

Program: Bachelor of Education (B.Ed.)

Program Learning Outcomes

Course Learning Outcomes

PROGRAMME LEARNING OUTCOMES (PLOs)

B.Ed. Graduates will be able to:

- PLO 1:- Understand nature of education and pedagogic processes through enriched experiences
- PLO 2:- Contribute to fill up the gap between theory and practice by dovetailing both appropriately.
- PLO 3:- Interactive processes wherein group reflection, critical thinking and meaning making will be encouraged.
- PLO 4:- Understand various educational issues in the context of diverse socio cultural & Multilingual Indian Society.
- PLO 5:- Enable them to face the challenge of social, political and technological issues.
- PLO 6:- Understand the nature, purpose, influencing factors and problems of secondary education in contemporary issues
- PLO 7:- Describe teaching learning process in the classroom and various factors that influence it.
- PLO 8:- Understand various level of learners, their needs and interests and peculiar problems and motivate them for learning.
- PLO 9:- Plan and organize classroom through learners centered techniques of instruction for inclusive education & effective whole classroom instruction.
- PLO 10:- Conduct Pedagogical content analysis in subject areas and use it for facilitating learning in the classroom.
- PLO 11:- Effective use and utilization of Information Communication Technology resources online as well as offline for day-to-day classroom teaching and remedial instruction.
- PLO 12: To develop problem solving ability through action research.
- PLO 13:- Build skills and abilities of communication, reflections, self-expression and ICT.
- PLO:-14 Develop understanding about teaching, pedagogy, school management and community involvement.
- PLO 15:- Comprehend the role of the systems of governance and structural – functional provisions that support school education

COURSE LEARNING OUTCOMES

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year course "Childhood and Growing Up" (CC-1):

1. Define and analyse the stages of childhood and their impact on later life development.
2. Understand and evaluate the key physical, emotional, and social changes during adolescence.
3. Examine the process of socialization and its influence on the context of the learner.
4. Recognize and understand the diverse individual differences among learners and their implications for learning.
5. Assess the factors influencing learner identity development and its role in the learning process.

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year course-2 "Contemporary India and Education":

- 1 Understand the key concepts, objectives, and aims of education in the context of contemporary India.
- 2 Analyses the normative vision of Indian education and its impact on educational policies and practices.
- 3 Critically examine the philosophical foundations of education and their relevance to modern educational systems.
- 4 Evaluate the contributions of key educational thinkers and their influence on contemporary educational thought.
- 5 Identify and address the current concerns and issues in the Indian schooling system and propose solutions for educational improvement.

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year course-3 "Learning and Teaching":

- 1 Demonstrate an understanding of the nature, types, and strategies of learning.
- 2 Analyses the factors affecting learning and apply techniques for managing the learning process.
- 3 Examine the role of teachers and the concept of effective teaching in the learning process.
- 4 Design and implement effective lesson planning for teaching based on educational principles.
- 5 Develop and apply essential teaching skills and strategies to enhance student engagement and learning outcomes.

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year course-4 "language across the curriculum":

1. Analyse the role of language in shaping the learner's cognitive and social development.
- 2 Evaluate the integration of language across various subjects in the school curriculum.
- 3 Examine the constitutional provisions and policies that influence language education in India.
- 4 Investigate the impact of language diversity on classroom learning and teaching practices.
- 5 Critically assess the strategies for promoting multilingualism in the educational context.

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year C-5 course, "Understanding Disciplines and Subjects":

- 1 Demonstrate a basic understanding of the concepts of disciplines and subjects in the context of education.
- 2 Identify the key competencies required for the advancement of various disciplines and subjects in the curriculum.
- 3 Analyse the role of interdisciplinary learning in fostering comprehensive educational growth.
- 4 Examine the challenges and issues related to integrating interdisciplinary approaches within the educational system.
- 5 Apply strategies to enhance the development and integration of subjects and disciplines in teaching practices.

Course Learning Outcomes (CLOs) for the B.Ed. 1st-year ,C-6 (Gender, School and Society)

- 1 Understand and critically analyse the concept of gender and its relevance in contemporary educational contexts.
- 2 Examine the relationship between gender, power, and education, and their impact on teaching and learning.
- 3 Identify and evaluate gender biases in educational curricula and their effects on students' development.
- 4 Analyse gender-based issues in schools and propose strategies for creating an inclusive and equitable educational environment.
- 5 Reflect on how gender norms and stereotypes influence educational policies and practices in different societies.

