

**MOUNT CARMEL COLLEGE OF
TEACHER EDUCATION FOR WOMEN,
KOTTAYAM**

Programme Outcomes & Course Outcomes

Programme Outcomes (POs)

On completion of the course, student teachers would be able to

- Visualize the challenges in the present educational scenario and apply knowledge and skills to cope up with educational issues.
- Recognize the need to adhere to constitutional values and national goals and to perform accordingly.
- Anticipate the relevance of professional preparation by attending Internship programmes, visiting state institutions involved in curriculum development and undertaking teacher training endeavours.
- Design institutional goals in their own workplaces to ensure the empowerment of the marginalized people in society especially women and children.
- Articulate the need for humanizing the community by practising basic human values and sensitivity to societal issues
- Predict integral growth through the development of professional skills, communicative competence, critical thinking and problem-solving skills.
Practice interpersonal skills and adopt good leadership behavior for empowerment of self and others by organizing and participating in professional activities
- 8. Describe the transformation as social engineers and agents of community development by organizing activities for the disadvantaged.
- Justify the relevance of using academic knowledge and ICT enabled teaching technologies to pursue a successful teaching career.
- Experiment with diversified tools and technologies of communication to serve the professional purpose and standards expected in the classroom situation to a broader zone of educational activities.
- Differentiate between the various basic human and child rights and the need to disseminate the knowledge and skills to marginalized persons in the community
- Schedule a value system based on the cultural, social, political and moral bases of Indian society and apply the ideas for the enhancement of educational quality
- Identify and solve the prevailing social and environmental issues by making use of critical, constructive and creative thought processes.
- Construct a curricular framework which will stress on elements of human equality, liberty and fraternity and develop lifelong learning skills through the theory and practice of teacher education.
- Prioritize the various environmental issues by promoting a sense of eco – justice and act as guides and supervisors in remedial classes and field activities.
- Collaborate with other institutions and promote research-mindedness by organizing seminars, workshops and conferences based on educationally relevant areas -
Creating.
- Recognize content and pedagogical knowledge in formulating effective teaching – learning practices during seminar presentations and while conducting online classes -
- Identify hidden talents and abilities so as to promote integral growth by organizing cultural programmes and extension activities in their workplaces.
- Compile career - oriented goals that will turn themselves into self-reliant individuals by seeking employment at state, national and international level
- Correlate theoretical and practical information to get a holistic understanding about the

importance of nurturing positive attitudes, skills and healthy behavior for living in the present and future.

- Administer a mode of communication that will help to disseminate information in diverse settings using online networking -
- Experiment with theoretical knowledge so as to implement educational practices in the capacities of teaching, research and extension work.
- Facilitate the need to transact soft skills and life skills and maintain healthy relationships in their personal and professional life.
- Integrate research skills which are essential to identify current educational problems and engage in action research so as to resolve them effectively.
- 25. Negotiating critical thinking skills through strategies that propagate inquiry, collaboration and active participation in the classrooms.
- Practice communicative skills while engaging in public speaking, group discussions and debates related to contemporary issues and topics of educational relevance.
- Appraise professional competence by engaging in reflective practices and self-assessment practices so as to attain quality improvement.
- Integrate assessment measures and evaluation techniques in the educational scenario by conducting tests and examinations both in offline and online mode.

B.Ed. Programme

Course Outcomes

Semester 1

EDU 101 SEM 1 CONTEMPORARY INDIA AND EDUCATION

Upon completion of the course, students will be able to:

- Analyze and understand the nature and concepts of education.
- Comprehend and critically examine the salient features of the Indian Constitution and its implication in education.
- Appreciate the educational and socio-cultural heritage of India
- Evaluate the basic issues taken up in the various education commissions, education policies and national curriculum frameworks.
- Examine the pivotal issues of contemporary Indian Education
- Analyze the different trends and initiatives in education in India.

EDU 102: CHILDHOOD AND GROWING UP

- understand the basic concepts and principles of Educational Psychology
- Understand the characteristics of human growth and development in childhood and adolescence and the developmental process of the individual in different dimensions.
- help adolescents in better adjustment and development
- understand the nature of motivation in learning as relevant to classroom management
- understand the mental processes of learners
- apply psychological principles in the teaching learning process effectively
- understand the concept of intelligence
- acquaint with various tests related to intelligence
- understand the strategies for enhancing effective memorization in children
- understand oneself and others with regard to physical, intellectual, emotional and social development

EDU 103 DEVELOPMENT AND RESOURCES IN EDUCATIONAL TECHNOLOGY

- Understand the nature , scope and various forms of educational technology.
- Acquaint with different resource centers for educational technology.
- Apply and use individualized and mass instructional strategies.
- Develop the basic skills of effective communication and classroom instruction.
- Comprehend the principles and approaches in instructional technology.
- Acquaint in the use of ICT in education.

