

NATIONAL COLLEGE FOR TEACHER EDUCATION
BACHELOR OF EDUCATION (B.Ed.) DEGREE PROGRAMME

COURSE LEARNING OUTCOME (CLO) CORE COURSES

SEMESTER 1

EDU 101: CONTEMPORARY INDIA AND EDUCATION

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

CLO 1: Enhancing proper attitude and commitment to the society.

CLO 2: Developing professional competence and sensitivity.

CLO 3: Develop Constitutional values among the society.

CLO 4: Examine features of Indian educational system in global context.

CLO 5: Awareness about various educational policies, educational rights, commissions, recommendations and its impact on contemporary Indian education.

CLO 6: Acquainted knowledge about different stages of not only Indian but also global educational system.

EDU 102: CHILDHOOD AND GROWING UP

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

CLO 1: Understand the basic concepts, principles and important theories of Educational Psychology.

CLO 2: Acquainted with knowledge about human growth and development in each stage of age.

CLO 3: To detect various problems among adolescents and give suitable guidance to them.

CLO 4: Understand the importance of practice, drill lesson, memorization techniques, motivation, and reinforcement in teaching learning process.

CLO 5: Acquainted knowledge about various kinds of intelligent test, psychology test to detect students' disabilities and psychological problems.

EDU 103: DEVELOPMENT AND RESOURCES IN EDUCATIONAL TECHNOLOGY

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

CLO 1: To identify the nature scope, importance, different kinds of educational technology in teaching learning process.

CLO 2: Provide knowledge about individualized and mass mode of interaction technologies in the field of education.

CLO 3: Understand the various principles, differences between various approaches in the field of educational technology.

CLO 4: Acquainted with knowledge about recent trends of ICT enabled pedagogy in various fields of education.

CLO 5: Imbibe the applications of multimedia resources in the field of education in effective way.

CLO 6: Develop class room communication through technological interventions.

CLO 7: Promote self-directed learning, here teacher as a scaffold.

PEDAGOGIC COURSES

EDU 104.11: UNDERSTANDING THE DISCIPLINE OF ENGLISH EDUCATION

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

CLO 1: Under the historical development of English language and literature.

CLO 2: Develop knowledge about aims and objectives of English language and literature.

CLO 3: To understand the integrated learning through language skills.

CLO 4: Understand the language skills development in different classes in school education.

CLO5: Effective use of language in teaching learning process and development of language proficiency among learner.

CLO6: Understand the use of English language at both national and international level - learning and teaching concept, knowledge and basic principles.

.EDU 105.11: LEARNING TO FUNCTION AS AN ENGLISH TEACHER

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

CLO 1: Empower target language development with effective strategies

CLO 2: Refine micro-teaching skills through practice, feedback, and correction

CLO 3: Explore approaches, methods, and strategies for enriching language learning

CLO 4: Develop expertise in pedagogic content knowledge

CLO 5: Foster an inclusive learning environment for all learners

CLO 6: Critically evaluate current trends and practices in English education globally

EDU 104.16: UNDERSTANDING THE DISCIPLINE OF MATHEMATICS EDUCATION

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

CLO 1: Understand the history and development of Mathematics as a subject.

CLO 2: Learn about the contributions of famous mathematicians.

CLO 3: Appreciate the importance and significance of Mathematics.

CLO 4: Recognize the scope and applications of Mathematics.

CLO 5: Understand the goals, objectives and skills required to teach Mathematics effectively.

CLO 6: Internalize the values and principles of teaching Mathematics.

CLO 7: Gain insight into how Mathematics connects with other subjects (Interdisciplinary Nature).

CLO 8: Understand the teaching ideologies of Behaviourism and Constructivism in Mathematics education.

EDU 105.16: LEARNING TO FUNCTION AS MATHEMATICS TEACHER

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

CLO 1: Discover the unique characteristics of various teaching approaches, techniques and methods in Mathematics.

CLO 2: Learn innovative strategies to teach Mathematics effectively.

CLO 3: Integrate differentiated teaching models into their instructional practices.

CLO 4: Develop as innovative and effective Mathematics teachers.

CLO 5: Understand individual differences among students and how to address them.

CLO 6: Acquire the skills needed to teach Mathematics effectively and make learning engaging.

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

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

CLO 1: Understand the history and development of science as a subject.

CLO 2: Learn about the contributions of famous Scientists.

CLO 3: Appreciate the importance and significance of science.

CLO 4: Recognize the scope and applications of science.

CLO 5: Understand the goals, objectives and skills required to teach Physical Science effectively at various levels (Primary, Secondary and Higher Secondary).

CLO 6: Internalize the values and principles of teaching Physical Science.

CLO 7: Gain insight into how Physical Science connects with other subjects (Interdisciplinary Nature).

CLO 8: Develop a holistic approach to teaching Physical Science by correlating it with other subjects for effective classroom teaching.

EDU 105.17 LEARNING TO FUNCTION AS PHYSICAL SCIENCE TEACHER

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

CLO 1: Discover the unique characteristics of various teaching approaches, techniques and methods in Physical Science.

CLO 2: Learn innovative strategies to teach Physical Science effectively.

CLO 3: Integrate differentiated teaching models into their instructional practices.

CLO 4: Develop as innovative and effective Physical Science teachers.

CLO 5: Understand individual differences among students and how to address them.

CLO 6: Acquire the skills needed to teach Physical Science effectively and make learning engaging.

EDU 104.18: UNDERSTANDING THE DISCIPLINE OF NATURAL SCIENCE EDUCATION

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

CLO 1: Learn about the history and development of Natural Science as a subject.

CLO 2: Understand how students learn and process Natural Science information (psychological bases).

CLO 3: Recognize the impact of Natural Science on society and everyday life.

CLO 4: Apply theoretical knowledge to teach Natural Science effectively.

CLO 5: Internalize the values and principles of teaching Natural Science.

CLO 6: Understand how Natural Science connects with other subjects (interdisciplinary nature).

CLO 7: Realize that science is constantly evolving and expanding.

CLO 8: Learn about the teaching ideologies of Behaviourism and Constructivism in Natural Science education.

EDU 105.18 – LEARNING TO FUNCTION AS NATURAL SCIENCE TEACHER

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

CLO 1: Discover and explore various approaches, techniques and methods for teaching Natural Science.

