

**BACHELOR OF EDUCATION (B.Ed.)  
DEGREE PROGRAMME**

**CREDIT AND SEMESTER SYSTEM WITH GRADING**

**PROGRAMME AND COURSE OUTCOMES**

## **PROGRAMME OUTCOMES**

Structuring of the curriculum for two year B Ed programme is designed to enable the student teacher to:

1. uphold the value system based on the cultural, social, political and moral bases of Indiansociety.
2. identify and solve the prevalent major social and environmental issues / challenges and equip the classroom learner to face thosechallenges.
3. develop teacher competence, sensitivity and teachermotivation.
4. get ready for professionalpreparation.
5. become technologically competent and realize the importance of ICT and e-learning.
6. apply the 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 andfuture.
7. imbibe the aptitude for understanding the principles and practices related to the varied psychological, sociological and philosophical areas to facilitate productive cognition.
8. focus on communicative English which will help the student teachers to communicate well in diverse settings andgroups.
9. conceptualize different formal and informal evidence based performance assessment strategies and develop ability to evaluate the continuous intellectual, social and physical development of thelearners.
10. enhance drama and art education to nurture children's creativity and aesthetic sensibilities.
11. enhance the critical thinking skills through strategies that encourage precise approach to inquiry, collaboration and active participation in theclassrooms.
12. acquire the right attitude with qualitative commitment using multiple levels of tools andtechnique

# **COURSE OUTCOMES**

## **CORE COURSES**

### **EDU 101: CONTEMPORARY INDIA AND EDUCATION**

#### **OUTCOMES**

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

- appreciate the Educational Heritage of India
- understand the nature of education as a discipline and its correlation with other disciplines.
- examine issues related to interdisciplinary nature of education.
- comprehend the values, aims and ideals of society enshrined in the Constitution of India.
- critically examine the pivotal issues of contemporary India.
- analyse vision, aims of education and recommendations of various commissions after independence in shaping the present education system of India.
- evaluate the basic concepts/issues of education with reference to kind of concerns the NCF (2005) and NCFTE (2009) have raised.
- discuss the emerging dimensions of teacher education and professional growth of teachers.

### **EDU 102: CHILDHOOD AND GROWING UP**

#### **OUTCOMES**

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

- 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 adolescent 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
- provide guidance and counselling services to adolescents
- help learners to develop proper mental health and hygiene
- understand various adjustment mechanisms and help learners for better adjustment and development
- understand the strategies for enhancing effective memorization in children

## **EDU 103: DEVELOPMENT AND RESOURCES IN EDUCATIONAL TECHNOLOGY**

### **OUTCOMES**

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

- understand the nature, scope and various forms of educational technology.
- know the 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
- blend the merits of multimedia in the process of teaching and learning
- develop an awareness about the application of information technology in the process of learning
- recognize the importance of effective communication and interaction in classroom
- apply appropriate instructional approaches in teaching and learning

# **PEDAGOGIC COURSES**

## **EDU 104.11: UNDERSTANDING THE DISCIPLINE OF ENGLISH EDUCATION**

### **OUTCOMES**

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

- justify the relevance of English language learning and teaching.
- develop authentic classroom practices based on theoretical underpinnings.
- apply an integrated approach in developing the four-fold language skills.
- develop the ability for self-study.
- understand the role of English language teaching in Educational Reports based on KCF AND NCF.

## **EDU 105.11: LEARNING TO FUNCTION AS AN ENGLISH TEACHER**

### **OUTCOMES**

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

1. use appropriate strategies to develop the target skills or sub-skills.
2. understand the important contribution of the various methods in enriching language.
3. create a positive learning environment by ensuring involvement of all the learners.
4. apply relevant strategies to develop the target language.
5. use English appropriately when explaining, instructing, prompting, eliciting, conveying meaning, and motivating learners.
6. monitor learners and provide feedback on language and tasks, including oral or written correction.