104.11- Understanding the discipline of English education

- To recognize the relevance of English language learning and teaching.
- To anticipate authentic classroom practices based on theoretical matter.
- To deduce ways to promote self-study among the student teachers.
- To administer an integrated approach to develop the four-fold language skills.

105.11- Learning to function as an English teacher

- To discover the relevance of various approaches in promoting language learning.
- To choose various strategies which will help to develop the target language.
- To use language when explaining, instructing and prompting while interacting with learners.
- To create a positive learning environment by involving all the learners.

EDU 104.16: UNDERSTANDING THE DISCIPLINE OF MATHEMATICS EDUCATION

Objectives

On the completion of this course, the prospective teachers would be able to:

- Inquire into the contribution of eminent Mathematicians
- Appreciate the significance of Mathematics as a Discipline.
- Get a perspective on scope of Mathematics
- Make sense of the aims, objectives and skills of teaching Mathematics
- Internalize the values of teaching mathematics.
- Gain an insight of the Interdisciplinary nature of Mathematics
- Endow with the significance of Taxonomy of instructional objectives of teaching Mathematics.

EDU 105.16: LEARNING TO FUNCTION AS MATHEMATICS TEACHER

On the completion of this course, the prospective teachers would be able to:

- Explore the distributive features of varied instructional approaches, techniques and methods of teaching Mathematics.
- Equip with innovative strategies of Mathematics Teaching.
- Entwin models of differentiated teaching in effectual instructional practices of Mathematics education.
- Fine-tune themselves as an innovative pedagogic practitioner.

EDU 104 .17: Understanding the Discipline of Physical Science Education

On completion of the course, student teachers would be able to

- acquaint with the history of Science as a discipline
- inquire into the contribution of eminent Scientists
- appreciate the conception and significance of Science as a discipline
- discover the nature of Science
- get a perspective on scope of Science
- make sense of the, aims, objectives and skills of teaching Physical Science in order to adopt a holistic approach at Primary, Secondary and Higher Secondary levels.

- internalize the values of teaching Physical Science
- gain an insight of the interdisciplinary nature of Physical Science and correlate it with life and other disciplines.
- appraise the anticipated outcomes of teaching Physical Science
- endow the significance of taxonomy of educational objectives of teaching Physical Science
- compare the different taxonomies of educational objectives

EDU 105.17: Learning to Function as Physical Science Teacher

On completion of the course, the prospective teachers would be able to

- explore the distinctive features of varied instructional approaches, techniques and methods of teaching Physical Science
- enumerate the significance of Scientific method in Physical Science teaching
- proficient in various innovative strategies of Physical Science teaching
- associate strategies for differentiated teaching in instructional practices of Physical Science education.
- tune themselves as innovative pedagogic practitioner.
- create reflective journals
- design concept maps
- handle culturally inclusive classrooms
- learn skills for effectual teaching in Physical Science
- familiarize with motivational techniques in teaching Physical Science

EDU 104 . 18: UNDERSTANDING THE DISCIPLINE OF NATURAL SCIENCE EDUCATION

On the completion of the course, the prospective teachers would be able to

- acquaint with the evolution of Natural science as a discipline
- understand the psychological bases of Natural science education
- identify the role of Natural science in the social realm
- apply the theoretical background of Natural Science in teaching
- internalise the values of teaching Natural science
- gain an insight of the interdisciplinary nature of Natural Science and Correlate it with other subjects for effective classroom teaching.
- appreciate that science is a dynamic and expanding body of knowledge

EDU 105.18 – LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER

On the completion of the course, the prospective teachers would be able to

- explore the distinctive features of various approaches, techniques, methods and

devises of teaching natural science

- critically examine teaching learning processes that incorporate inquiry, discovery, conceptual development ,activity based learning etc. within the classroom
- develop the lesson plans based on the Models of Teaching
- develop diverse processes throughout the year to ensure better motivation and learning, and help children for self assessment with insights about learning.
- understand the concept, tools and techniques of evaluation
- explore diverse methods and tools for assessing an array of learning/performance outcomes of diverse learners.