CLO 2: Critically examine effective teaching-learning processes including:

- Inquiry-based learning
- Discovery-based learning
- Conceptual development
- Activity-based learning

CLO 3: Develop lesson plans using different Models of Teaching.

CLO 4: Create diverse processes to motivate students and promote learning throughout the year.

CLO 5: Help students develop self-assessment skills and reflect on their learning.

CLO 6: Understand the concept, tools and techniques of evaluation in Natural Science education.

CLO 7: Explore various methods and tools for assessing different learning outcomes and performances of diverse learners.

EDU 104.19: UNDERSTANDING THE DISCIPLINE OF SOCIAL SCIENCE EDUCATION

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

CLO 1: Understand how History and Geography shaped Social Science and its various disciplines.

CLO 2: Analyze the evolution of Social Science in different social, political, and intellectual contexts.

CLO 3: Evaluate the significant changes in Social Science over time.

CLO 4: Learn about the background and practical applications of Social Science.

CLO 5: Examine how Social Science content is selected, presented and can be transformed to promote student-centered learning.

CLO 6: Internalize the goals and objectives of teaching Social Studies/Social Science at various levels (Primary, Secondary and Higher Secondary).

CLO 7: Recognize the interdisciplinary nature of Social Science and its connections to other subjects.

CLO 8: Apply theoretical knowledge to teach Social Science effectively.

CLO 9: Develop positive attitudes and values based on Indian society's cultural, moral, social and political fabric.

EDU 105.19: LEARNING TO FUNCTION AS SOCIAL SCIENCE TEACHER

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

CLO1: Critically evaluate effective teaching-learning processes including:

- Inquiry-based learning
- Discovery-based learning
- Conceptual development
- Activity-based learning
- Brain-based learning

CLO 2: Use drama and theatre techniques to foster creativity and aesthetic awareness in students.

CLO 3: Explore various instructional options to support learning.

CLO 4: Connect new concepts to students' prior knowledge and experiences, considering their diverse backgrounds and interests.

CLO 5: Develop engaging processes throughout the year to motivate students and promote learning.

CLO 6: Help students develop self-assessment skills and reflect on their learning.

EDU 104.20 UNDERSTANDING THE DISCIPLINE OF COMMERCE EDUCATION

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

CLO 1: Learn about the history and development of Commerce as a subject.

CLO 2: Understand the importance and significance of Commerce in education.

CLO 3: Recognize the scope and applications of Commerce.

CLO 4: Comprehend the goals, objectives and skills required to teach Commerce effectively.

CLO 5: Internalize the values and principles of teaching Commerce.

CLO 6: Appreciate the connections between Commerce and other subjects (Interdisciplinary Nature).

CLO 7: Understand the teaching ideologies of Behaviourism and Constructivism in Commerce education.

EDU 105.20 LEARNING TO FUNCTION AS COMMERCE TEACHER

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

CLO 1: Discover and explore various teaching approaches, techniques and methods in Commerce.

CLO 2: Learn innovative strategies to teach Commerce effectively.

CLO 3: Integrate differentiated teaching models into their instructional practices.

CLO 4: Develop themselves as innovative and effective Commerce teachers.

CLO 5: Understand individual differences among students and how to address them.

CLO 6: Acquire the skills needed to teach Commerce effectively and make learning engaging.

ASSOCIATE COURSE-ELECTIVE

EDU 106.12: GUIDANCE AND COUNSELLING

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

CLO 1: Understand the importance and principles of guidance and counselling

CLO 2: Recognize their responsibilities as teachers to guide and counsel students

CLO 3: Develop skills to apply guidance and counselling techniques

CLO 4: Support career development for diverse student needs

CLO 5: Learn to organize and implement guidance programs in schools

CLO 6: Appreciate the crucial role of teachers in providing counselling services

CLO 7: Identify various areas, tools and techniques in guidance and counselling

CLO 8: Address psychological, ethical, inclusive and career issues in schools.

EDU 107.1 PRACTICAL COURSE – CORE

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

CLO 1: Develop skills to create learning materials

CLO 2: Conduct research on social and educational issues

CLO 3: Understand prevailing practices in schools and communities

CLO 4: Gain knowledge of adolescent problems

CLO 5: Create blogs and reflect on experiences

EDU 107.2 PRACTICAL COURSE - PEDAGOGY

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

CLO 1: Develop teaching skills through micro-teaching and practice sessions

CLO 2: Improve presentation skills

CLO 3: Write reports and reflect on experiences

CLO 4: Integrate skills gained in micro-teaching into practice

CLO 5: Create ICT resource materials

EDU 107.3 PRACTICAL COURSE - HEALTH AND PHYSICAL EDUCATION

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

CLO 1: Develop skills in yogic asanas and first aid

CLO 2: Apply principles of first aid and yogic asanas

CLO 3: Understand the importance of yoga and appreciate its value

CLO 4: Develop life-saving skills (CPR)

EDU 107.4 PRACTICAL COURSE - ART AND DRAMA EDUCATION

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

CLO 1: Develop skills in writing drama scripts and organize Socially Useful Productive Work

CLO 2: Apply principles of drama in writing role plays

CLO 3: Understand the importance of drama and art education

CLO 4: Acquire leadership skills and design eco-friendly products

SEMESTER 2

CORE COURSES

EDU 201: KNOWLEDGE AND CURRICULUM

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

CLO 1: Understand the different aspects of the school curriculum and their connection to teacher education

CLO 2: Explore the meaning, nature and sources of knowledge and how it's constructed

CLO 3: Compare various approaches to curriculum development

CLO 4: Appreciate the role of teachers, schools and educational authorities in effective curriculum implementation

CLO 5: Understand the concepts of Knowledge and Curriculum

CLO 6: Examine the school as an organization, its culture and the role of teachers in developing a responsive curriculum that promotes critical thinking

CLO 7: Familiarize themselves with the recommendations of NCF 2005 and NEP 2020 regarding Curriculum and Schooling

CLO 8: Gain insight into Knowledge and its construction.

EDU 202: LEARNING AND TEACHING

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

CLO 1: Understand the various ways people learn and process information.

CLO 2: Recognize different learning environments and the unique role of schools.

CLO 3: Reflect on their own beliefs about learning and how it happens

CLO 4: Learn about different theories of learning, focusing on cognitive approaches

CLO 5: Understand key concepts like Intelligence, Personality and Adjustment.

EDU 203: ASSESSMENT FOR LEARNING

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

CLO 1: Understand the purpose and role of assessment in teaching and learning.