## **EDU 104.12 : UNDERSTANDING THE DISCIPLINE OF MALAYALAM EDUCATION**

### **OUTCOMES**

- interrelationships of Disciplines like ICT, Theatre, Drama and other languages in teaching Malayalam
- examine how the language skills can be practiced in an effective way in different levels of schooling
- apply the theory and innovative methods in transacting prose and poetry
- analyse importance of learning grammar in language classes and ways to transact the same
- examine the contributions of psychological theories in Malayalam language learning

## **EDU 105.12: LEARNING TO FUNCTION AS MALAYALAM TEACHER**

### **OUTCOMES**

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.
- 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.

## **EDU 104.16 : UNDERSTANDING THE DISCIPLINE OF MATHEMATICS EDUCATION**

### **OUTCOMES**

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

- acquaint with the evolution of Mathematics as a discipline
- inquire into the contribution of eminent mathematicians
- appreciate the conception and 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
- conceptualize the ideology of Behaviorism, Constructivism in Mathematics teaching

## **EDU105.16 : LEARNING TO FUNCTION AS MATHEMATICS TEACHER**

### **OUTCOMES**

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 Mathematics
- equip with innovative strategies of mathematics teaching
- entwine models of differentiated teaching in effectual instructional practices of Mathematics education.
- fine-tune themselves as innovative pedagogic practitioner.
- develop an understanding about individual difference and its remediation.
- outfit prospective teachers in up surging skills for effectual teaching in Mathematics

## **EDU 104 .17: UNDERSTANDING THE DISCIPLINE OF PHYSICAL SCIENCE EDUCATION**

### **OUTCOMES**

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

- acquaint with the evolution of Science as a discipline
- inquire into the contribution of eminent Scientists
- appreciate the conception and significance of Science as a Discipline.
- 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 other subjects for effective classroom teaching.

## **EDU 105.17 LEARNING TO FUNCTION AS PHYSICAL SCIENCE TEACHER**

### **OUTCOMES**

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
- equip with innovative strategies of Physical Science teaching
- interweave models of differentiated teaching in effectual instructional practices of Physical Science education.
- fine-tune themselves as innovative pedagogic practitioner.
- develop an understanding about individual difference and its remediation.
- outfit prospective teachers in up surging skills for effectual teaching in Physical Science



## **EDU 104.18 : UNDERSTANDING THE DISCIPLINE OF NATURAL SCIENCE EDUCATION**

### **OUTCOMES**

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
- conceptualize the ideology of Behaviorism, Constructivism in Natural Science

## **EDU 105.18 – LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER**

### **OUTCOMES**

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

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

### **OUTCOMES**

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

- analyze the Disciplines and School Subjects which are products of History and Geography that emerged in particular Social, Political and Intellectual contexts and evaluate the drastic changes in Social Science.
- 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.

## **EDU105.19 : LEARNING TO FUNCTION AS SOCIAL SCIENCE TEACHER**

### **OUTCOMES**

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.
- 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.

## **EDU 104.20 UNDERSTANDING THE DISCIPLINE OF COMMERCE EDUCATION**

### **OUTCOMES**

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

- acquaint with the evolution of Commerce as a discipline
- appreciate the conception and significance of Commerce as a Discipline.
- gain a perspective about the scope of Commerce
- make sense of the, aims, objectives and skills of teaching Commerce.
- internalize the values of teaching Commerce
- gain an insight of the Interdisciplinary Nature of Commerce  
Conceptualize the ideology of Behaviorism, Constructivism in Commerce teaching

## **EDU105.20 LEARNING TO FUNCTION AS COMMERCE TEACHER**

### **OUTCOMES**

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 Commerce
- equip with innovative strategies of Commerce teaching
- entwine models of differentiated teaching in effectual instructional practices of

Commerce education.