EDU 104.19: UNDERSTANDING THE DISCIPLINE OF SOCIAL SCIENCE EDUCATION

On completion of the course, the prospective teachers would be able to:

- acquaint with the history of Social Science as a discipline
- conceptualize the background of Social Science and evaluate its practicability.
- examine how the content was selected, framed in the syllabus, and how it could be transformed so that the learners construct their own knowledge through it.
- internalize the aims and objectives of teaching Social Studies/
Social Science in order to adopt a holistic approach at the Primary, Secondary and Higher Secondary levels.
- evaluate the interdisciplinary nature of Social Science and correlate it with the other subjects for effective classroom teaching.
- apply the theoretical background of Social Science to teaching.
- develop positive attitudes and proper value systems based on the Cultural, Moral, Social and Political basis of Indian society.
- Conceptualise the educational objectives of teaching Social Science

EDU 105.19: LEARNING TO FUNCTION AS SOCIAL SCIENCE TEACHER

On completion of the course, the prospective teachers would be able to:

- critically examine teaching learning processes that incorporate Inquiry, Discovery, Conceptual Development ,Activity Based and Brain Based learning within the classroom
- practice the techniques of Drama and Theatre in the process
of teaching and learning to nurture children’s creativity and aesthetic sensibilities
- explore the instructional options available to support learning.
- train essential micro teaching skill for effective teaching
- relate the understanding of the concepts acquired, with what children bring to the classroom from their environment and experience, given their diverse backgrounds and interests.

- develop diverse processes throughout the year to ensure better motivation and learning, and help children for self assessment with insights about learning.

ELECTIVE: EDU 106.11 HEALTH AND PHYSICAL EDUCATION

On completion of the course, the prospective teachers would be able to:

- develop positive attitude towards health
- gain knowledge about various hypo-kinetic and communicative diseases and its prevention
- acquire knowledge about nutrition, energy requirement and expenditure
- understand the practice of Yogic Asanas and its importance towards health
- organize and assist in the conduct of sports and games
- develop awareness about physical fitness
- develop leadership qualities and civics responsibility

EDU 106.12 GUIDANCE AND COUNSELING

Upon completion of the course, students will be able to:

- Comprehend the need and significance of guidance and counseling. Develop the skills and qualities of a counsellor
- Acquaint with the process of counseling.
- Understand the needs to address the children with guidance needs.
- Apply different types of counseling as practice exercise among peer groups.

EDU 106.14 : ENVIRONMENTAL EDUCATION NO. OF CREDITS3

On completion of the course, the prospective teachers would be able to:

- understand the Multidisciplinary nature of environmental education.
- realise the interdependence of life and environment and the need for preservation of our cultural heritage.
- think critically, ethically, and creatively while evaluating environmental issues and making judgments.
- develop a sense of responsibility and favorable attitudes, values and skills towards protection and conservation of environment, biodiversity and sustainable development.
- know the importance of undertaking Environmental Impact Assessment (EIA)
- develop awareness about rules, regulations and legal provisions for protection, preservation and conservation of the environment.
- understand different strategies for environmental education and apply them effectively.

Semester II

EDU201 KNOWLEDGE AND CURRICULUM

Upon completion of the course, students will be able to:

- Co-relate philosophy and Education
- Comprehend the major schools of philosophy.
- Appreciate the philosophy of great Indian thinkers.
- Critically analyze paedocentric and activity centered education
- Understand the contributions of great Indian Philosophers
- Evaluate the scope of education in the development of a nation.
- Apply the basic concepts of school administration and management

EDU 202: LEARNING AND TEACHING

- understand the process of learning and different approaches to the teaching learning process
- understand different perspectives of schools of psychology on learning
- get acquainted with the individual differences among and within the individual
- identify and cater to the educational needs of various types of children
- help student teachers to develop leadership skills
- understand the characteristics of children with special needs and help them provide appropriate learning in accordance with their needs
- acquaint student teachers with group dynamics
- Understand the concept of transfer of learning and apply the principles to foster maximum positive transfer.
- Acquaint oneself in dealing with children of different disabilities

EDU-203 ASSESSMENT FOR LEARNING

Upon completion of the course, students will be able to:

- Comprehend the concepts and scope of evaluation in education.
- Apply the different types of evaluation
- Updated with the reforms in evaluation
- Identify the scope of research for a teacher
- Apply statistics in the process of evaluation

LIST OF Cos- 204.11- Pedagogical dimensions of English

- To gain awareness about the implication of the theories related to language learning.
- To assume accountability for the teaching-learning process.
- To apply relevant strategies to develop the target language.
- To judge the efficacy of teaching through self-assessment.