CLO 2: Learn how assessment affects different areas of learning

CLO 3: Learn to create effective testing tools.

CLO 4: Collect, analyze and use assessment data to improve teaching.

CLO 5: Stay updated on the latest trends and issues in assessment.

CLO 6: Understand the differences between Measurement, Examination, Assessment and Evaluation.

CLO 7: Design effective question papers using various evaluation tools.

CLO 8: Choose the right statistical methods to analyze and interpret test scores.

CLO 9: Stay current with new evaluation trends to improve learning assessment.

PEDAGOGIC COURSES

EDU 204.11: PEDAGOGICAL DIMENSIONS OF ENGLISH

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

CLO 1: Take responsibility for the teaching-learning process.

CLO 2: Use effective strategies to develop students' language skills.

CLO 3: Align content with the goals of language teaching.

CLO 4: Create lessons that cater to diverse student needs.

CLO 5: Reflect on their own teaching effectiveness through self-assessment.

CLO 6: Assess students' language skills and provide support where needed.

EDU 205.11: CURRICULUM AND RESOURCE DEVELOPMENT IN ENGLISH EDUCATION

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

CLO 1: Understand the basics of curriculum design and development.

CLO 2: Adapt the curriculum to meet the diverse needs of students.

CLO 3: Develop skills to evaluate and improve the curriculum and its components.

CLO 4: Effectively use resources and instructional support to deliver the curriculum.

CLO 5: Create a curriculum that considers relevant factors, such as student needs and learning goals.

EDU 204.16: PEDAGOGICAL DIMENSIONS OF MATHEMATICS

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

CLO 1: Understand the importance of categorizing instructional objectives in teaching Mathematics.

CLO 2: Develop skills in planning and designing lessons systematically.

CLO 3: Learn effective teaching methods for Higher Secondary and Secondary level Mathematics.

CLO 4: Familiarize themselves with feedback mechanisms and online assessment tools.

CLO 5: Understand the concept of techno-pedagogy and the teacher's role in integrating technology into teaching.

CLO 6: Enhance their teaching competence by effectively using IT in the classroom.

EDU 205.16: CURRICULUM AND RESOURCE DEVELOPMENT IN MATHEMATICS EDUCATION

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

CLO 1: Understand the concept and purposes of a curriculum.

CLO 2: Learn about the principles and approaches to building a curriculum.

CLO 3: Recognize different types of curricula.

CLO 4: Develop skills to analyze and evaluate the mathematics curriculum.

CLO5: Familiarize themselves with various instructional resources and their uses.

CLO6: Explore digital resources (e-resources) to enhance teaching performance and student learning.

EDU 204.17: PEDAGOGICAL DIMENSIONS OF PHYSICAL SCIENCE

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

CLO 1: Understand the importance of categorizing instructional objectives.

CLO 2: Develop skills in systematic planning and designing lessons.

CLO 3: Learn effective teaching methods for Higher Secondary and Secondary level Physical Science.

CLO 4: Familiarize themselves with feedback mechanisms and online assessment tools.

CLO 5: Understand the concept of techno-pedagogy and the teacher's role in integrating technology.

CLO 6: Enhance their teaching competence by effectively using IT to support student learning.

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

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

CLO 1: Understand what a curriculum is and its purposes

CLO 2: Learn how to build a curriculum and the approaches involved.

CLO 3: Recognize different types of curricula.

CLO 4: Develop skills to analyze and evaluate the Physical Science curriculum.

CLO 5: Familiarize themselves with various instructional resources and their uses.

CLO 6: Explore digital resources (e-resources) to enhance teaching performance and student learning.

EDU 204.18: PEDAGOGICAL DIMENSIONS OF NATURAL SCIENCE

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

CLO 1: Understand the subject's nature and connection to disciplinary knowledge.

CLO 2: Learn about categorizing educational objectives (taxonomy).

CLO 3: Familiarize themselves with techno-pedagogy and the teacher's role in integrating technology.

CLO 4: Develop insight into how children construct knowledge in diverse social contexts.

CLO 5: Learn to plan effectively (year plan, unit plan, lesson plan) and use feedback mechanisms, assessment tools and techniques.

CLO 6: Apply innovative teaching-learning strategies and develop ICT-enabled teaching skills.

CLO 7: Analyze Life Science textbook content for standards VI-X.

**EDU 205.18: CURRICULUM AND RESOURCE DEVELOPMENT IN NATURAL SCIENCE
EDUCATION**

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

CLO 1: Understand the different aspects of curriculum and their connection to educational goals.

CLO 2: Explore the impact of the hidden curriculum and how children can develop resilience.

CLO 3: Choose a curriculum that meets students' needs and adapts to societal changes.

CLO 4: Develop skills to evaluate and improve curriculum and its component.

CLO 5: Critically review educational materials like textbooks, children's literature and online resources.

CLO 6: Use various resources and activities to enhance teaching and learning effectiveness.

EDU 204.19: PEDAGOGICAL DIMENSIONS OF SOCIAL SCIENCE

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

CLO 1: Understand the subject's nature, history and connection to disciplinary knowledge.

CLO 2: Explore effective teaching approaches for different age groups.

CLO 3: Develop insight into how children from diverse backgrounds construct knowledge.

CLO 4: Apply innovative teaching strategies and learn ICT-enabled teaching methods.

CLO 5: Investigate the potential of multimedia for enhanced learning.

CLO 6: Analyze Social Science textbook content for standards VI-X.

CLO 7: Develop and practice various assessment methods for diverse learners.

EDU 205.19: CURRICULUM AND RESOURCE DEVELOPMENT IN SOCIAL SCIENCE EDUCATION

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

CLO1: Understand how curriculum dimensions align with educational goals.

CLO2: Explore the impact of the hidden curriculum on children's resilience.

CLO3: Choose a curriculum that meets students' needs and adapts to societal changes.

CLO4: Develop skills to evaluate and improve curriculum and its components.

CLO5: Critically review educational materials like textbooks and online resources.

CLO6: Use various resources and activities to enhance teaching and learning effectiveness.

EDU 204.20: PEDAGOGICAL DIMENSIONS OF COMMERCE

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

CLO 1: Understand the importance of categorizing instructional objectives.

CLO 2: Develop skills in systematic planning and designing lessons.

CLO 3: Learn effective teaching methods for Higher Secondary level Commerce.

