

Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

Programme Outcomes (PO) and Programme Specific Outcomes (PSO)

BACHELOR OF EDUCATION (B.Ed.)

Programme Outcomes (PO)

At the end of the B.Ed., programme, the prospective teachers will acquire the ability to

- **PO1. Disciplinary Knowledge:** Apply the knowledge and principles of philosophical, psychological and sociological perspectives of education to solve the problems of the teaching-learning process and make it more effective.
- **PO2. Inclusive Environment:** Create an inclusive learning environment incorporating the key elements of inclusive education.
- **PO3.** Teaching skills: Use all the major skills of teaching in the classroom to enhance the learning of the students.
- **PO4.** Values: Incorporate the values of peace, justice, equality, and fraternity in their personal and professional life.
- **PO5**. **Interdisciplinary Capacity**: Employ interdisciplinary abilities like digital skills, skills of art and craft, metacognitive-mindfulness practices to recognize and develop the values and virtues related to the teaching profession.
- **PO6.** Sustainable Practices: Incorporate eco-friendly and sustainable approaches to encourage environmentally responsible behaviour among the learners.

Programme Specific Outcomes (PSO)

On completion of B.Ed. course, the prospective teachers will be able to accomplish the following in their professional life

- **PSO1.** Foundation of Education: Apply the principles of philosophical and social foundations of education to the educational process such as framing the aims and objectives of teaching and designing the curriculum
- **PSO2**. **Psychology of Learners:** Use the principles of child psychology for understanding the diverse needs of the students and using the appropriate teaching strategy to facilitate their learning
- **PSO3**. **Pedagogical Knowledge**: Employ pedagogical knowledge and skills for enhancing the teaching-learning process and overcoming classroom challenges.



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

- **PSO4.** Innovative Pedagogy: Use innovative learner-directed pedagogical strategies like collaborative, blended, flipped learning for effective transaction of the content.
- **PSO5.** Classroom Management: Manage classroom discipline by engaging learners in experiential learning activities and providing a conducive learning environment.
- **PSO6.** Evaluation: Design formative, summative and diagnostic evaluation tools to assess the different aspects of learning and bring improvement in the teaching and learning process.
- **PSO7.** Ethical Principles: Develop individual and universal ethical principles and values among themselves and their learners.
- **PSO8.** Communication Skills: Employ effective communication skills to understand and transact curriculum according to the needs of diverse learners.
- **PSO9.** Gender Equity: Apply gender-sensitive approaches to ensure gender equity in the classroom.
- **PSO10.** Mental Health: Ensure the overall well-being of the learners by applying and practicing the principles of mental health and hygiene

Spy



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

SEMESTER WISE COURSE OUTCOMES (COs) of BACHELOR OF EDUCATION (B.Ed.) SEMESTER-I

BCC-1: Childhood and Growing up

CO₁ To develop understanding about children of different age groups through close observation and interaction with children from diverse socioeconomic and cultural background. To enable student-teachers to arrive at an understanding of how different CO₂ : socio, economic, cultural, political relation construct different childhood and community. To enable student-teachers to understand theories of child development and CO₃ : crucial aspects from the construct of childhood that has political, social and cultural dimensions. CO₄ To enable student-teachers to establish rapport with children using various activities CO₅ To interpose the impact of gender, caste and social class on lived experience of children.

		BCC-2: Contemporary India and Education
CO1	:	To understand the concept and aims of Education.
CO2	, :	To understand the social realities of Indian society and its impact on Education.
CO4	1 .	To understand the concept of social change and social transformation in relation to Education.
CO5	:	To comprehend different values enshrined in the Constitution of India and its impact on Education.
CO6	· []	To identify the contemporary issues in education and its educational implications.
CO7	* ;	To understand the Historical developments and policy frameworks for Public Education in India.
CO8	:	To get acquainted with the current development in universalizing secondary education in India.



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

BCC-4: Language Across Curriculum

CO1 : To enable them to understand students' language background and know how

oral and written language can be used in the classroom to ensure optimal

learning of the subject area.