- fine-tune themselves as innovative pedagogic practitioner.
- develop an understanding about individual difference and its remediation.
- outfit prospective teachers in up surging skills for effectual teaching in Commerce

## **ASSOCIATE COURSE-ELECTIVE**

### **EDU 106.11 HEALTH AND PHYSICAL EDUCATION**

#### **OUTCOMES**

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

- develop positive attitude towards health
- gain knowledge about various hypo kinetic and communicable diseases and its prevention
- acquire knowledge about nutrition ,energy requirement and expenditure
- understand the practice of Yogasanas and its importance
- organize and assist in the conduct of sports and games
- apply the techniques of First Aid
- develop awareness about physical fitness

### **EDU106.12 : GUIDANCE AND COUNSELLING**

#### **OUTCOMES**

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

- acquaint with the nature of guidance and counselling
- develop ability to organize guidance programmes in school.
- understand the counselling process
- develop the skills and qualities needed for a counsellor
- develop the ability to provide counselling to children and adolescents

# **CORE COURSES**

## **EDU 201: KNOWLEDGE AND CURRICULUM**

### **OUTCOMES**

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

- appreciate the philosophical contributions of India to the world
- analyse the basic principles of various schools of philosophy.
- find out the inter-relationship between philosophy and education.
- evaluate the need and the basic principles of sociology.
- comprehend the trends in social changes and their impact on education.
- elaborate education in the sociological perspectives.
- critically evaluate the practices of teacher centered and activity centered education
- apply the principles of effective management of the schools.

## **EDU 202 : LEARNING AND TEACHING**

### **OUTCOMES**

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

- 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 basic principles and techniques of guidance and counselling
- develop skills in guidance and counselling
- understand the concept of transfer of learning and apply the principles to foster maximum positive transfer

## **EDU 203 : ASSESSMENT FOR LEARNING**

### **OUTCOMES**

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

- familiarize with the latest trends in evaluation
- get a perspective on scope of assessment and evaluation
- develop appropriate assessment instruments for students
- appreciate the role of teacher as a researcher
- develop competencies to evaluate learning
- apply the essentials of statistics in process of evaluation

## **PEDAGOGIC COURSES**

### **EDU 204.11 : PEDAGOGICAL DIMENSIONS OF ENGLISH**

#### **OUTCOMES**

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

- assume accountability for the teaching-learning process.
- apply relevant strategies to develop the target language.
- analyze the content with respect to the relevant aims of teaching the target language.
- design instruction catering to the diverse needs of the language classroom.
- judge the efficacy of teaching through self-assessment.
- evaluate the language skills of learners and provide remediation.

## **EDU205.11 : CURRICULUM AND RESOURCE DEVELOPMENT IN ENGLISH EDUCATION**

### **OUTCOMES**

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

- understand the principles of curriculum construction with special referenceto English teaching.
- modify the curriculum so as to address student needs.
- develop competency in evaluating a curriculum and itselements
- use the resources and instructional support effectively to transact thecurriculum
- frame a curriculum based on relevant factors.

## **EDU 204.12 : PEDAGOGICAL DIMENSIONS OF MALAYALAM**

### **OUTCOMES**

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

- analyze the nature of the school subject, its relation to disciplinary knowledge and its social history as a subject in the schoolcurriculum.
- explore pedagogical approaches for the teaching of the subject at different stages ofschool
- develop a deeper theoretical understanding of how children in diverse and social contexts constructknowledge
- apply Innovative teaching-learning strategies and acquaint oneself with ICT enabledTeaching
- analyze the content areas of Malayalam Textbooks for StandardVIII-XII
- practice diverse methods and prepare tools for assessing an array of learning/performance outcomes of diverselearners.

## **EDU 205.12 : CURRICULUM AND RESOURCE DEVELOPMENT IN MALAYALAM EDUCATION**

### **OUTCOMES**

On 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 language curriculum and its elements
- critically analyse 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.

