PROGRAME OUTCOMES (POS) Education Graduates will be able to:

PO 1- Understand nature of education and pedagogic processes through enriched experiences

PO 2- Contribute to fill up the gap between theory and practice by dovetailing both appropriately. PO 3- Interactive processes wherein group reflection, critical thinking and Meaning making will be encouraged

PO 4- Understand various educational issues in the context of diverse socio cultural & Multilingual Indian Society

PO5- Enable them to face the challenging of social, political and technological issues.

PO6- Understand the nature, purpose, influencing factors and problems of secondary education in contemporary issues

PO 7- Describe teaching learning process in the classroom and various factors that influence it.

PO 8- understands various level learners, their needs, and interest and peculiar problems and motivate them for learning.

PO9 -Plan and organize classroom through learners centred techniques of instruction for inclusive education & effective whole classroom instruction.

PO10 -Conduct Pedagogical content analysis in subject areas and use it for facilitating learning in the classroom.

Program Specific Outcomes (PSOs)

At the end of the program, the student:

PSO1. Should be able to clearly understand the concepts and applications in the field of Communication/networking, signal processing, embedded systems and semiconductor technology

PSO2. Should be able to associate the learning from the courses related to Microelectronics, Signal processing, Microcomputers, Embedded and Communication Systems to arrive at solutions to real world problems.

PSO3. Should have the capability to comprehend the technological advancements in the usage of modern design tools to analyze and design subsystems/processes for a variety of applications.

PSO4. Should posses the skills to communicate in both oral and written forms, the work already done and the future plans with necessary road maps, demonstrating the practice of professional ethics and the concerns for societal and environmental wellbeing.

Course outcomes of BA Education

Semester	Course	Course outcomes
Sem-1	Core-1	- Explain the meaning of education, aims of Education. - Understand distinct features of branhes of Philosophy. - Understand of Indian schools of philosophy which includes samkhya, Vedanta, Buddhism, jainasim. - Get the in-depth knowledge of idealism, naturalism, pragmatism. - Explain the philosophy of Plato, Gopabandhu Das, Tagore, Aurobinda, Dewey.
	Core-2	- Explain the meaning, nature, scope of educational psychology. - Understand the difference between growth and development. - Describe the heredity and environment factor that affect child development and functioning. - Understand of learning theories which includes trial and error theory, operant conditioning theory, classical conditioning theory.
Sem-1	Core-3	- Explain basic concept in sociology of education and the historical development of the field. - Describe society, education and social institution. - Explain features of education as a social system. - Understand the importance of agency of education which includes family, school, society and mass-media. - Understand the concept of social change and factor affecting social change.
	Core-4	- Explain the meaning amnd definition of teaching and learning. - Understand the phases of teaching including pre-active phase, inter active phase, post active phase.

		- Develop and understanding of different teaching theories which include communication theory, gange's hierarchical theory, normative theory.
		- Explain the general principles of teaching.
		- Understand the core-teaching skills.
Sem-3	Core-5	- Explain the meaning and purpose of test.
		- Understand the scale of measurement.
		- Understand the approaches to evaluation.
		- Describe the taxonomy of instructional objective.
		- Explain the step of test construction.
		- Understand the characteristic of good test which includes validity, reliability, objectivity and usability.
	Core-6	- State the meaning, nature and scope of educational research.
		- Understand the types of research which includes fundamental research, applied research, action research, qualitative research, quantitative research.
		- Explain the step of research.
		- Understand the different method of research which include survey method, case-study method, experimental method, observation method.
		- Prepare the research proposal.
	Core-7	- Explain the meaning, nature, scope and uses of educational statistic.
		- Understand the concept, properties and application of normal probability curve.
		- Organize and represent educational data in tabular and graphical form.
		- Understand the graphical representation of data.
Sem-4	Core-8	- Explain the features of education during ancient period which includes Vedic period and Buddhist period.
		- Describe the relevance of Gurukul system.
		- Understand the features of education during medival period which includes Islamic education and Muslim education.
		- Explain the relevance of Medival period.

| | | - | Understand the education during Pre-independent period which includes charter's act 1813, wood's dispatch 1844, macula's minutes 1835, and Indian education commission 1882. |

	Core-9	-	Explain the concept of syllabus, course of study, text book and curriculum.
		-	Understand the different types of curriculum which includes subject centered curriculum, learner centered curriculum, experience centered curriculum.
		-	Explain the principles of curriculum construction.
		-	Understand the process of curriculum development.
		-	Explain the meaning and nature of curriculum evaluation.

	Core-10	-	Explain the meaning, nature and scope of guidance.
		-	Understand the case-study procedure in guidance.
		-	State the meaning, nature and scope of counseling.
		-	Understand the relationship between guidance and counseling.
		-	Describe the step and technique of counseling.

Sem-5	Core-11	-	Understand the history of primary education in odisha.
		-	Explain the problems and issues in elementary education.
		-	Understand the status of secondary education in odisha .
		-	Explain the role of BSE in odisha.
		-	Understand the status of higher education in odisha.
		-	State the problems and issues in teacher education.

	Core-12	-	Explain the meaning, nature and scope of educational technology.
		-	Understand the approaches to educational technology which includes hardware and software.
		-	Describe the relevance of ICT in education.

		- Explain the nature and scope of ICT in education.
		- Describe the importance of free and open source software in education.
	DSE-1(A)	- Explain the language policy in Indian with reference to NPE-1986.
		- Understand the place of English language as a compulsory subject in school curriculum.
		- Understand the different method and strategies of teaching English.
		- Explain the objective of English language.
		- Describe the technique of assessment in English which includes continuous assessment of learner performance in English.
	DSE-1(B)	- Understand the importance of mother tongue in the life and education of and individual.
		- Understand the three language formula.
		- Explain the problems and issues related to acquisition of Odia language in multi lingual context.
		- Describe the difference between traditional and modern method of teaching-learning in odia.
		- Explain the types of assessment which includes self-assessment, peer assessment, teacher assessment.
Sem-6	Core-13	- Understand the importance of pre-school and elementary school education.
		- State the importance of secondary education and analyze various problems and issues.
		- Justify the importance of teacher education.
		- Analyse emerging concerns in indian education.
	Core-14	- Describe the concept, type and importance of educational management.
		- Describe different aspects and importance of educational management.
		- Analyze the concept, principles and structure of total quality management approach.
		- Spell out the structure of educational management at different level.