B.Ed. C- 105: EPC-1.Reading and Reflecting on Text

Course outcomes: After completion of the course, student-teachers will be able to:-

- 1 To develop cognitive awareness to become conscious of their own thinking processes and go through with diverse texts.
- 2 To enhance their capabilities as readers and writers by becoming participants in the process of reading.
- 3 To engage themselves with the readings interactively – individually and in small groups.
- 4 To avail opportunities to write with a sense of purpose and audience, through tasks such as, responding to a text with one's own opinions or writing within the context of other's ideas.
- 5 It is also intended that the student teachers will develop a taste for and abilities in reading and making meaning of different kinds of texts. They will also learn to engage with ideas and appreciate that different kinds of writing are used to communicate these ideas in different context.
- 6 Overall, areas of language proficiency which are emphasized are those that will lay a foundation for their becoming self-learners, reflective and expressive teachers, and collaborative professionals.

B. Ed. TC 203/301-1: Pedagogy of School Subject (Part-I/II) Pedagogy of Language (English)

Course Outcomes: To enable the student teacher to:

- 1 To develop an understanding of the pedagogic challenges posed by the subject comprising of a broad disciplinary stream.
- 2 To describe the pedagogic needs of a subject within the stream chosen under Pedagogy, at all stages of secondary education.
- 3 To re-engage with the nuances of the discipline and its prevalent conceptualizations and practices.
- 4 Prepare lesson plans on different and prescribed aspects of English as second language.
- 5 Choose, prepare and use appropriate audio-visual teaching aids for effective teaching of English.
- 6 Use various techniques of testing English as second language and develop remedial and conduct teaching.

B. Ed. TC 203/301-2: Pedagogy of School Subject (Part-1/2) Pedagogy of Language (Hindi)

Course Outcomes: To enable the student teacher to :

- 1 भाषा संरचना में हिन्दी भाषा तत्वों का ज्ञान देना।
- 2 श्रवण, भाषण, वाचन एवं लेखन सम्बन्धी भाषायी कौशलों का ज्ञान देना।
- 3 हिन्दी भाषा शिक्षण प्रणालियों के उपयोग का ज्ञान देना।
- 4 हिन्दी की विद्याओं एवं उनके व्यावहारिक शिक्षक की संस्थितियों का ज्ञान देना।
- 5 हिन्दी भाषा शिक्षणमें दृश्य-श्रव्य उपकरणों के व्यावहारिक उपयोग का ज्ञान देना।
- 6 हिन्दी शिक्षण में मूल्यांकन के महत्व, मूल्यांकन की संस्थितियाँ व विद्याओं का ज्ञान देना।

B. Ed. TC 203/301-3: Pedagogy of School Subject (Part-1/2) Pedagogy of Language (Urdu)

Course Outcomes:

To enable the student teacher to :

- 1 Develop an understanding of the pedagogic challenges posed by the subject comprising of a broad disciplinary stream.
- 2 Describe the pedagogic needs of a subject within the stream chosen under Pedagogy, at all stages of secondary education.
- 3 Re-engage with the nuances of the discipline and its prevalent conceptualizations and practices.
- 4 To be able to develop creativity among learners.
- 5 Understand role and importance of translation.
- 6 To be able to examine authentic literary and non-literary texts and develop insight and appreciation.

B. Ed. TC 203/301-4: Pedagogy of School Subject (Part-1/2) Pedagogy of Language (Sanskrit)

Course Outcomes: To enable the student teacher to :

- 1 Develop an understanding of the pedagogic challenges posed by the subject comprising of a broad disciplinary stream.
- 2 Describe the pedagogic needs of a subject within the stream chosen under Pedagogy, at all stages of secondary education.
- 3 Re-engage with the nuances of the discipline and its prevalent conceptualizations and practices.
- 4 To be able to examine authentic literary and non-literary texts and develop insight and appreciation;
- 5 To understand the use of language in context, such as grammar and vocabulary.
- 6 To be able to develop activities and tasks for learners.

