DEPARTMENT OF EDUCATION – OUTCOME FRAMEWORK (NEP)

A. Programme Outcomes (PO)

- To prepare the students for a career in Education.
- To prepare students for higher education and Research in Education.
- To develop a conceptual understanding of the subject and to develop an inquisitiveness in the subject.
- To enable the student to acquire the basic skills necessary to understand the subject and to master the skills required to handle the equipment used to learn the subject.
- To generally promote wider reading on the subject and allied interdisciplinary subjects.

B. Programme-specific Outcome (PSO)

- Develop foundational knowledge of educational psychology, philosophy, sociology, and history to understand the teaching–learning process.
- Apply appropriate pedagogical approaches, teaching methods, and lesson planning strategies for effective classroom instruction.
- Design and use valid assessment tools, interpret learning outcomes, and implement continuous and comprehensive evaluation.
- Integrate ICT tools and digital resources to enhance teaching, learning, assessment, and professional growth.
- Implement inclusive and equitable teaching practices to address the diverse needs of learners.
- Demonstrate professional ethics, leadership skills, and active engagement with school and community for educational improvement.

C. Course Outcome (CO)

Semester I

CC-I Philosophical Foundations of Education

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

- To understand the philosophical foundation of education as a discipline under the faculty of the Liberal Arts and Social Science.
- To understand various schools of thought, to develop the ability to distinguish one from the other, and to critically analyze each school of thought.
- To understand the basic Indian schools of thought.
- To develop the ability to relate the philosophical foundation to educational practices.

CC-II Psychological Foundations of Education

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

- Understand the concept of educational psychology
- Know different methods of educational psychology to understand learners

➢ Explain the different stages of growth and development

Semester II

CC-III Sociology of Education

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

➢ Know the concept of educational sociology with its nature, scope and importance.
➢ Understand the social process
➢ Analysis the functions of different agencies of education for socialization of children.
➢ Describe the role of different agencies of education
➢ Find out the linkage between education and modernization
➢ Understand the concept of equality and equality

CC-IV Pedagogical Perspectives in Education

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

➢ Understand the concept of pedagogy.
➢ Explain different teaching Strategies.
➢ Find out the relationship between teaching and learning.
➢ Enlist different approaches and methods of teaching.
➢ Know the core teaching skills.
➢ Prepare lesson plans following different designs.

Semester III

CC-V Assessment and Evaluation in Education

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

➢ Understand the meaning of assessment and evaluation
➢ Know different types of evaluation
➢ Explain the scales of measurement
➢ State the taxonomy of instructional learning objectives
➢ Describe the characteristics of Good test
➢ Analyze the principles of construction of tests

CC-VI Historical Bases of Indian Education

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

➢ Understand the features of education during Vedic period.
➢ Know the relevance of Gurukal system.
➢ Enlist the features of education during medival period.
➢ Conceptualize the charter's Act (1813), Maculay's minute (1835) and other reports.
➢ Analyse the recommendations of committees and commissions in post-independence period.

CC-VII Educational Thinkers of Modern India

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

➢ Gain insight into the fundamental ideologies of Indian philosophers.
➢ Develop understanding about the educational significance of philosophical ideas of Indian thinkers.
➢ Compare and contrast educational philosophies of modern Indian thinkers.
➢ Critically examine the contributions of great philosophers to the field of education.
➢ Relate Indian philosophy to present system of education.
➢ Appreciate and adopt philosophies of education in life.

Semester IV

CC-VIII Early Childhood Care and Education (ECCE)

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

➢ Describe need and importance of early childhood care and education
➢ State different policies, programmes and curriculum frameworks on ECCE
➢ Critically analyse the relevance of different methods and strategies of planning and management of ECCE
➢ Explain role of teacher in collaboration with school and community
➢ Reflect on different models and strategies of professional development of teachers at foundational stage
➢ Prepare exemplar holistic report card for children at ECCE

CC-IX Trends, Policies and Practices in Education

Understand the importance of Pre-School and Elementary education.

➢ Analyze various problems and ensuring quality education.
➢ Point Out the role of SMC for Education.
➢ State the importance of secondary education.
➢ Enlist the importance of Higher Education.
➢ Know the emerging concerns of Indian Education.
➢ Elaborate life skill concept.

CC-X ICT in Education

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

➢ Understand the concept of educational technology and ICT in education
➢ Explain the concept, nature, and scope of ICT in Education.
➢ Explain the relationship between information technology, communication technology and information and communication technology.
➢ Describe the importance of the Free and Open-Source software in education
➢ Demonstrate the use of various application software in education.
➢ Develop the ability to use various tools connect the world.
➢ Explore tools and techniques of ICT for assessment and evaluation.

- Understand the ethical, social and legal issues of ICT in education
- Appreciate the various policy and practice of technology in education

Semester IV

Core XI- Pedagogy of Odia

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

- State the importance and place of Odia as mother tongue in school curriculum.
- Develop the strategies to address the problems of Odia language acquisition in multilingual context.
- Use various strategies for facilitating the acquisition of language skills in Odia.
- Decide appropriate pedagogic approaches to transact different types of lessons in Odia.
- Prepare appropriate tools for comprehensive assessment of learning in Odia.
- Explain the fundamentals of Odia linguistics and their relevance in teaching learning Odia.
- Plan appropriate pedagogic treatment of the prescribed textual contents (in Odia) of classes IX and X.