LIST OF Cos – 205.11- Curriculum and resource development in English education

- To understand the principles of curriculum construction with special reference to English teaching.

- To modify the curriculum so as to address student needs.
- To develop competency in distinguishing different types of curriculum.
- To use the resources to transact the curriculum in an effective manner.

EDU 204.16: PEDAGOGIC DIMENSIONS OF MATHEMATICS

On the completion of this course, the prospective teachers would be able to:

- Capacitate systematic planning of instruction and develop skill in charting lesson designs.
- Apprehend the pedagogy of Mathematics of Secondary level
- Acquaint with concept of techno pedagogy and understand the role of the teacher as a techno-pedagogue.
- Augment the levels of teaching competence by synchronizing IT inn teaching.
- Conceptualize the ideology of Constructivism in Mathematics teaching.

EDU 205.16: CURRICULUM AND RESOURCE DEVELOPMENT IN MATHEMATICS EDUCATION

On the completion of this course, the prospective teachers would be able to:

- Acquaint with the concept and functions of curriculum.
- Gain a perspective on the principles and approaches of curriculum construction.
- Identify different types of curriculum
- Become proficient in analyzing Mathematics curriculum
- Familiarize the nature and functions of various learning resources.
- Get acquainted with online resources to uphill the level of teaching performance.

EDU 204.17: Pedagogical Dimensions of Physical Science

On completion of the course, the prospective teachers would be able to:

- understand the implications of behaviourism, constructivism and multiple intelligence theory in Physical Science teaching
- appraise critical pedagogy as an approach to address social issues
- discuss the significance of instructional planning
- develop skill in creating lesson designs
- apprehend the pedagogy of Physical Science of Higher Secondary and Secondary level
- construct achievement test and diagnostic test
- acquaint with practices of feedback mechanisms and techniques
- frame different types of test items
- develop the criteria for evaluating teaching competence

- acquaint with concept of techno pedagogy and understand the role of the teacher as a techno-pedagogue
- familiarize with ways and means to link technology to pedagogical content knowledge

EDU 205.17 : Curriculum and Resource Development in Physical Science Education

On the completion of the course, the prospective teachers would be able to:

- acquaint with the concept and functions of curriculum.
- gain a perspective on the principles and approaches of curriculum construction.
- identify different types of curriculum.
- adopt differentiated curriculum to meet individual differences
- become proficient in analyzing physical science curriculum
- understand highlights of science education in NCF and KCF
- familiarize the nature and functions of various learning resources in Physical Science
- explore traditional and modern instructional supports used in Physical Science learning

EDU 204.18 : PEDAGOGICAL DIMENSIONS OF NATURAL SCIENCE

On completion of the course, the prospective teachers would be able to:

- Analyze the nature of the school subject, its relation to disciplinary knowledge.
- develop insight on taxonomy of educational objectives
- to acquaint with concept of techno Pedagogy and understand the role of the teacher as a techno-pedagogue
- develop a deeper theoretical understanding of how children in diverse and social contexts construct knowledge
- acquaint with developing year plan, unit plan, lesson plan and feedback mechanisms, assessment tools and techniques
- apply Innovative teaching-learning strategies and acquaint oneself with ICT enabled Teaching skills and competency
- analyze the content areas of Life Science Textbooks for standard VI-X

EDU 205. 18: CURRICULUM AND RESOURCE DEVELOPMENT IN NATURAL SCIENCE EDUCATION

On the completion of the course, the prospective teachers would be able to:

- Identify various dimensions of curriculum and their relationship with the aims of education
- examine the role of the hidden curriculum and children's resilience
- decide on the curriculum best suited to address students' need and changes in society.
- develop competency in evaluating a curriculum and its elements

- critically analyze various samples of textbooks, children's literature, teacher's handbooks and e- learning resources
- utilize various resources and activities to promote effective teaching and learning.

EDU 205. 19: CURRICULUM AND RESOURCE DEVELOPMENT IN SOCIAL SCIENCE EDUCATION

On the completion of the course, the prospective teachers would be able to:

- Identify various dimensions of curriculum and their relationship with the aims of education
- examine the role of the hidden curriculum and children's resilience
- decide on the curriculum best suited to address students' need and changes in society.
- develop competency in evaluating a curriculum and its elements
- critically analyze various samples of textbooks, children's literature, teacher's handbooks and e- learning resources
- utilize various resources and activities to promote effective teaching and learning.