B. Ed. TC 203/301-5: Pedagogy of School Subject (Part-1/2) Pedagogy of Home Science

Course Outcomes: To enable the student teacher to :

- Enumerate on the meaning, nature, scope and objectives of teaching Home Science at Secondary and Senior Secondary level.
- State the importance of teaching Home Science in Schools.
- Apply various techniques and approaches of Teaching Home Science at secondary and senior secondary level.
- Plan instructions effectively for teaching learning process of Home Science at school level.
- Plan and modify the setup of Home Science laboratory to conduct practical's according to the changing needs of the curriculum.
- Evaluate student performance with a holistic perspective.

B. Ed. TC 203/301-6: Pedagogy of School Subject (Part-1/2) Pedagogy of Social Science

Course Outcomes: To enable the student teacher to :

- 1 To develop an understanding of the nature of Social Sciences, both of individual disciplines comprising Social Sciences, and also of Social Sciences as an integrated /interdisciplinary area of study.
- 2 To acquire a conceptual understanding of the processes of teaching and learning Social Sciences.
- 3 To enable student teachers examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
- 4 To acquire basic knowledge and skills to analyze and transact the Social Sciences curriculum effectively following wide-ranging teaching- learning strategies in order to make it enjoyable and relevant for life.
- 5 To sensitize and equip student teachers to handle social issues and concerns in a responsible manner, e.g., preservation of the environment, disaster management, promoting inclusive education, preventing social exclusion of children coming from socially and economically deprived backgrounds, and saving fast depleting natural resources (water, minerals, fossil fuels etc.).
- 6 Re-engage with the nuances of the discipline and its prevalent conceptualizations and practices.

B. Ed. TC 203/301-7: Pedagogy of School Subject (Part-1/2) Pedagogy of History

Course Outcomes: To enable the student teacher to :

- 1 To acquaint the student teachers with the nature of history as a discipline and the objectives of teaching History.
- 2 To develop among the student teachers an understanding of the alternative approach, methods and media for teaching History.
- 3 To develop among the student teachers critical awareness of the features of existing History curricular and textbooks.
- 4 To develop among the student teachers an understanding of the organizing capacity of co-curricular activities.
- 5 To acquaint the student teacher with different Audio-Visual aids and develop in them the skills for the proper use and maintenance of teaching aids.
- 6 To develop among the student teachers understanding of the evaluation component in the instructional process and be familiar with the use of various tools and techniques of evaluation.

B. Ed. TC 203/301-8: Pedagogy of School Subject (Part-1/2) Pedagogy of Civics

Course Outcomes: To enable the student teacher to :

- 1 Refresh the knowledge of student teacher regarding the meaning and importance of civics.
- 2 Establish co-relation of civics with other school subjects.
- 3 Apply appropriate methods in teaching particular topics at different level.
- 4 Select and use relevant teaching aids.
- 5 Clarify particular concepts, trends, principles, methods etc. with the help of correlation to similar content or situation.
- 6 Develop skills and abilities for organizing school activities related to the subject.

B. Ed. TC 203/301-9: Pedagogy of School Subject (Part-1/2) Pedagogy of Geography

Course Outcomes: To enable the student teacher to :

- 1 To acquaint the student teachers with the nature of geography as a discipline and the objectives of teaching History.
- 2 To develop among the student teachers an understanding of the alternative approach, methods and media for teaching geography.
- 3 To develop among the student teachers critical awareness of the features of existing geography curriculum and textbooks.
- 4 To develop among the student teachers an understanding of the organizing capacity of co-curricular activities.
- 5 To acquaint the student teacher with different Audio-Visual aids and develop in them the skills for the proper use and maintenance of teaching aids.
- 6 To develop among the student teachers understanding of the evaluation component in the instructional process and be familiar with the use of various tools and techniques of evaluation.

B. Ed. TC 203/301-10: Pedagogy of School Subject (Part-1/2) Pedagogy of Economics

Course Outcomes: To enable the student teacher to :

- 1 To acquaint the student teachers with the nature of Economics as a discipline and the objectives of teaching Economics..
- 2 To develop among the student teachers an understanding of the alternative approach, methods and media for teaching Economic.
- 3 To develop among the student teachers critical awareness of the features of existing economics curricula and textbooks
- 4 To develop among the student teachers an understanding of the organizing capacity of co-curricular activities.
- 5 To acquaint the student teacher with different Audio-Visual aids and develop in them the skills for the proper use and maintenance of teaching aids and computer based instruction..
- 6 To develop among the student teachers understanding of the evaluation component in the instructional process and be familiar with the use of various tools and techniques of evaluation.