CO2 : To be familiar with theoretical issues, and to develop competence in

analyzing current school practices and coming up with appropriate

alternatives.

CO3 : To understand the different roles of language.

CO4 : To create sensitivity to the language diversity that exists in the classrooms.

CO5 : To understand multilingualism in the classroom.

CO6 : To focus on improving language proficiency in all subjects in order to

enhance students' learning and learning outcome.

BCC-5: Understanding Disciplines and Subjects

CO1 : To understand the basic premises of school subjects/ academic

disciplines.

CO2 : To understand the need for classification of human knowledge.

CO3 : To acquaint with the required basic competencies for effective

transaction of knowledge.

CO4 : To enhance the knowledge of the academic discipline.

CO5 : To explain the importance of research and action research.

CO6 : To develop familiarity with the concept of Interdisciplinary learning.

BEPC - 3: Critical Understanding of ICT

CO1 : To acquaint with ICT and its application in Education.

CO2 : To identify and demonstrate an understanding of the basic components of the

computer and its accessories and its use.

CO3 : To familiarize with different essential software and mobile application

useful in teaching and learning.





Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO4 : To use word processor, spread sheet, drawing and presentation

software skillfully and intelligently to produce various teaching learning

resources for educational use.

CO5 : To use internet and Web technologies efficiently to access remote

information, communicate and collaborate with others.

CO6 : To explore different evolving domains of digital platforms for individual

and group learning.

SEMESTER-II

BCC - 3: Learning and Teaching

CO1 : To reflect on their own implicit understanding of the nature and kinds of

learning.

CO2 : To gain an understanding of different theoretical perspectives of learning.

CO3 : To develop familiarity with the process of learning and the ways of

facilitating meaningful learning in and out of the school.

CO4 : To employ the processes of teaching and managing classroom situations for

meaningful learning.

CO5 : To understand the concept of Personality, Intelligence and Mental health of a

person.

PS-7A-1: Pedagogy of English

CO1 : To know the history of English language teaching.

CO2 : To understand the nature and characteristics of English.

CO3 : To know the principles of language learning.

CO4 : To acquire the skills needed for mastering English.

CO5 : To get some insight into different types of aims and objectives of teaching

English.

CO6 : To understand the various method(s) and approach (es) for teaching English.

المجاز



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO7 : To prepare lesson plans based upon different skills of teaching in English.

CO8 : To get familiar with the innovation in the field of English teaching methods.

CO9 : To understand the importance of teaching grammar.

PS-7A-2: हिन्दी का शिक्षण शास्त्र

CO1 : हिन्दी भाषा की प्रकृति, विशेषताओं तथा महत्त्व से अवगत कराना ।

CO2 : मातृ भाषा के रूप में हिन्दी शिक्षण के उद्देश्यों की जानकारी देना ।

CO3 : सफल हिन्दी शिक्षण हेतु विभिन्न उपागमों की योजना तैयार करना ।

CO4 : हिन्दी भाषा के विभिन्न साहित्यिक विधाओं का शिक्षण का ज्ञान प्रदान करना ।

CO5 : सूक्ष्म शिक्षण व विशिष्ट शिक्षण कौशल का अभ्यास कराना ।

CO6 : पाठ योजना निर्माण का अभ्यास कराना ।

PS-7A-3: Pedagogy of Science-I (Physical Science)

CO1 : To realize the importance of Physical Science teaching.

CO2 : To understand the aims and objectives of teaching Physical Sciences.

CO3 : To familiarize with the methods and approaches of teaching Physical Science

and use them effectively in classroom.

CO4 : To gain mastery over core teaching skills required for effective Physical

Science teaching.

CO5 : To select and organize content, plan instruction and ensure effective delivery.

PS-7A-4: Pedagogy of Science-II (Biological Sciences)

CO1 : To develop an understanding of the nature and place of Biological Science.

CO2 : To formulate instructional objectives in terms of behavioural outcomes.

CO3 : To understand the teaching methods, approaches and techniques for teaching.

CO4 : To analyze and evaluate biological science curriculum and science text

books.