EDU 205.19 : CURRICULUM AND RESOURCE DEVELOPMENT IN SOCIAL SCIENCE EDUCATION

On completion of the course, the prospective teachers would be able to:

- identify the various dimensions of curriculum and their relationship with the aims of education
- examine the role of the hidden curriculum and children's resilience
- decide on the curriculum best suited to address students' need and changes in society.
- develop competency in evaluating a curriculum and its elements
- critically analyse various samples of textbooks, children's literature, teacher's handbooks and e- learning resources
- utilize the various resources and activities to promote effective teaching and learning

Semester III

301- Language Across the Curriculum

- To create sensitivity to the language diversity that exists in the classrooms.
- To understand the models of language learning and teaching.
- To develop competence in analyzing current school practices.
- To appreciate the relevance of classroom oral and written discourses.

Semester IV

EDU-401 GENDER,SCHOOL AND SOCIETY

Upon completion of the course, students will be able to:

Comprehend the basic gender issues and concepts

- Analyze the status of women in India
- Understand the theories of gender development
- Spread awareness of the government initiatives for education of girls

Critically evaluate the gender issues in curriculums

402: PERSONALITY DYNAMICS IN EDUCATION

- Understand the relevance of Intelligence, IQ, EQ, and SQ in learning and teaching.

- understand the characteristics of mature personality
- understand the different approaches to personality
- apply the principles of eco-psychology in conservation of natural resources
- help learners develop proper attitude towards outdoor education
- understand the significance of life-skills in leading a successful and happy life
- understand the basic principles and issues related to Inclusive education
- acquaint with experience related to inclusive education
- help learners to develop life skills

LIST OF Cos – 403.11- Professional development of an English Teacher

- To develop personal and professional competencies as a teacher.
- To handle challenges in language education with responsibility.
- To direct the mode of teaching in a professional manner.
- To reflect on practices in promoting values and humane attitudes.

EDU 403.16: PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHER

On the completion of this course, the prospective teachers would be able to:

- Cognicize with the essential qualities, duties and responsibilities of Mathematics teacher.
- Develop personal and professional competencies as a teacher.
- Familiarize with the reflective practices for nurturing professionalism.
- Conscientize with the recent research trends in Mathematics education.
- Inculcate a broader perspective on the varied activities enriching Mathematics teaching and learning.
- Shape their vision and mission as a professional.

EDU 403.17: Professional Development of Physical Science Teacher

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

- understand the essential qualities, duties and responsibilities of Physical Science Teacher.
- Examine the role of physical science teacher as a facilitator, researcher and social resource
- identify teacher competencies suggested by NCTE
- discover teaching as a profession
- discuss teacher accountability
- evaluate the need for professional ethics
- shape their vision and mission as a teacher
- justify the need for professional development
- identify ways and means of developing professionalism
- tone up with the rudiments of reflective practices for nurturing professionalism

- evolve as a reflective practitioner
- conscientize with the recent research trends in Science education
- develop a broader perspective on the varied activities enriching Physical science

Teaching and learning.

- discuss socio-cultural issues in Science education

EDU 403.18: PROFESSIONAL DEVELOPMENT OF NATURAL OBJECTIVES

On the completion of the course, the prospective teachers would be able to:

- develop professional and personal self
- inculcate the essential qualities, duties and responsibilities of a Natural Science Teacher
- create and widen the base for human values, namely freedom, trust, mutual respect, respect for diversity, etc
- develop the special concern of Science as a means to Promote Nationalism, Universalism and Secularism
- analyse different dimensions of social reality in the class, and work towards creating increasing self-awareness amongst themselves and in the learners
- identify and resolve the major challenges faced by our society and make use of the scientific knowledge in nurturing/equipping the learner to face those challenges

EDU 403.19 : PROFESSIONAL DEVELOPMENT OF A SOCIAL SCIENCE REACHER

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

- develop personal and professional competencies as a teacher.
- direct the mode of teaching in a professional manner.
- reflect on practices in promoting values and humane attitudes.
- Participate in professional development activities.
- understand the challenges in teaching Social Science with reference to recent trends.

EDU 404.5 – Communicative English

- To work with a set of materials to provide them with the necessary skills to comprehend oral and written texts.
- To build an active knowledge of lexical resources and grammar in English.
- To develop proficiency in English language by focussing on vocational skills.
- To contribute to the personal, social and professional development.