## **EDU204.16 : PEDAGOGICAL DIMENSIONS OF MATHEMATICS**

### **OUTCOMES**

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

- understand the significance of Taxonomy of instructional objectives of teaching Mathematics
- facilitate systematic planning of instruction and develop skill in charting lesson designs
- apprehend the pedagogy of Mathematics of Higher Secondary and Secondary level
- acquaint with practices of feedback mechanisms and online assessment tools and techniques
- 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 in teaching

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## **EDU 205.16 : CURRICULUM AND RESOURCE DEVELOPMENT IN MATHEMATICS EDUCATION**

### **OUTCOMES**

On 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.
- become proficient in analyzing Mathematics Curriculum.
- familiarize the nature and functions of various instructional resources
- explore e- resources to uphill the level of teaching performance

## **EDU 204.17 : PEDAGOGICAL DIMENSIONS OF PHYSICAL SCIENCE**

### **OUTCOMES**

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

- endow with the significance of Taxonomy of instructional objectives of teaching Physical Science
- capacitate systematic planning of instruction and develop skill in charting lesson designs
- apprehend the pedagogy of Physical Science of Higher Secondary and Secondary level
- acquaint with practices of feedback mechanisms and online assessment tools and techniques
- 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 in teaching

## **EDU 205.17 : CURRICULUM AND RESOURCE DEVELOPMENT IN PHYSICAL SCIENCE EDUCATION**

### **OUTCOMES**

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.
- become proficient in analyzing physical science curriculum.
- familiarize the nature and functions of various instructional resources
- explore e- resources to uphill the level of teaching performance.

## **EDU 204.18 : PEDAGOGICAL DIMENSIONS OF NATURAL SCIENCE**

### **OUTCOMES**

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**

### **OUTCOMES**

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 analyse 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 204.19: PEDAGOGICAL DIMENSIONS OF SOCIAL SCIENCE**

### **OUTCOMES**

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

- analyze the nature of the school subject, its relation to disciplinary knowledge and its social history as a subject in the school curriculum.
- explore pedagogical approaches for the teaching of the subject at different stages of school
- develop a deeper theoretical understanding of how children in diverse and social contexts construct knowledge
- apply innovative teaching-learning strategies and acquaint oneself with ICT enabled teaching
- examine the possibilities of Multimedia for learning and instruction.
- analyze the content areas of Social Science Textbooks for Standard VI-X
- practice diverse methods and prepare tools for assessing an array of learning/performance outcomes of diverse learners. Limited.

## **EDU 205.19 : CURRICULUM AND RESOURCE DEVELOPMENT IN SOCIAL SCIENCE EDUCATION**

### **OUTCOMES**

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.

## **EDU 204.20 : PEDAGOGICAL DIMENSIONS OF COMMERCE**

### **OUTCOMES**

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

- understand the significance of Taxonomy of instructional objectives of teaching Commerce
- capacitate systematic planning of instruction and develop skill in charting lesson designs
- apprehend the pedagogy of Commerce of Higher Secondary level
- acquaint with practices of feedback mechanisms and online assessment tools and techniques
- acquaint with concept of techno Pedagogy and understand the role of the teacher as a techno-pedagogue
- boost up the levels of teaching competence by synchronizing IT in teaching

# **EDU 205.20 : CURRICULUM AND RESOURCE DEVELOPMENT IN COMMERCE EDUCATION**

## **OUTCOMES**

On 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 Commerce Curriculum.
  - familiarize the nature and functions of various instructional resources
  - explore e- resources to escalating the level of teaching performance.
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## **ASSOCIATE COURSE**

### **EDU 301 : LANGUAGE ACROSS THE CURRICULUM**

#### **OUTCOMES**

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

- create sensitivity to the language diversity that exists in the classrooms.
- understand models of language teaching and learning
- develop competence in analysing current school practices and coming up with appropriate alternatives.
- appreciate interdisciplinary approach and relevance of classroom oral and written discourses.
- develop strategies for using language to promote learning in the subject area.
- effectively prepare teaching manuals and construct achievement tests and diagnostic tests, ICT based teaching and learning.