Core XI- Pedagogy of English

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

- State the importance and place of Odia as mother tongue in school curriculum.
- Develop the strategies to address the problems of Odia language acquisition in multilingual context.
- Use various strategies for facilitating the acquisition of language skills in Odia.
- Decide appropriate pedagogic approaches to transact different types of lessons in Odia.
- Prepare appropriate tools for comprehensive assessment of learning in Odia.
- Explain the fundamentals of Odia linguistics and their relevance in teaching learning Odia.
- Plan appropriate pedagogic treatment of the prescribed textual contents (in Odia) of classes IX and X.

Core XII Pedagogy of Social Science (History, Political Science and Geography)

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

- State the meaning, scope and importance of Social Studies.
- Specify the skills and competencies to formulate specific learning outcomes for Social Studies.
- Identify the different methods and skills of teaching History, Political Science and Geography for transacting the content effectively.
- Explain the importance of time sense and prepare timeline for teaching History.
- Prepare unit plans and lesson plans in History, Political Science and Geography.

Core XII Pedagogy of Mathematics

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

➢ Narrate the evolution and nature of Mathematics and its importance in the school curriculum in the context of the recent curricular reforms.
➢ Use various methods and approaches of teaching and learning mathematics especially suitable for the secondary school classes.
➢ Plan lessons in Mathematics using traditional and constructivist approaches for effective classroom transactions.
➢ Develop and collect activities and resource materials for their use in enhancing the quality of learning Mathematics at the secondary level.
➢ Conduct continuous and comprehensive assessment for enhancing the quality of Mathematics learning.
➢ Explain the concepts in Mathematics included in the secondary school curriculum and make pedagogical analysis of those concepts

Semester- VI

Core XIV Knowledge and Curriculum

On completion of this course, the student-teachers will be able:

➢ State and explain the nature of knowledge
➢ Describe the process of constructing knowledge
➢ Differentiate different types of curriculum
➢ Explain the processes and principles of curriculum planning and development
➢ Elaborate the transaction, evaluation and renewal processes of curriculum.

Core XV Community Engagement and Services

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

➢ Understand the concept of community engagement.
➢ State the relationship between educational institution and community linkage.
➢ Critically reflect on community participation and mobilization activities under Samagra Siksha.
➢ Prepare a field engagement report based on planning and follow up activities.
➢ Elaborate Sustainable Development Goals with examples.

Semester-VII

Core XVI Educational Management and Leadership

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

➢ Understand the concept of Educational Administration, Management and Leadership.
➢ Describe the functions of Educational Administration, Management and Leadership.

- List down various types of Educational Administration.
- Elaborate the principles of Educational Management.
- Explain the functions of National and State level Educational bodies.
- Highlight the role of Head Master as leader.

Core XVII Fundamentals of Educational Research

On completion of the course, the students shall be able to:

- Understand fundamentals of research, including identifying a problem, preparing a synopsis, designing methodology, and analyze data.
- Differentiate basic, applied, and action research, and elucidate their roles in shaping education.
- Acquire proficiency in developing and employing different quantitative as well as qualitative research tools for the collection of data.
- Carry out research with scientific methods.

Core XVIII Statistics in Education

On completion of the course, the students shall be able to:

- Describe the importance of Statistics.
- Organise and represent educational data.
- Compute various statistical measures and use the measures for solution of problems.
- Describe the concept and importance of Normal Probability Curve.
- Understand the divergence of data from normality.

Core XIX Guidance and Counselling in Education

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

- Describe the concept, nature and purpose of guidance and counselling.
- Understand the techniques and theories of counselling.
- Identify the concept and technique of group and individual guidance.
- Develop skills for guidance and counselling in secondary schools.

Semester VIII

Core XX Art and Craft Education

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

- Define arts education and craft education.
- Differentiate different forms of art education.
- Develop aesthetic sensibility among learners about the environment, including
- classroom, school, home and community through an integrated learning approach.
- Develop a perspective and appreciation of art, nature, and human existence relationship.
- Develop awareness about the rich cultural heritage of their own locality/state/region

➤ as well as that of the nation.

Core XXI Inclusive Education

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

➤ Define the meaning and scope of inclusive education.
➤ Identify the assumptions of disability underlying current general and Special education practices.
➤ Understand the various suggestions given by different recent commissions on the education of children with disabilities for realizing the Concept of "Universalization of Education".
➤ Explore and utilize pedagogical approaches that can support students with a variety of learning profiles in respectful ways.
➤ Explain the meaning and implications of universal design in learning (UDL) for
➤ classroom pedagogy.
➤ Examine the different support services and collaboration for inclusive education.

Core XXII Teacher Education

On completion of the course, the students will be able to;

➤ Explain the concept, aims, and objectives of teacher education at different levels.
➤ Narrate pre-service and in-service teacher education programmes at different stages
➤ Describe the function of the institutions and agencies of teacher education.
➤ Describe the approaches to teacher education and teachers' capacity building programmes.
➤ Justify teaching as a profession and the code of professional ethics of teachers and teacher educators.
➤ Understand the problems and recent trends in teacher education.

Core XXIII Computer applications in teaching learning

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

➤ Learn basis of Basics of MS Windows.
➤ Demonstrate basic understanding of computer applications with reference to MS
➤ Windows, MS excel and MS PowerPoint.
➤ Generate spread sheets, charts and presentations.
➤ Design personal, academic and business documents using MS Office.
➤ Model the modes of development of self-learning materials and prepare differenttypes of instructional material.
➤ Explain different OERs, MOOCs available for effective learning.
➤ Develop learners' e-portfolios.
➤ Classify various e-resources for effective learning.
➤ Describe the concept of artificial intelligence and its applications in teaching learning.
➤ Determine similarity index of the various documents like dissertations, theses etc.