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

PS-7A-5: Pedagogy of Mathematics

CO1		To understand and appreciate the importance and use of Mathematics in dail		
		life.		
CO2	:	To acquaint with the various approaches to teaching Mathematics and		
		practice them successfully.		
CO3	:	To familiarize with the methods in planning instruction for classroom.		
CO4	:	To appreciate and organize activities to develop ability in Mathematics.		

PS-7A-6: Pedagogy of Social Science-I (History and Civics)

		3 30
CO1	•	To understand the concept, nature and scope of Social Science (History and
		Civics).
CO2	•	To explain the aims and objectives of teaching History and Civics.
CO3	:	To apply appropriate methods, principles, maxims and skills of teaching
		History and Civics.
CO4	:	To emphasize the role of history in developing the national integration and
		international understanding.
CO5	:	To prepare lesson plans and unit plans.

PS-7A-7: Pedagogy of Social Science-II (Geography and Economics)

12 /11 / Teaugogy of Social Science II (Geography and Economics)					
CO1	· :	To understand concept, meaning and scope of Social Science (Geography			
		and Economics).			
CO2	:	To formulate instructional objectives in terms of behavioural outcomes.			
CO3	•	To get acquainted with appropriate methods, principles, maxims and skills of			
		teaching Geography and Economics.			
CO4	•	To gain mastery over core teaching skills required for effective Geography			
		and Economics teaching.			
CO5	*	To prepare unit plan and lesson plan.			
CO6	:	To develop attitudes to become competent and committed Commerce			
		teacher.			
CO7	:	To analyze and evaluate Geography and Economics textbooks.			



Digha Ghat P.O., Patna - 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

E-mail: sxcepatna@gmail.com Phone: +91 0612 2567153, 6201161517 www.sxcepatna.edu.in Affiliated to Aryabhatta Knowledge University, Patna

BCC - 9: Assessment for Learning

To understand the nature of assessment and evaluation and their role in CO₁ teaching-learning process. To explain the perspectives of different schools of learning-on-learning CO2 assessment CO₃ To analyze the need for school based and authentic assessment To examine the contextual roles of different forms of assessment in schools CO₄ To understand the different dimensions of learning and the related assessment CO₅ procedures, tools and techniques To develop assessment tasks and tools to assess learners' performance CO6 To analyse the reporting procedures of learners' performance in schools CO7 To examine the issues and concerns of assessment and evaluation practices in CO8 schools To familiarize with the policy perspectives on examinations and evaluation CO9 and their implementation practices **BEPC - 1: Reading and Reflecting on Texts** To read a wide variety of texts, including empirical, conceptual and CO₁

historical, work, policy, documents, studies about school, teaching, learning and about different people's experience of all of these. CO₂ To become conscious of their own thinking process as they grapple with

diverse texts.

CO₃ To enhance their capacities as readers and writers by becoming participants

in the process of reading.

To engage with the reading interactively, individually and in small groups. CO₄

To make predictions, check their predictions, answer, questions and then CO₅

summarize or retail what they have read.

BEPC-2: Drama and Art in Education

To understand the concept of Drama and its relevance for Education CO₁

To extend awareness through multiple perspectives, to look at reality through CO₂

fantasy;





Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO3 : To live or relive moments and evoke or even recreate situations;

CO4 : To understand visual arts and crafts with their relevance for Education

CO5 : To understand the medium, in order to transpose learners into different time

and space, to shape their consciousness through introspection and collective

experiences

SEMESTER-III

PS-7B-1: Pedagogy of English

CO1 : To develop the skills needed for mastering English.

CO2 : To develop techniques for the purpose of analysizing prose and poetry.

CO3 : To learn some of the literary devices which are used commonly in prose and

poetry.

CO4 : To understand the importance of teaching grammar.

CO5 : To develop awareness about Language Labs.

CO6 : To get acquainted with the Constitutional provisions and Policies of

Language Education.

CO7 : To understand the techniques for getting feedback, self-evaluation and

evaluation.