COURSE: DRAMA AND ART IN EDUCATION (EPC2)

- Appreciate India' s largest collections of songs, music, dance, theatre, folk traditions, performing arts, rites and rituals, paintings and writings, literature that are known, as the 'Intangible Cultural Heritage' (ICH) of humanity.
- Integrate the school curriculum with various domains of knowledge as envisaged

by NCF 2005

- Evaluate significant role of Art, Music ,Drama and Theatre in Education
- Interlink education with culture and nurture children's creativity and aesthetic sensibilities
- Move beyond the classroom and involve the community to participate in educational and social change
- Expand the landscapes of children's art, perceive their world and explore ways to assess their work.
- Internalize the understanding generated in a group and is carried forward by the individual in diverse personal and social contexts
- Appreciate the Art and Art forms of India and Kerala.
- Understand visual arts in Education- painting, drawing, sculpture, architecture ,craft, photography, video, film making, graphic design and decorative art
- Encourage students in Performing Arts -Music ,Dance ,Drama and Theatre- Practice and apply the techniques of performing arts to enhance classroom teaching
- Create aesthetic sense in students
- distinguish between Hindustani classical music and Carnatic music
- Inculcate cultural values in students
- Helps the trainees to set the criteria for evaluating performances on art forms
- Acquaint the trainees to conduct art/ cultural fest at school and college levels
- Equip the trainees in street theatre to address social issues
- Create educational Documentary/Film Review-significance

M.Ed. PROGRAMME

PROGRAMME OUTCOME'S
&
COURSE OUTCOMES

On completion of this Course the student will be able to

- gain understanding of the philosophical origin/basis of education and its application for the enhancement of educational quality.
- be exposed to the concepts of philosophical inquiry and use them as a basis to all their educational endeavours.
- understand the reality of ultimate human concerns and the contributions of philosophy in providing a base to them and develop capabilities for conceptual analysis of various issues in the society from philosophical perspective.
- develop a philosophical outlook for their personal life situations and in the handling of the problems related to educational issues.
- become aware of the contributions of the important philosophical schools to the theory and practice of education.
- realize the value basis of education, human rights problems and concerns of life and implement it at life situations.
- get acquainted with the process of validating information in different disciplines and learn to use the knowledge as application to education.
- get acquainted with the major Philosophical systems/schools and use them to recognize issues that need understanding from ethical, epistemic, aesthetic and political perspectives and their implications for education.
- analyse critically postulates and vision of great thinkers and their educational implications.
- develop a deeper understanding of the major modern movements in educational philosophies in the West and in India.
- develop the capacity to do independent thinking and a deeper insight into the philosophical roots and educational problems.
- get stimulated to have their own independent and consistent view-point of a philosophy which enable them to make effective decisions on educational problems or issues.

Course Outcome's

ED010102 - ADVANCED EDUCATIONAL PSYCHOLOGY: LEARNING AND DEVELOPMENT

OBJECTIVES OF THE COURSE:

On completion of this Course, the students will be able to:

- explore basic psychological concepts and approaches of educational psychology and research process in psychology.
- understand the basic concepts, principles and theories of educational psychology.
- understand the implications of psychological theories and principles in learning and instruction.

- critically evaluate the relevance of various theories.
- develop scientific attitude and research competency.

ED010103 – INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS

On completion of this Course, the students will be able to

- understand the meaning of research and its application in the field of education.
- understand the types and methods of educational research.
- develop the skill in selecting a relevant research problem.
- prepare a research proposal.
- develop the ability to critically analyse the research studies.
- develop the ability to formulate hypothesis.
- understand and use descriptive statistical techniques in education.

ED010104– TRENDS, ISSUES, INNOVATIONS AND RESEARCH IN TEACHER EDUCATION

On completion of this Course, the students will be able to

- understand the concept of development of teacher education
- understand the concept of pre-service teacher education
- comprehend the agencies for imparting pre-service education
- understand curricular aspects of teacher education
- comprehend the concept of In-service education
- comprehend the agencies for imparting in-service education
- understand the trends of research in teacher education

ED010105 - ICT AND SKILL DEVELOPMENT

On completion of this Course, the students will be able to

- understand ICT and to apply it in the educational settings.
- acquire the skill of using computer lab and smart classrooms.
- familiarise various web tools for class rooms.
- provide an opportunity for prospective teachers to learn communication skills and practice them in real settings.
- acquaint with relevant writing skills.
- understand the way of academic writing.
- acquaint with different skills for self-development.