CLO 4: Familiarize themselves with feedback mechanisms and online assessment tools.

CLO 5: Understand the concept of techno-pedagogy and the teacher's role in integrating technology.

CLO 6: Enhance their teaching competence by effectively using IT to support student learning.

EDU 205.20: CURRICULUM AND RESOURCE DEVELOPMENT IN COMMERCE EDUCATION

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

CLO 1: Discover the concept and functions of curriculum.

CLO 2: Explore principles and approaches to building effective curriculum.

CLO 3: Identify and understand different types of curricula.

CLO 4: Master the art of analyzing Commerce Curriculum.

CLO 5: Learn to leverage instructional resources for maximum impact.

CLO 6: Unlock the potential of e-resources to elevate teaching perform

EDU 206.1 CORE PRACTICAL COURSE

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

CLO 1: Understand school profiles and practices

CLO 2: Develop analytical and evaluative skills

CLO 3: Apply education principles to address adolescent problems

CLO 4: Analyse current assessment practices

CLO 5: Critically evaluate the status of exceptional children in schools

CLO 6: Identify and address adolescent problems

EDU 206.2: PEDAGOGIC PRACTICAL COURSE

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

- CLO 1: Master the art of lesson planning
- CLO 2: Become a skilled observer and evaluator
- CLO 3: Weave education principles into engaging lessons
- CLO 4: Craft inclusive classrooms where all thrive
- CLO 5: Harness technology to supercharge learning
- CLO 6: Orchestrate productive and respectful classrooms

EDU 206.3 HEALTH AND PHYSICAL EDUCATION PRACTICAL COURSE

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

- CLO 1: Become a sports management pro
- CLO 2: Plan and execute successful sports events
- CLO 3: Cultivate emotional intelligence and sportsmanship
- CLO 4: Unlock the power of sports for a healthy life
- CLO 5: Unleash your leadership potential
- CLO 6: Think critically, win strategically
- CLO 7: Be a sports leader, inside and out!

EDU 206.4 DRAMA AND ART PRACTICAL COURSE

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

- CLO 1: Learn to evaluate art with confidence
- CLO 2: Master the art of interviewing and reporting
- CLO 3: Apply education principles to interview design
- CLO 4: Discover and appreciate local art treasures
- CLO 5: Share local art with the world
- CLO 6: Become an art ambassador and storyteller

SEMESTER 3

EDU 301: LANGUAGE ACROSS THE CURRICULUM

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

CLO 1: Understand the concept, purpose and goals of education and its connection to philosophy.

CLO 2: Explore the ideas of Indian and Western thinkers on education and how they impact teaching practices.

CLO 3: Develop critical thinking skills to reflect on educational issues

CLO 4: Build their ability to respond to challenges in education

CLO 5: The concept of language and communication

CLO 6: How children develop language skills, especially in early childhood

CLO 7: The process of acquiring reading, writing, speaking, and listening skills

CLO8: The diversity of languages and their connection to society, with a focus on India.

CLO9: How to effectively teach in a multilingual classroom.

EDU 302.1 PRACTICAL COURSE- CORE

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

CLO 1: Teach with confidence and impact

CLO 2: Master tools for research and case studies

CLO 3: Craft lessons that inspire and uplift

CLO 4: Reach every child, regardless of needs

CLO 5: Harness technology for enhanced learning

CLO 6: Reflect, adjust and grow as an educator

EDU 302.2 PRACTICAL COURSE- PEDAGOGY

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

CLO 1: Unlock your teaching potential

CLO 2: Master project-based learning and assessment

CLO 3: Craft lessons that inspire and educate

CLO 4: Tech-integrated teaching for the modern classroom

CLO 5: Organize, manage and thrive in the classroom

CLO 6: Reflect, adjust and shine as an educator

EDU 302.3 PRACTICAL COURSE- HEALTH AND PHYSICAL EDUCATION

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

CLO 1: Teach with energy and enthusiasm

CLO 2: Master Physical Education, Health Education and Yoga instruction

CLO 3: Unlock the power of PE, Health and Yoga for a healthy society

CLO 4: Tech-infused teaching for active learning

CLO 5: Organize, manage and energize your classroom

CLO 6: Reflect, refresh and teach with passion

EDU 302.4 PRACTICAL COURSE- ART AND DRAMA EDUCATION

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

CLO 1: Unleash creativity in the classroom

CLO 2: Inspire unity and patriotism through art and drama

CLO 3: Celebrate India's rich cultural heritage

CLO 4: Tech-infused art and drama education

CLO 5: Organize, manage and create a vibrant classroom

CLO 6: Reflect, refresh and inspire creativity

SEMESTER 4

CORE COURSES

EDU 401: GENDER, SCHOOL AND SOCIETY

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

CLO 1: Understand the transition from Women's Studies to Gender Studies and its historical context.

CLO 2: Explore various theories of Gender and Education.

CLO 3: Analyze how socialization institutions (family, media, etc.) shape power dynamics and identity.

CLO 4: Promote gender sensitivity in the classroom.

CLO 5: Identify key concepts related to gender equality and education.

CLO 6: Apply gender theories to the Indian context.

CLO 7: Evaluate changing attitudes towards gender, power, education and legal provisions.

CLO 8: Work towards achieving gender equality in classrooms and society.

EDU402: PERSONALITY DYNAMICS IN EDUCATION

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

CLO 1: Discover the secrets of intelligence, IQ, EQ and SQ in learning and teaching.

CLO 2: Uncover the traits of a mature personality.

CLO 3: Explore the diverse approaches to understanding personality.

CLO 4: Learn to measure human behaviour with psychological tests.

CLO 5: Unravel the mysteries of intelligence and its many facets.

CLO 6: Get familiar with tests that reveal intelligence, attitude and aptitude.

CLO 7: Apply eco-psychology principles to conserve nature's wonders.

CLO 8: Inspire learners to embrace outdoor education with enthusiasm.

CLO 9: Unlock the power of life-skills for a happy and successful life.

CLO 10: Understand the fundamentals and challenges of inclusive education.

CLO 11: Share experiences and insights on inclusive education.

PEDAGOGIC COURSES

EDU 403.11: PROFESSIONAL DEVELOPMENT OF AN ENGLISH TEACHER

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

CLO 1: Enhance your teaching skills and professional growth.

CLO 2: Overcome language education challenges with confidence and responsibility

CLO 3: Lead your classes with expertise and professionalism.