## **CORE COURSES**

### **EDU 401: GENDER, SCHOOL AND SOCIETY**

#### **OUTCOMES**

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

- develop basic understanding and familiarity with key concepts – gender, gender bias, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism;
- understand the gradual paradigm shift from women's studies to gender Studies and some important landmarks in connection with gender and education in the historical and contemporary period;
- learn about gender issues in school, curriculum, textual materials across disciplines, pedagogical processes and its intersection with class, caste, religion and region; and

- understand how gender, power and sexuality relate to education (in terms of access, curriculum and pedagogy).

## **402: PERSONALITY DYNAMICS IN EDUCATION**

### **OUTCOMES**

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

- 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
- acquaint with psychological tests for measuring human behaviour
- understand the concept of intelligence
- acquainted with various tests related to intelligence, attitude and aptitude
- 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

## **PEDAGOGIC COURSES**

### **EDU 403.11 : PROFESSIONAL DEVELOPMENT OF AN ENGLISH TEACHER**

### **OUTCOMES**

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

- develop personal and professional competencies as a teacher.
- handle challenges in language education with responsibility.
- direct the mode of teaching in a professional manner.

- reflect on practices in promoting values and humane attitudes.
- handle classes effectively as a techno-pedagogue.
- understand the challenges in teaching English with reference to political, social, cultural and linguistic factors.

## **EDU 403.12 : PROFESSIONAL DEVELOPMENT OF MALAYALAM TEACHER**

### **OUTCOMES**

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

- develop Professional and Personal self as a Malayalam teacher
- create and widen the popular base for human values, namely freedom, trust, mutual respect, respect for diversity, etc
- develop the special concern of Mother tongue as a unique means to Promote Nationalism, Universalism and Secularism
- identify and resolve the major challenges faced by our Mother tongue And make use of the knowledge in nurturing/equipping the learner to face those challenges



## **EDU 403.16: PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHER**

### **OUTCOMES**

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

- cognicize with the essential qualities, duties and responsibilities of Mathematics Teacher.
- mould to endorse the professional spirit in diverse angles.
- tone up with the rudiments of 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**

### **OUTCOMES**

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

- cognicize with the essential qualities, duties and responsibilities of Physical Science Teacher.
- mould to endorse the professional spirit in diverse angles.
- tone up with the rudiments of reflective practices for nurturing professionalism
- conscientize with the recent research trends in Science education
- Inculcate a broader perspective on the varied activities enriching science Teaching and learning.
- shape their vision and mission as a professional

## **EDU 403.18 : PROFESSIONAL DEVELOPMENT OF NATURAL SCIENCE TEACHER**

### **OUTCOMES**

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

## **EDU403.19 : PROFESSIONAL DEVELOPMENT OF SOCIAL SCIENCE TEACHER**

### **OUTCOMES**

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

- develop Professional and Personal self
- create and widen the popular base for human values, namely freedom, trust, mutual respect and respect for diversity
- develop the special concern of Social Science as a unique means to Promote Nationalism, Universalism and Secularism
- analyze different dimensions of social reality in the class, and work towards creating increase of self-awareness amongst themselves and in the learners.
- identify and resolve the major challenges faced by our society and make use of the

knowledge in nurturing/equipping the learner to face those challenges

- appreciate the rich cultural heritage of India
- develop Research Aptitude to promote an in-depth study on the different areas of the Subject

### **EDU403.20: PROFESSIONAL DEVELOPMENT OF COMMERCE TEACHER**

#### **OUTCOMES**

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

- cognize with the essential qualities, duties and responsibilities of Commerce Teacher.
- mould to endorse the professional spirit in diverse angles.
- tune up with the rudiments of reflective practices for nurturing professionalism
- conscientize with the recent research trends in Commerce education
- inculcate a broader perspective on the varied activities enriching Commerce Teaching and learning.
- shape their vision and mission as a professional