SEMESTER II

ED010201 – PERSPECTIVES ON EDUCATION STUDIES

On completion of this Course, the student will be able to

- develop understanding about education as a discipline and field of study.
- analyse education in the context of social phenomena and social practice.
- appreciate education as a discipline in terms of the theoretical, practical and application elements.

- examine the vision of education in India reflected in the policies and programmes of government.
- comprehend the performance appraisal of higher education institutions and the conduct of quality analysis in educational institutions.
- critically examine the pivotal issues of contemporary India and to prepare action plans.
- comprehend the educational ideas of seminal thinkers with respect to the vision and mission of education.
- critically evaluate the problems and prospects of international initiatives and national policies in the present context.

ED010202 - HISTORY, SOCIOLOGY AND POLITICAL ECONOMY OF EDUCATION

On completion of this Course, the student will be able to

- develop understanding about education as a social process.
- analyse education in the context of creating a humane society.
- appreciate the role of education in modernisation, social reconstruction and sustainable development.
- critically examine the role of education in protecting human rights and combating social evils.
- comprehend the educational vision of the Constitution of India.
- critically examine the pivotal social, political and economic issues of contemporary India.
- develop abilities to make comparisons between the pre-independent and post-independent Indian education.
- encounter the challenges of addictions, consumerism, superstitions, abuses, discriminations and inequalities in society.
- develop an insight and prepare action plans to tackle the contemporary issues in Indian education.

ED010203 - ADVANCED EDUCATIONAL PSYCHOLOGY: INDIVIDUAL DIFFERENCES

On completion of this Course, the students will be able to

- understand the basic concepts, principles and their theories related to individual differences.
- understand the implications of theories of personality and intelligence.
- evaluate the relevance of various theories.
- develop scientific attitude and research competency.

ED010204 – ADVANCED EDUCATIONAL RESEARCH AND STATISTICS

On completion of this Course, the students will be able to

- develop the ability to select appropriate design for a research study.
- understand the meaning and techniques of sampling.
- understand the characteristics and use of different tools and techniques for data

collection.

- develop the skill in selecting appropriate inferential statistics in educational research.
- understand normal probability distribution and its uses.
- develop skill in analysing and interpreting the data collected for educational research.
- draw generalizations on the basis of a research study.
- acquaint with the preparation of dissertation.

ED010205 – CONTEXT AND ISSUES OF ELEMENTARY EDUCATION

On completion of this Course, the students will be able to

- develop an understanding about elementary education and its allied concepts.
- analyse the feeder programmes of elementary education in the context of India.
- examine the history, vision and development of elementary education in pre-independent and post-independent India.
- critically examine the role of different regulatory and monitoring agencies of education at national, state and regional levels.
- comprehend the institutions, structures and initiatives for elementary education in India.
- critically examine the pivotal issues of contemporary India with respect to elementary education and to prepare action plans.
- comprehend the curriculum and evaluation in elementary education.
- critically evaluate the international trends, national initiatives and national policies in elementary education in the present context.

SEMESTER III

ED810302 - INCLUSIVE EDUCATION

On completion of this Course, the students will be able to

- analyse the concept of ‘disability’ and ‘inclusion’ and develop a dynamic approach to pupil diversity and individual differences.
- identify needs of children with diversities.
- get acquainted with the cultures, policies and educational practices and equipped with inclusive practices.
- incorporate multidisciplinary approach and innovative practices in inclusive set up.
- use specific strategies and assistive and adaptive technologies in teaching children with special needs in inclusive classrooms.
- understand the global and national commitments towards the education of children with diverse needs.
- appreciate the need for promoting inclusive practice and the roles and responsibilities of all concerned personnel.
- develop critical understanding of the recommendations of various commissions and committees towards teacher preparation for inclusive education.
- analyse special education, integrated education and inclusive education practices.
- identify and utilize existing resources for promoting inclusive practice.