CLO 4: Reflect on your teaching practices to promote values and compassion.

CLO 5: Master the art of teaching with technology (techno-pedagogy).

CLO 6: Understand the complex factors affecting English teaching (political, social, cultural and linguistic).

EDU 403.16: PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHER

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

CLO 1: Discover the key qualities, duties and responsibilities of a Mathematics Teacher.

CLO 2: Embrace a professional spirit from multiple perspectives.

CLO 3: Develop reflective practices to nurture professionalism.

CLO 4: Stay updated on the latest research trends in Mathematics education.

CLO 5: Explore diverse activities to enrich Mathematics teaching and learning.

CLO 6: Define your vision and mission as a professional Mathematics Teacher.

EDU 403.17: PROFESSIONAL DEVELOPMENT OF PHYSICAL SCIENCE TEACHER

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

CLO 1: Discover the key qualities and responsibilities of a Physical Science Teacher.

CLO 2: Foster a professional spirit from multiple perspectives.

CLO 3: Develop reflective practices to enhance teaching and learning.

CLO 4: Stay informed about the latest research trends in science education.

CLO 5: Explore innovative approaches to enrich Science teaching and learning.

CLO 6: Define your vision and mission as a Physical Science educator.

EDU 403.18: PROFESSIONAL DEVELOPMENT OF NATURAL SCIENCE TEACHER

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

CLO 1: Empower your personal and professional growth.

CLO 2: Embody the qualities, duties and responsibilities of a Natural Science Teacher.

CLO 3: Foster a culture of human values: freedom, trust, mutual respect and diversity.

CLO 4: Harness Science to promote Nationalism, Universalism and Secularism.

CLO 5: Develop self-awareness and social consciousness in yourself and your learners.

CLO 6: Address societal challenges with scientific knowledge and equip learners to overcome them.

EDU 403.19: PROFESSIONAL DEVELOPMENT OF SOCIAL SCIENCE TEACHER

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

CLO 1: Enhance your professional and personal growth.

CLO 2: Foster a culture of human values: freedom, trust, mutual respect and diversity.

CLO 3: Leverage Social Science to promote Nationalism, Universalism and Secularism.

CLO 4: Develop self-awareness and social consciousness in yourself and your learners.

CLO 5: Address societal challenges with knowledge and equip learners to overcome them.

CLO 6: Celebrate India's rich cultural heritage.

CLO 7: Cultivate Research Aptitude for in-depth subject exploration.

EDU 403.20: PROFESSIONAL DEVELOPMENT OF COMMERCE TEACHER

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

CLO 1: Discover the key qualities and responsibilities of a Commerce Teacher.

CLO 2: Embrace a professional spirit from multiple perspectives.

CLO 3: Develop reflective practices to enhance teaching and learning.

CLO 4: Stay updated on the latest research trends in Commerce education.

CLO 5: Explore innovative approaches to enrich Commerce teaching and learning.

CLO 6: Define your vision and mission as a Commerce educator.

EDU 404.1 CORE PRACTICAL COURSE

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

CLO 1: Discover your teaching purpose and passion

CLO 2: Develop essential social and soft skills through community immersion

CLO 3: Master the art of interviewing and reporting

CLO 4: Identify social needs and create impactful programs

CLO 5: Bring stories to life through documentary filmmaking

CLO 6: Organize and lead transformative study tours and camps

EDU 404.2 PEDAGOGIC PRACTICAL COURSE

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

CLO 1: Envision your teaching legacy

CLO 2: Critique, write and publish with impact

CLO 3: SWOT analysis for teaching excellence

CLO 4: Investigate, innovate and share pedagogic insights

CLO 5: Blog your expertise, share your voice

CLO 6: Evaluate, reflect, and grow as an educator

EDU404.3 HEALTH AND PHYSICAL EDUCATION PRACTICAL COURSE

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

CLO 1: Master the rules of the game

CLO 2: Cultivate a winning spirit and teamwork

CLO 3: Unlock the power of sports for life

CLO 4: Discover the health benefits of play

CLO 5: Lead, manage and inspire through sports

CLO 6: Decode the rules of Volleyball and Badminton

EDU 404.4 DRAMA AND ART IN EDUCATION PRACTICAL COURSE

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

CLO 1: Unlock the educational power of film and theatre

CLO 2: Analyse, critique and learn from films

CLO 3: Apply interdisciplinary insights to film review

CLO 4: Harness the social impact of film and street plays

CLO 5: Lead, manage and shine through arts festivals

CLO 6: Navigate the rules and rhythms of cultural events

EDU 404.5: COMMUNICATIVE ENGLISH

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

CLO 1: Master written and oral communication skills through interactive materials.

CLO 2: Strengthen English language foundation with grammar and vocabulary.

CLO 3: Unlock vocational potential with intensive English training.

CLO 4: Develop effective communication skills in diverse contexts.

CLO 5: Enhance personal, social and professional development.

NATIONAL COLLEGE FOR TEACHER EDUCATION
MASTER OF EDUCATION (M.Ed.) DEGREE PROGRAMME
SEMESTER I
COMMON CORE COURSE
ED010101 ADVANCED PHILOSOPHY OF EDUCATION

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

CLO 1: Understand the fundamental philosophical principles of education and how to apply them to improve educational quality.

CLO 2: Develop critical thinking skills through philosophical inquiry and apply them to educational pursuits.

CLO 3: Recognize and address essential human concerns and develop analytical skills to examine societal issues from a philosophical perspective.

CLO 4: Cultivate a philosophical approach to personal and professional life enabling them to tackle educational challenges effectively.

CLO 5: Appreciate the contributions of significant philosophical schools to educational theory and practice.

CLO 6: Understand the value-based foundation of education, human rights and life concerns and apply this understanding in real-life situations.

CLO 7: Learn to validate information across disciplines and apply this knowledge to educational contexts.

CLO 8: Familiarize themselves with major philosophical systems and analyse issues from ethical, epistemic, aesthetic and political perspectives, recognizing their implications for education.

CLO 9: Critically evaluate the ideas and visions of influential thinkers and their educational implications.

CLO 10: Develop a deeper understanding of modern educational philosophies in Western and Indian contexts.

CLO 11. Cultivate independent thinking and insight into philosophical roots and educational problems.

CLO 12. Formulate their own philosophical perspective, enabling them to make informed decisions on educational issues.