### **EDU 403.21 PROFESSIONAL DEVELOPMENTS OF IT AND COMPUTER SCIENCE TEACHER**

#### **OUTCOMES**

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

- develop professional and personal self
- create and widen the popular base for human values, namely freedom, trust, mutual respect, respect for diversity, etc
- develop the special concern of IT and Computer Science as a unique 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 knowledge in nurturing/equipping the learner to face those challenges

### **EDU 404.5 : COMMUNICATIVE ENGLISH**

#### **OUTCOMES**

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

- work with a set of materials to provide them with the necessary skills to comprehend and produce written and oral 'texts,'
- build on active knowledge of lexical resources and grammar in English
- enhance the latent vocational skills through intensive training in developing proficiency in English language.
- develop communicative skills in various contexts.
- contribute to the personal social and professional development.

### **COURSE : HEALTH AND PHYSICAL EDUCATION**

#### **OUTCOMES**

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

- plan and implement a variety of developmentally appropriate instructional strategies to develop physically educated individuals
- demonstrate understanding of how individuals learn and develop and can provide opportunities that support students' physical, cognitive, social, and emotional development.
- develop and reinforce cooperative behaviour
- establish lifelong fitness goals

## **COURSE : DRAMA AND ART IN EDUCATION (EPC2)**

### **OUTCOMES**

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

- 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 NCF2005
- 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

**MASTER OF EDUCATION (M.Ed.)**

**DEGREE PROGRAMME**

**CREDIT AND SEMESTER SYSTEM WITH GRADING**

**PROGRAMME AND COURSE OUTCOMES**

## **PROGRAMME OUTCOMES**

The Masters in Education is a two year (of four semesters) professional post graduate programme for advanced praxis based study of the discipline of Education.

The M.Ed. Degree Programme is designed to develop the discipline of Teacher Education for empowering teacher educands with

- in-depth knowledge and understanding of Education,
- specialisations in select areas of Education, as well as
- capabilities for research in Education.

The Programme is embedded in comprehensive foundations of Philosophy, Sociology, Psychology, Research Methodology, and other specialised areas of Education. Besides academic study, the Programme intends to sensitise students toward critical issues in Education and to evolve as proactive practitioners in text book preparation, curriculum reform, educational policy analysis, educational administration, educational technology, educational evaluation, special education, inclusive education, Non Formal education, human rights education, guidance and counselling, and the like, in harmony with national aspirations and global trends. It seeks to prepare educational experts capable of generating knowledge and to find solutions to the problems and issues relating to the theory and practice in the varied fields of education.

The Programme also has a strong research component with a view to hone the research acumen and potential of the students in diverse dimensions of Education as well as to groom them for doctoral and post-doctoral research in Education.

The Expert Committee in Education (PG) pooled the best expertise available to revise the M.Ed. curriculum for strengthening the content, structure, as well as the assessment of the Programme so as to be at par with the professional requirement of the Programme.

# **COURSE OUT COMES**

## **COMMON CORE COURSE**

### **ED010101 - ADVANCED PHILOSOPHY OF EDUCATION**

#### **OUT COMES:-**

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.

### **ED010102 - ADVANCED EDUCATIONAL PSYCHOLOGY: LEARNING AND DEVELOPMENT**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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.

### **ED010201 – PERSPECTIVES ON EDUCATION STUDIES**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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**

#### **OUT COMES:-**

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.

### **SPECIALISATION ELECTIVE COURSE**

#### **ED800301 – EDUCATIONAL EVALUATION**

#### **OUT COMES:-**

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

- familiarize the student with theoretical background of educational evaluation.