ED800303 – GUIDANCE AND COUNSELLING

On completion of this Course, the students will be able to

- acquire knowledge and develop effective skills in guidance and counselling
- develop interest to enter into the field of guidance and counselling
- identify the problems in educational setting
- take initiative in planning and organising various guidance services in educational institutions
- equip with advanced tools and techniques of guidance and counselling recognize the impact of new technology in guidance and counselling

SEMESTER IV

ED010401 - CURRICULUM DEVELOPMENT AND TRANSACTION

On completion of this Course, the students will be able to:

- understand the concept of curriculum and its various determinants explore the process of curriculum development
- analyse foundations of curriculum and different areas of curriculum. check for the theoretical background of curriculum development
- reflects on the models, approaches and issues in curriculum development check for the critical evaluation on curriculum and curriculum development
- analyse on approaches to curriculum, influencing factors on the effectiveness of curriculum implementation
- resolve the purpose of curriculum evaluation and evaluation of curriculum materials.
- familiarize curriculum planning and organization – new trends in curriculum planning understand how to select the materials and procedure for curriculum planning and organization
- understand the importance of values, individual capacities, economic growth, and problems in curriculum planning and organization
- understand curriculum transaction in relation to its requirements, material and process

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OBJECTIVES OF THE COURSE:

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ED820401 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION - ENGLISH

On completion of this Course, the student will be able to

- understand the key ideologies in learning and teaching a language.
- attain the skills of curriculum design and construction in language learning.
- understand the psychology of language learning.
- gain acquaintance with the modern language pedagogy.
- gain acquaintance with the latest trends in assessment and evaluation of language learning.
- be able to design and construct online and offline tests.
- gain acquaintance with the digital resources in language education.
- develop research attitude.
- realise the need and importance of Continuing Professional Development.

ED010402 – CONTEXT AND ISSUES OF SECONDARY AND SENIOR SECONDARY EDUCATION

On completion of this course, the student will be able to

- develop understanding about conceptual perspectives of secondary and senior secondary education.
- examine the history, vision and development of secondary and senior secondary education in the post- independent India.
- critically examine the role of different regulatory and monitoring agencies of education at national, state and regional levels.
- comprehend the institutions, structures, and initiatives for secondary and senior secondary in India.
- critically examine the issues of contemporary India with respect to secondary and senior secondary education and to prepare action plans.
- comprehend the curriculum and evaluation in secondary and senior secondary education.
- critically evaluate the international trends in secondary and senior secondary education and the national initiatives and policies in the present context.
- analyse the impact of quality enhancement programmes and initiatives at secondary and senior secondary levels and ICT implementation, teacher training and media influence.

ED820407 - ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SCIENCE EDUCATION

On completion of this Course, the students will be able to

- understand the features of Science Education.
- explain various considerations for curriculum development.
- describe various guiding principles for selection and organisation of learning experiences.

- discuss various issues in curriculum development.
- develop the skills needed for designing the science curriculum and for developing support materials for curriculum transaction.
- understand the need to evaluate curricula and evaluate the same on the basis of different validities.
- know about and critically analyse innovative curricular efforts in India and abroad.
- understand the diversity of instructional materials, their role, and the need for contextualization in science education.
- appreciate the role of co-curricular activities in science education.
- understand the Constructivist approach to science instruction.
- understand the role of assessment in the teaching-learning process in science.
- familiarize with new, innovative trends in assessment.
- analyze the issues in Science education pertaining to equity and access, gender, special groups and ethical aspects.
- develop understanding of the process of In-service education.
- use various methods and techniques for the identification of training needs.
- use various techniques for the evaluation of In-service teacher education programmes.
- reflect on issues, concerns and problems of teacher in-service education.
- appreciate the use of ICT for the professional development of teachers.
- appreciate the need for promoting inclusive practice and understanding the roles and responsibilities of all concerned.
- prepare a conducive teaching learning environment in varied school settings.
- identify and utilize existing resources for promoting inclusive practice.
- understand the research findings in science education for improving practices related to Science Education.

ED820408 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SOCIAL SCIENCE EDUCATION

On completion of this Course, the students will be able to

- develop an understanding of the meaning, nature, theoretical imperatives and componential convergence of the concept of social science in relation with education and curriculum.
- understand the aims and objectives of teaching social science in the relevance of knowledge of objectives in formulating appropriate methodology of teaching.
- understand the principles and techniques of organization of social science curriculum.
- understand the nature and importance of inter-disciplinary approaches to teaching social science.
- understand the psychological considerations of social science instruction.
- use modern instructional strategies and models in the teaching and learning of social science.
- understand the nature, scope and use of technology in Social Science education.
- identify the various resources for learning social science and use different media, materials and resources for teaching Social Science.
- develop competence to construct and administer appropriate assessment tools of evaluation and interpret results.
- identify priority areas of research and experimentation in Social Science education.
- develop competencies through practical experiences to become an effective

teachereducator in social science.