COMMON CORE COURSE

ED010102 ADVANCED EDUCATIONAL PSYCHOLOGY: LEARNING AND DEVELOPMENT

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

CLO 1: Understand the fundamentals of educational psychology, including key concepts, research methods and approaches.

CLO 2: Grasp the core principles, theories and concepts of educational psychology.

CLO 3: Apply psychological theories and principles to improve learning and instruction.

CLO 4: Analyse and critically evaluate the relevance and effectiveness of various psychological theories.

CLO 5: Develop a scientific mindset and research skills enabling them to design and conduct studies in educational psychology.

COMMON CORE COURSE

ED010103 INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS

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

CLO 1: Harness the power of research to drive educational innovation and improvement.

CLO 2: Navigate the landscape of educational research, recognizing diverse methodologies and approaches.

CLO 3: Identify and articulate pressing research questions that address real-world educational challenges.

CLO 4: Craft compelling research proposals that outline clear objectives, methods and expected outcomes.

CLO 5: Engage in incisive critiques of existing research, evaluating its validity, reliability and impact.

CLO 6: Formulate well-grounded hypotheses that guide investigation and experimentation.

CLO 7: Apply descriptive statistical techniques to uncover patterns, trends and correlations in educational data.

CLO 8: Recognize the pivotal role of statistical analysis in extracting insights from data and informing evidence-based educational practices.

ED010104 TRENDS, ISSUES, RESEARCH AND INNOVATIONS IN TEACHER EDUCATION

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

CLO 1: Grasp the fundamentals of pre-service teacher education

CLO 2: Identify key agencies for pre-service teacher training

- CLO 3: Understand curriculum design in teacher education
- CLO 4: Learn about in-service education for ongoing teacher development
- CLO 5: Recognize agencies that provide in-service teacher education
- CLO 6: Stay updated on the latest research trends in teacher education

ED010105 ICT and Skill Development

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

- CLO 1: Master technology integration: Computer labs and smart classrooms
- CLO 2: Explore web tools for enhanced teaching and learning
- CLO 3: Develop effective communication skills through practice
- CLO 4: Cultivate writing skills for academic success
- CLO 5: Understand the principles of academic writing
- CLO 6: Discover strategies for self-development and growth

SEMESTER II

COMMON CORE COURSE

ED010201 PERSPECTIVES OF EDUCATIONAL STUDIES

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

- CLO 1: Analyse education in the context of social phenomena and social practice.
- CLO 2: Appreciate education as a discipline in terms of the theoretical, practical and application elements.
- CLO 3: Examine the vision of education in India reflected in the policies and Programmes of government.
- CLO 4: Comprehend the performance appraisal of higher education institutions and the conduct of quality analysis in educational institutions.
- CLO 5: Critically examine the pivotal issues of contemporary India and to prepare action plans.
- CLO 6: Comprehend the educational ideas of seminal thinkers with respect to the vision and mission of education.
- CLO 7: Critically evaluate the problems and prospects of international initiatives and national policies in the present context.

ED010202: HISTORY AND POLITICAL ECONOMY OF EDUCATION

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

CLO 1: Critically evaluate education, impact on promoting human rights, combating social injustices and addressing systemic inequalities.

CLO 2: Interpret the Constitutional vision for education in India, aligning with democratic values and social justice.

CLO 3: Analyse the complex interplay of social, political and economic factors influencing contemporary Indian society.

CLO 4: Compare and contrast the evolution of education in India, from pre-independence to post-independence, highlighting progress and challenges.

CLO 5: Confront the pressing issues of addiction, consumerism, superstition, abuse, discrimination and inequality, developing empathetic and solution-focused perspectives.

CLO 6: Develop a critical consciousness and strategic action plans to address the complex challenges facing Indian education, driving positive change and social transformation.

COMMON CORE COURSE

EDU 010203: ADVANCED EDUCATIONAL PSYCHOLOGY – INDIVIDUAL DIFFERENCES

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

CLO 1: Decode the fundamental concepts, principles and theoretical frameworks that underlie human diversity.

CLO 2: Unpack the significance of personality and intelligence theories, recognizing their impact on human behaviour and cognition.

CLO 3: Critically assess the applicability and limitations of various theories, developing a nuanced understanding of their strengths and weaknesses.

CLO 4: Cultivate a scientific mindset and research skills, empowering them to investigate and address complex questions related to individual differences.

COMMON CORE COURSE ED010204 – ADVANCED EDUCATIONAL RESEARCH AND STATISTICS

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

- CLO 1: Design effective research studies
- CLO 2: Master sampling techniques and strategies
- CLO 3: Choose the right data collection tools and methods
- CLO 4: Select and apply appropriate statistical analysis techniques
- CLO 5: Understand and apply normal probability distribution
- CLO 6: Analyse and interpret research data with confidence
- CLO 7: Draw meaningful conclusions from research findings
- CLO 8: Prepare and write a research dissertation

SPECIALISATION CORE COURSE ED010205 – CONTEXT AND ISSUES OF ELEMENTARY EDUCATION

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

- CLO 1: Understand the fundamentals of elementary education
- CLO 2: Analyse feeder programs for elementary education in India
- CLO 3: Explore the history and development of elementary education in India
- CLO 4: Examine the role of regulatory and monitoring agencies in education
- CLO 5: Understand institutions, structures and initiatives for elementary education
- CLO 6: Identify and address contemporary issues in elementary education
- CLO 7: Understand curriculum design and evaluation in elementary education
- CLO 8: Critically evaluate international trends, national initiatives and policies in elementary education

THIRD SEMESTER

SPECIALISATION ELECTIVE COURSE ED800303 – GUIDANCE AND COUNSELLING

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

- CLO 1: Master guidance and counselling skills for effective support
- CLO 2: Cultivate interest in pursuing a career in guidance and counselling
- CLO 3: Identify and address problems in educational settings
- CLO 4: Plan and implement comprehensive guidance services
- CLO 5: Stay updated with advanced tools and techniques in guidance and counselling
- CLO 6: Leverage technology to enhance guidance and counselling practices

SPECIALISATION ELECTIVE COURSE ED810301 – ENVIRONMENTAL EDUCATION

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

CLO 1: Understand the significance and scope of environmental education

CLO 2: Recognize environmental issues, problems and recent hazards

CLO 3: Develop strategies to address environmental challenges

CLO 4: Master IT-enabled approaches for environmental education

CLO 5: Conduct research for sustainable development and environmental improvement

