning, nature and interrelationships among learning, knowledge and pedagogy
- Explain the meaning, characteristics and use of various pedagogical approaches
- Use the popular models of teaching in designing and transacting lessons
- Prepare lesson plans on their subjects using ICON design and SE models
- Prepare lesson plans on their subjects integrating pedagogy, technology and contents
- Prepare Unit plans on their subjects

TS-3.2 ICT in Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Distinguish between related hardware and software and their uses in educational context
- Know about ICT in general and ICT in education in particular
- Appreciate need, issues and challenges related to ICT in education
- Understand the role of ICT in education in decision making

- Understand the issues related to integration of technology in Inclusive Education
- Know about assistive technology and its worldwide uses in Inclusive Education

TS-4.2 Addressing the diverse need in inclusive setting

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- can examine and discuss about diversity in relation to Inclusion in the classroom/school,
- can understand their role and responsibility in promoting Inclusive Education related practices in Schools,
- can compare and contrast educational needs of students from different socially disadvantaged backgrounds.
- can design a plan using UDL,
- have understood about the creativity and giftedness and can use strategies how to nurture creativity and giftedness in classroom as teacher/teacher educators.

TS-5.2 Assessment and Appraisals in Guidance and Counselling

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- describe the nature, process, underlying assumptions and principles of psychological assessment and appraisal.
- describe different types of psychological assessment-qualitative and quantitative, their nature, scope and application in guidance and counselling.
- develop knowledge and understanding of the major psychological concept such as intelligence, aptitude, achievement, personality, interest and their assessment for providing guidance and counselling.
- develop skills for administering, scoring, interpreting and analyzing test results for providing guidance and counselling to students.
- use different techniques of qualitative assessment for holistic understanding of the individual learner.

ITS- Internship in Thematic Specialization

(TS-1.2/2.2/3.2/4.2/5.2)

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- be acquainted with the curriculum development process at elementary/secondary stage in a state
- involve in observing and analyzing various activities and processes of an institution/agency working on textbook preparation conducting examination at the state level.
- acquire competencies and skills required for effective transaction of curriculum and organization of component activities with respect to an innovative practice in pedagogy and assessment
- develop professional skills required for analyzing an assessment tool/practice
- be acquainted with various technologies encompassed in it at elementary/secondary stage in state
- involve in observing and analyzing various activities and processes of an institution/agency working in the field of it at the state or national level
- acquire competencies and skills required for integrating technology with curriculum and pedagogy
- develop professional skills required for analyzing such practices to technology integration
- can plan and design an educational program including, strategies, devices, and competencies required in making teaching learning process effective in an inclusive setting.
- develop sensitivity and positive attitudes, values and interests needed to function as an inclusive teacher educator
- acquire competencies and skills required for effective implementation of inclusive education
- be acquainted with the content and organization of curriculum, infrastructure and resources needed, and the issues and problems related to inclusive education
- involve in various activities and processes of inclusive education and inclusive institution, in order to gain an insight into the multiple roles of a teacher educator.
- design professional development program/activities based on the needs of teachers
- develop understanding to function as a teacher counsellor educator

- identify the school children who need guidance and counselling
- acquire competencies and skills required for effective implementation of guidance and counselling programme in school
- organise various guidance and counselling activities in school
- provide guidance and counselling to physically and intellectually challenge children

Dissertation (Execution)

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- collect the data for research.
- analyses the data and compute the result.
- develop skills of writing the data analysis and result.

SEMESTER –IV

PC-6 History and Political Economic of Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Developing perspective on the origin and nature of schooling
- Abilities to view education from political economy perspective
- Appreciate the relationship between education and political economy
- Provide opportunity to develop critical understanding about the politic-economic basis of emerging education
- Analysis the Intellectual Property Rights National and International Organization
- Provide opportunity to develop consciousness and sensitivity among learners towards preservation of indigenous knowledge systems

CCS2 Elementary/Secondary Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- Critically examine the role of different agencies in the secondary education system and their impact on educational outcomes.
- Develop a comprehensive understanding of the transition process from elementary to secondary education, as well as from secondary to higher education.
- Analyze the functioning and effectiveness of various student support services that are available in secondary education.
- Critically assess and reflect on the various issues and challenges facing secondary education today, including those related to teacher quality, curriculum design, and resource allocation.
- Gain insight into the latest research in secondary education, including trends and innovations in teaching and learning, and their impact on student achievement.

TS- Thematic Specialization -III

TS-1.3 Educational Management, Leadership and Supervision

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- develop understanding about developmental process of educational administration and management.
- understand the basic concepts and process of educational administration and management.
- develop an understanding about the role of different agencies in educational administration and management.
- become conversant with the different sub-structures operating within the educational system and their interrelationships.
- develop understanding of trends in educational administration in India
- critically examine the present administrative/managerial practice and the issues related.
- acquaint the learner with the challenges and opportunities emerging in the management.
- develop competencies to use concept of management in areas of educational system

TS-2.3 Learner's Assessment

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- differentiate between the ideas behind assessment of learning, assessment for learning, and assessment as learning;
- state the importance of assessment in student learning, and differentiate between various terms used - measurement, assessment and evaluation;
- select and use appropriate tools and techniques in assessment of student learning;
- state the pros and cons of different processes/system of assessment followed in schools, i.e. annual system, semester system. credit system; and school-based system;
- use various alternative assessment techniques such as portfolio, rubrics, reflective diary, self-evaluation, peer evaluation; and
- assess learning of children with special needs (CWSN) using alternative techniques.
- use computers in assessment of students learning
- analyse and report assessment results

TS-3.3 ICT Integration in Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- comprehend meaning and need of integration of ICT in education
- understand concept and technologies related to E-learning
- appreciate the power of different tools and software's in different school subjects
- produce educational audio and video programmes
- understand the role of ICT for Teacher, Educational Administration and Management
- know about different ICT tools and software used in assessment

TS-4.3 Concerns, challenges and issues in inclusive Education

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- have understood how to examine and relate concerns, challenges and issues while implementing inclusive education at school level.
- have understood and are able to apply/use basic practices of ICT in Inclusive settings,
- are able to operate and use assistive devices for meeting diverse needs of students in an Inclusive setting,
- will be in position to plan and design a Research Proposal and its execution in an Inclusive setting utilizing most appropriate methodology of research.
- can develop understanding about evaluation and utilizes alternative assessment tools and techniques of Inclusive settings.
- can identify and remove the barriers for effective leaning in Inclusive

TS-5.3 Career development

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- understand the concept and theories of career development and their importance in understanding career behavior of students,
- understand the concept of career pattern in relation to life stages,
- develop insight into the complexities involved in choice of career in view of clients'

personal characteristics and available outside opportunities,

- analyze development of students in the process of career development to identify a typical development pattern in a particular socio-cultural context.
- adopt career theories in understanding career behavior of students in career counselling situations,
- acquire knowledge and skills of collecting, compiling and disseminating career information,
- identify the sources of career information and variety of forms of career information available from different sources with its merits and limitations and ability to examine and appraise the information for use.

TC5- Academic Writing

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- facilitate learners to understand different types of writing and writing styles.
- enable the learners to write reports
- engage learners with journalistic writing.
- develop creative writing skills amongst learners.
- enable learners to handle professional writing.

Dissertation (Reporting)

Course Learning Outcomes:

On completion of the course, the teacher educators will be able to:

- conduct research, and write a dissertation report
- analyse the relationships between education theory and research.