PC-7B-2: हिन्दी का शिक्षण शास्त्र

CO1 : भाषा अध्यापन के सूत्र और सिद्धांतो का परिचय देना ।

CO2 : विभिन्न भाषा कौशलों का महत्त्व, दोष एवं विकास की समझ उत्पन्न करना ।

CO3 : भाषा शिक्षण में बहु आयामी बुद्धिमत्ता का उपयोग करना ।

CO4 : हिन्दी भाषा शिक्षण में उपयोगी शिक्षण सहायक सामाग्रियाँ तथा अन्य उपलब्ध सामाग्रियाँ

का प्रयोग करना ।

CO5 : हिन्दी भाषा के उपयोग तथा सीखने में छात्रों का मूल्यांकन तथा आत्म-मूल्यांकन की

युक्तियाँ का प्रयोग करना।



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

PS-7B -3:	Pedagogy	Of Science-I	(Physical Science)
			,

CO1 : To realize the importance of Physical Science teaching.

CO2 : To acquire competence in the content prescribed in Secondary and Senior

Secondary schools.

CO3 : To develop the skill in preparing and using effective teaching learning

materials in physical Science

CO4 : To understand the qualities of a Physical Science Teacher.

CO5 : To understand the application of appropriate Evaluation Techniques in

Physical Science

PS-7B -4: Pedagogy of Science-II (Biological Sciences)

CO1 : To acquire competence in the content prescribed in Secondary and Senior

Secondary schools.

CO2 : To familiarize with the teaching approaches, methods and techniques for

teaching.

CO3 : To use appropriate educational technology and develop low-cost teaching

materials.

CO4 : To develop skills in organizing curriculum activities such as science clubs,

science fair, science exhibition and field trips.

CO5 : To understand the application of appropriate Evaluation Techniques in

Biological Science.

PS-7B-5: Pedagogy of Mathematics

CO1 : To understand and appreciate the importance and use of Mathematics in daily

life.

CO2 : To acquaint with the methods in planning instruction for classroom.

CO3 : To appreciate and organize activities to develop ability in Mathematics.

CO4 : To obtain feedback both about teaching as well as students' learning.

PS-7B -6: Pedagogy of Social Science-I (History and Civics)

CO1 : To acquire competence in the content prescribed in Secondary and Senior

Secondary schools.





Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO2 : To emphasize the role of History in developing the National Integration and

International understanding.

CO3 : To develop the skills in preparing and using of Instructional Aids.

CO4 : To familiarize with the major concerns in History and Civics Education in

School

CO5 : To acquire knowledge of various evaluation procedure and to device

effective evaluation tools

PS-7B -7: Pedagogy of social Science-II (Geography and Economics)

CO1 : To acquire competence in the content prescribed in Secondary and Senior

Secondary schools

CO2 : To develop the skills in preparing and using effective instructional aids

CO3 : To familiarize with the major concerns in Geography and Economics

education in school

CO4 : To develop skills in organizing curriculum activities such as Field Visit, Lab

Work, Seminars and Projects

CO5 : To acquire knowledge of various evaluation procedure and to device

effective evaluation tools

BCC - 10: Creating an Inclusive School

CO1 : To familiarize with the concept of contemporary Indian Schooling.

CO2 : To understand the perspectives of different types of schools setting.

CO3 : To get acquainted with Inequality in schooling.

CO4 : To get acquainted with the nature and characteristics of Inclusive system of

Education.

CO5 : To gain knowledge on Policy and legislative frameworks promoting

inclusion.

CO6 : To understand the need and demands of Students with Diverse Needs.

CO7 : To develop the idea about creating a conducive environment in an inclusive

school.

Jest



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

BEPC-4: Understanding Self

CO1 : To help student- teachers to discover and develop open-mindedness, the

attitude of a self-motivated learner, having self-knowledge and self-

restraint.

CO2 : To develop sensitivity, sound communication skills and ways to establish

peace and harmony.

CO3 : To develop the capacity to facilitate personal growth and social skills in

their own students

SEMESTER-IV

BCC - 6: Gender, School and Society

CO1 : To understand the gender roles in society, through a variety of institution

such as the family, caste, religion, culture, media and popular culture (films,

advertisement, songs) law and the state.