CLO 6: Design and implement public awareness programs for sustainable development

CLO 7: Embody and promote eco-friendly values and green living

CLO 8: Cultivate a nature-conserving attitude and responsible resource management

PRACTICAL COURSE – CORE ED010301:

Field Internship in Primary Schools, Primary Teacher, Education Institution, & Field, Site relevant to Cluster A & Cluster B Thematic **Cluster A**– Current Practices in Education (one Course from Thematic Cluster A shall be opted - **ED800303 Guidance and Counselling**) Thematic **Cluster B**– Emerging Issues in Education (one Course from Thematic Cluster B shall be opted- **ED810301 Environmental Education**)

Upon completing the Field Trip component of the Master of Education (M.Ed.) programme, student teachers will be able to:

CLO 1: Observe and analyse educational practices in diverse settings

CLO 2: Apply theoretical knowledge to real-world educational contexts

CLO 3: Develop critical thinking and reflective practice skills

CLO 4: Demonstrate understanding of educational leadership and management principles

CLO 5: Show increased awareness of social, cultural and environmental factors influencing education

CLO 6: Foster professional networking and collaboration skills

Upon completing the Field Trip in Primary Schools component of the Master of Education (M.Ed.) programme, student teachers will be able to:

CLO 1: Observe and analyse teaching-learning processes in primary school settings

CLO 2: Develop understanding of child-centred pedagogy and curriculum design

CLO 3: Apply knowledge of educational psychology and child development

CLO 4: Demonstrate skills in classroom management and organization

CLO 5: Show increased awareness of diverse learning needs and inclusive practices

CLO 6: Foster effective communication and interpersonal skills with teachers, students and parents

Upon completing the Field Trip in Primary Teacher Education Institution component of the Master of Education (M.Ed.) programme, student teachers will be able to:

CLO 1: Observe and analyze teacher education programs and practices

CLO 2: Develop understanding of primary teacher training and development

CLO 3: Apply knowledge of educational policy and curriculum frameworks

CLO 4: Demonstrate skills in lesson planning and instructional design

CLO 5: Show increased awareness of teacher mentorship and coaching practices

CLO 6: Foster effective collaboration and communication with teacher educators and professionals

Upon completing the Field Site Visit component of the Master of Education (M.Ed.) programme, student teachers will be able to:

- Guidance and Counselling:

CLO 1: Apply theoretical knowledge of guidance and counselling principles in real-world settings

CLO 2: Develop skills in assessing student needs and designing interventions

CLO 3: Demonstrate understanding of ethical and cultural considerations in guidance and counselling

CLO 4: Show increased awareness of community resources and referral processes

- Environmental Education:

CLO 1: Develop understanding of environmental education principles and practices

CLO 2: Apply knowledge of sustainability and ecological concepts in educational settings

CLO 3: Demonstrate skills in designing environmental education programs and activities

CLO 4: Show increased awareness of global and local environmental issues and their impact on education

PRACTICAL COURSE – CORE ED010302, DISSERTATION

Upon completing the M.Ed. Dissertation course, student teachers will be able to:

CLO 1: Design and conduct an original research study in education

CLO 2: Apply advanced knowledge of research methodologies and statistical analysis

CLO 3: Develop critical thinking and problem-solving skills in educational research

CLO 4: Demonstrate expertise in academic writing and presentation skills

CLO 5: Show increased ability to contribute to the body of knowledge in education

CLO 6: Apply research findings to inform educational practice and policy

CLO 7: Develop a deep understanding of a specific area of education

CLO 8: Demonstrate advanced skills in data collection, analysis and interpretation

CLO 9: Show increased ability to work independently and manage time effectively

CLO 10: Demonstrate expertise in citing and referencing sources using a recognized citation style

ED010303 VIVA VOCE DISSERTATION

Upon completing the Viva Voce component of the Master of Education (M.Ed.) Dissertation course, student teachers will be able to:

CLO 1: Successfully defend their dissertation research and findings

CLO 2: Demonstrate in-depth knowledge and understanding of their research topic and methodology

CLO 3: Apply critical thinking and problem-solving skills to address questions and concerns from examiners

CLO 4: Show increased ability to articulate and communicate complex research concepts and ideas clearly and concisely

CLO 5: Demonstrate expertise in responding to questions and critiques from experts in the field

CLO 6: Demonstrate understanding of the contributions and implications of their research for educational practice and policy

CLO 7: Show increased ability to think critically and reflectively about their research and its limitations

CLO 8: Demonstrate expertise in using research evidence to inform educational decision-making and practice

CLO 9: Show increased confidence in their ability to engage in academic discourse and debate.

FOURTH SEMESTER

COMMON CORE COURSE ED010401 - CURRICULUM DEVELOPMENT AND TRANSACTION

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

CLO 1: Grasp the concept of curriculum and its influencing factors

CLO 2: Explore the curriculum development process

CLO 3: Analyse the foundations and areas of curriculum

CLO 4: Understand the theoretical background of curriculum development

CLO 5: Examine models, approaches and issues in curriculum development

CLO 6: Critically evaluate curriculum and its development

CLO 7: Investigate approaches to curriculum and factors affecting implementation

CLO 8: Determine the purpose of curriculum evaluation and materials assessment

CLO 9: Familiarize yourself with curriculum planning, organization and new trends

CLO 10: Select appropriate materials and procedures for curriculum planning

CLO 11: Consider values, individual capacities, economic growth and problems in curriculum planning

CLO 12: Understand curriculum transaction, requirements, materials and processes

SPECIALISATION CORE COURSE ED010402 – CONTEXT AND ISSUES OF SECONDARY AND SENIOR SECONDARY EDUCATION

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

CLO 1: Understand the conceptual framework of secondary and senior secondary education

CLO 2: Explore the history and development of secondary and senior secondary education in post-independent India

CLO 3: Analyse the role of regulatory and monitoring agencies in education

CLO 4: Familiarize yourself with institutions, structures and initiatives for secondary and senior secondary education

CLO 5: Identify and address contemporary issues in secondary and senior secondary education

CLO 6: Understand curriculum design and evaluation in secondary and senior secondary education

CLO 7: Examine international trends, national initiatives and policies in secondary and senior secondary education

CLO 8: Assess the impact of quality enhancement programs, ICT implementation, teacher training and media influence on secondary and senior secondary education