- make students aware about the various functions of evaluation.
- help the students to understand the different models of evaluation.
- make students familiar with tools and techniques of evaluation.
- enable students to prepare quality test items.
- develop competence in construction and standardization of various measuring instruments.
- nurture the skill in interpretation of data and test results.
- make the future educators aware about major innovations in educational testing and evaluation.

### **ED810301 – ENVIRONMENTAL EDUCATION**

#### **OUT COMES:-**

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

- develop comprehensive concept about the scope and importance of environmental education.
- acquaint with environmental issues and problems.
- be aware of the recent environmental hazards and the plan of action to overcome this in a broad perspective.
- provide training in IT enabled strategies for imparting environmental education.
- carry out research projects for improving environmental quality and sustainable development.
- conduct awareness program and develop an action plan for the public about sustainable development.
- lead a nature friendly life and promote green living in the society.
- develop an attitude to conserve the nature and natural resources.

### **COMMON CORE COURSE**

#### **ED010401 - CURRICULUM DEVELOPMENT AND TRANSACTION**

#### **OUT COMES:-**

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

### **SPECIALISATION CORE COURSE**

#### **ED010402 – CONTEXT AND ISSUES OF SECONDARY AND SENIOR SECONDARY EDUCATION**

##### **OUT COMES:-**

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.

### **SPECIALISATION ELECTIVE COURSE**

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

##### **OUT COMES:**

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.

#### **ED820402 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION - MALAYALAM**

##### **OUT COMES:**

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

- understand the key ideologies in teaching and learning of language
- develop an understanding of the nature, scope and functions of language teaching



and learning

- analyze the application of linguistic, psycho linguistic, socio linguistic, neuro-linguistic theories in language learning
- apply the current approaches, methods and innovative techniques in language teaching and learning
- equip prospective teacher educators in developing language skills, communication skills, teaching skills and study skills
- grasp the techniques underlying the designing and administration of various kinds of language tests
- attain the skills of curriculum construction and design in a language
- adopt and practice instructional strategies for teaching the language and to address the special needs of differently abled children
- become equipped in retrieving and incorporating suitable ICT enabled learning resources in a language
- explore modern assessment practices that are in vogue in the field of language teaching ensure quality in the continuing professional development of teachers
- equip the prospective teacher educators with a positive attitude towards research acquaint themselves with areas of research and various research tools

## **ED820406 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF MATHEMATICS EDUCATION**

### **OUT COMES:**

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

- understand the key ideologies in learning and teaching Mathematics.
- attain the skills of curriculum design and construction in Mathematics learning.
- understand the Psychology of Mathematics learning.
- gain acquaintance with the modern Mathematics pedagogy.
- gain acquaintance with the latest trends in assessment and evaluation of Mathematics learning.

- gain acquaintance with the digital resources in Mathematics Education.
- develop research attitude.
- develop positive attitude towards the profession.
- realise the need and importance of Continuing Professional Development.
- explore avenues of Professional Growth.

## **ED820407 - ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SCIENCE EDUCATION**

### **OUT COMES:**

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 P RACTICES OF SOCIAL SCIENCE EDUCATION**

### **OUT COMES:**

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 teacher educator in social science.

## **EDU 820409 - ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF COMMERCE EDUCATION**

### **OUT COMES:**

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

- develop into a prospective teacher to uphold professional quest in varied dimensions.
- make sense of the aims and objectives of teaching Commerce.
- explore the features of varied instructional approaches, techniques and methods of teaching Commerce.
- entwine models of teaching in effectual instructional practices of Commerce education.
- gain insight about principles and approaches in designing and organization of Commerce curriculum.
- outfit prospective teachers in upcoming skills for effectual teaching in Commerce.
- acquaint with practices of feedback mechanisms and online assessment tools.
- acquaint with concept of techno pedagogy and understand the role of the teacher as a techno-pedagogue.
- boost up the levels of teaching competence by synchronizing techno pedagogical content knowledge.
- conscientise with the recent research trends in Commerce education.