CO2 : To understand how socialization impacts gender roles in society.

CO3 : To examine the role of schools, peers, teachers, curriculum and textbooks. in

challenging gender inequalities or reinforcing gender parity.

CO4 : To help rethink beliefs on gender bias and subjects.

CO5 : To formulate positive notions of sexuality and related concerns among young

people.

BCC - 8: Knowledge and Curriculum

CO1 : To understand different ways of knowing and the relative roles of knower

and known in knowledge transmission and construction.

CO2 : To understand the meaning of curriculum and its associated concepts.

CO3 : To analyze the elements, organization, scope, various perspectives, needs,

priorities and curriculum concerns.

CO4 : To familiarize with the different approaches and process of curriculum

development.

CO5 : To critically appraise the contributions of great educational thinkers to

education.



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO6 : To acquire knowledge about the concept of value and its different types.

CO7 : To expose students towards value education.

OC 1.1: Basic Education

CO1 : To understand the Gandhian philosophy of life.

CO2 : To get acquainted with the Basic Education system.

CO3 : To develop familiarity with the policy perspectives related to Basic

Education.

CO4 : To analyse the principles of correlation in Basic Education and its

pedagogical aspects.

CO5 : To develop understanding of the nature of assessment in the curriculum of

Basic Education.

CO6 : To get acquainted with the role and expectations of teachers for Basic

Education.

OC 1.2: Health, Yoga and Physical Education

CO1 : To understand the concept of holistic health, its various dimensions and

determinants.

CO2 : To develop positive attitude towards health, physical education and yoga as

an individual.

CO3 : To sensitise, motivate and help them to acquire the skills for physical fitness,

learn correct postural habits and activities for its development.

CO4 : To develop organisation skills in organising inter house tournaments and

sports meet.

CO5 : To understand the need and relevance of Yoga and develop the skills in

yogic practices.

CO6 : To create interest for the practice of yogasanas and meditations.

CO7 : To understand various policies and programmes related to health, physical

education and yoga.



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

OC 1.3: Guidance and Counselling

CO1 : To understand and appreciate the nature, purpose and need for guidance and

counselling.

CO2 : To understand the concept and importance of career development.

CO3 : To understand the importance of making right choice in life.

CO4 : To develop competencies to help students resolve their social, emotional,

academic and career problems.

CO5 : To develop capacity of applying the techniques and procedures of guidance

and counselling.

CO6 : To understand the process of organizing of guidance services in schools.

CO7 : To familiarize the responsibilities and moral obligation of a Counsellor.

CO8 : To become aware of the importance of Inclusive Learning Environment in

school.

OC 1.4: Environmental Education

CO1 : To understand and reflect on the concept and characteristics of

Environmental Education from various aspects

CO2 : To develop awareness, understanding and concern about environment and

associated problems.

CO3 : To learn about the environment, through the environment and for the

environment

CO4 : To develop special skills needed to link theoretical understanding with

practical/applied aspects.

OC - 1.5: Understanding School Management and Leadership

CO1 : To develop a critical understanding of the notion of school organization.

CO2 : To develop a comprehensive understanding of context-specific notions of

school effectiveness.

CO3 : To develop an understanding of school leadership and challenges to

management.

CO4 : To develop a critical understanding of the notion of school management.

Sy



Digha Ghat P.O., Patna – 800 011, Bihar, India NAAC Accredited with 'A' Grade (3rd cycle)

www.sxcepatna.edu.in E-mail: sxcepatna@gmail.com Phone : +91 0612 2567153, 6201161517

Affiliated to Aryabhatta Knowledge University, Patna

CO5 : To develop an understanding of the system of education, its relationship with

school curriculum management in the context of the structures and processes

of the education system and its impact on pedagogic processes in the

classroom.

CO6 : To get acquainted with the planning mechanism in school management.

CO7 : To explain the role of school records in effective management system.

Principal
St. Xavier's College of Education
(Autonomous)
Digha Ghat, Patna-11

y · · · · ·