SPECIALISATION ELECTIVE COURSE ED820401 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION – ENGLISH

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

CLO 1: Grasp key language learning and teaching ideologies

CLO 2: Master curriculum design and construction for language learning

CLO 3: Understand the psychology of language acquisition

CLO 4: Familiarize yourself with modern language pedagogy

CLO 5: Stay updated on latest trends in language assessment and evaluation

CLO 6: Design and construct effective language tests (online and offline)

CLO 7: Leverage digital resources for language education

CLO 8: Cultivate a research-oriented attitude

CLO 9: Recognize the importance of Continuing Professional Development (CPD) in language education

SPECIALISATION ELECTIVE COURSE ED820406 – ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF MATHEMATICS EDUCATION

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

- CLO 1: Grasp key ideologies in Mathematics learning and teaching
- CLO 2: Master curriculum design and construction for Mathematics learning
- CLO 3: Understand the psychology of Mathematics acquisition
- CLO 4: Familiarize yourself with modern Mathematics pedagogy
- CLO 5: Stay updated on latest trends in Mathematics assessment and evaluation
- CLO 6: Leverage digital resources for Mathematics education
- CLO 7: Cultivate a research-oriented attitude
- CLO 8: Develop a positive and professional attitude towards teaching Mathematics
- CLO 9: Recognize the importance of Continuing Professional Development (CPD) in Mathematics education
- CLO 10: Explore opportunities for professional growth and development

SPECIALISATION ELECTIVE COURSE ED820407 - ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SCIENCE EDUCATION

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

- CLO 1: Understand the key features of Science Education
- CLO 2: Develop skills for curriculum design and material development
- CLO 3: Learn principles for selecting and organizing learning experiences
- CLO 4: Address issues in curriculum development
- CLO 5: Evaluate curricula using various validities
- CLO 6: Analyse innovative curricular efforts in India and abroad
- CLO 7: Understand the role of instructional materials and co-curricular activities
- CLO 8: Appreciate Constructivist approaches to science instruction
- CLO 9: Recognize the importance of assessment in teaching-learning
- CLO 10: Familiarize yourself with new trends in assessment
- CLO 11: Address equity, access, gender, and ethical issues in Science Education
- CLO 12: Understand In-service education and teacher training needs
- CLO 13: Evaluate In-service teacher education programs
- CLO 14: Reflect on teacher education concerns and problems
- CLO 15: Leverage ICT for teacher professional development

- CLO 16: Promote inclusive practices and utilize existing resources
- CLO 17: Create conducive teaching-learning environments
- CLO 18: Apply research findings to improve Science Education practices

**SPECIALISATION ELECTIVE COURSE ED820408 – ADVANCED METHODOLOGY AND
PEDAGOGICAL P RACTICES OF SOCIAL SCIENCE EDUCATION**

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

- Understand the concept and significance of Social Science in education
- CLO 1: Recognize the aims and objectives of teaching Social Science
- CLO 2: Master principles and techniques of organizing Social Science curriculum
- CLO 3: Appreciate interdisciplinary approaches to teaching Social Science
- CLO 4: Consider psychological factors in Social Science instruction
- CLO 5: Apply modern instructional strategies and models
- CLO 6: Leverage technology in Social Science education
- CLO 7: Identify and utilize various resources for teaching Social Science
- CLO 8: Develop assessment tools and interpret results
- CLO 9: Identify priority research areas in Social Science education
- CLO 10: Gain practical experience to become an effective Social Science teacher educator

**SPECIALISATION ELECTIVE COURSE ED 820409 - ADVANCED METHODOLOGY AND
PEDAGOGICAL PRACTICES OF COMMERCE EDUCATION**

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

- CLO 1: Develop into a professional Commerce teacher
- CLO 2: Understand the aims and objectives of teaching Commerce
- CLO 3: Explore various instructional approaches, techniques and methods
- CLO 4: Apply effective instructional practices and models
- CLO 5: Design and organize Commerce curriculum using principles and approaches
- CLO 6: Acquire skills for effective teaching in Commerce
- CLO 7: Familiarize yourself with feedback mechanisms and online assessment tools
- CLO 8: Understand techno-pedagogy and the teacher's role
- CLO 9: Enhance teaching competence with techno-pedagogical content knowledge

CLO 10: Stay updated on recent research trends in Commerce education

PRACTICAL COURSE – CORE ED010403:

Field Internship in Secondary and Senior Secondary Schools, Secondary Teacher Education Institution, & Field Site relevant to Cluster C -Thematic **Cluster C– Advanced Methodology and Pedagogical Practices of Optional Subjects in Secondary and Senior Secondary Education** (one Course from Thematic Cluster C shall be opted)

Upon completing the Field Internship component of the Master of Education (M.Ed.) programme, student teachers will be able to:

CLO 1: Apply theoretical knowledge in real-world secondary and senior secondary school settings

CLO 2: Develop practical skills in teaching, learning and assessment

CLO 3: Demonstrate understanding of adolescent development and learning needs

CLO 4: Show increased ability to plan and deliver effective lessons

CLO 5: Develop skills in classroom management and organization

CLO 6: Demonstrate understanding of school culture and community engagement

CLO 7: Observe and analyze teacher education programs and practices in secondary teacher education institutions

CLO 8: Develop understanding of teacher training and development processes

CLO 9: Apply knowledge of educational policy and curriculum frameworks

CLO 10: Demonstrate skills in mentoring and coaching student teachers

CLO 11: Show increased awareness of diverse learning needs and inclusive practices

ED010404 VIVA VOCE COMPREHENSIVE

Upon completing the Comprehensive Viva component of the Master of Education (M.Ed.) programme, student teachers will be able to:

CLO 1: Demonstrate comprehensive knowledge and understanding of their area of specialization

CLO 2: Apply critical thinking and problem-solving skills to address complex educational issues

CLO 3: Show increased ability to articulate and defend their research and scholarly work

CLO 4: Demonstrate expertise in communicating complex ideas and concepts clearly and concisely

CLO 5: Show increased confidence in their ability to engage in academic discourse and debate

CLO 6: Demonstrate understanding of the implications of their research for educational practice and policy

CLO 7: Show increased ability to think creatively and innovatively about educational problems

CLO 8: Demonstrate expertise in using evidence-based research to inform educational decision-making

CLO 9: Show increased ability to engage in reflective practice and continuous professional development