B. Ed. TC 203/301-11: Pedagogy of School Subject (Part-1/2)

Pedagogy of Commerce

Course Outcomes: To enable the student teacher to :

- 1 To enable the teacher trainees to understand the basic concepts of Commerce and their wide applicability.
- 2 To enable the teacher trainees to understand the importance of Commerce, its scope and relationship with other school subjects.
- 3 To enable the teacher trainees to understand the objectives of Commerce, at higher secondary stage.
- 4 To enable the student teacher to perform his role effectively as Commerce teacher.
- 5 To enable the teacher trainees to use Commercial Activities in teaching of Commerce.
- 6 To enable the teacher trainees to use Community Resources in teaching of Commerce.

B. Ed. TC 203/301-12: Pedagogy of School Subject (Part-1/2)

Pedagogy of Mathematics

Course Outcomes: To enable the student teacher to :

- 1 To develop insight into the meaning, nature, scope and objective of mathematics education.
- 2 To appreciate mathematics as a tool to engage the mind of every student.
- 3 To appreciate mathematics to strengthen the student's resource.
- 4 To appreciate the role of mathematics in day-to-day life.
- 5 To learn importance of mathematics: mathematics is more than formulas and mechanical procedures.
- 6 To channelize, evaluate, explain and reconstruct their thinking.

B. Ed. TC 203/301-13: Pedagogy of School Subject (Part-1/2)

Pedagogy of Physical Science

Course Outcomes: To enable the student teacher to :

- 1 To gain insight on the meaning and nature of physical science for determining aims and strategies of teaching-learning.
- 2 To appreciate that science is a dynamic and expanding body of knowledge.
- 3 To appreciate the fact that every child possesses curiosity about his/her natural surroundings.
- 4 To identify and relate everyday experiences with learning physical science.
- 5 To appreciate various approaches of teaching-learning of physical science.
- 6 To understand the process of science and role of laboratory in teaching- learning situations

B. Ed. TC 203/301-14: Pedagogy of School Subject (Part-1/2)

Pedagogy of Biological Science

Course Outcomes: To enable the student teacher to :

- 1 To understand the nature, place, values and objective of teaching Biology at Secondary / Senior Secondary level.
- 2 To evaluate critically the existing syllabus of Biology prescribed for Secondary/Senior Secondary level in the state of Bihar.
- 3 To develop yearly plan, unit plan and lesson for Senior Secondary classes.
- 4 To use various methods and approaches of teaching Biology.
- 5 To acquire the ability to develop instructional support system.
- 6 To plan and organize Biological practical in the Laboratory

B. Ed. TC 204: Assessment for Learning

Course Outcomes: After completion of the course, student-teachers will be able to:

- 1 Gain a critical understanding of issues in assessment and evaluation (from a constructivist paradigm).
- 2 Become cognizant of key concepts, such as formative and summative assessment, evaluation and measurement, test and examination.
- 3 Be exposed to different kinds and forms of assessment that aid student learning.
- 4 Become the use of a wide range of assessment tools, and learn to select and construct these appropriately.
- 5 Evolve realistic, comprehensive and dynamic assessment procedures that are able to keep the whole student in view.
- 6 Understand the critical role of assessment in enhancing learning Critiques the traditional purpose of assessment (as a mechanism to filter learners as per their abilities or potentials and thus reducing learning to a limited set of expertise that can be displayed on papers, assessment as a selective and competitive act and achievement as an outcome of individual's innate factors.)

B.Ed. P 205: EPC-2.Drama And Art in Education

Course outcomes: After completion of the course, student-teachers will be able to:-

- 1 Understand the role of fine arts in enhancing the creative potentials of an individual.
- 2 Understand the concept and basics of different art forms (all the visual and performing arts).
- 3 Respond to the beauty in different Art forms.
- 4 Enhance skills for integrating different Art forms across school curriculum at secondary level.
- 5 Develop skill to create artistic pieces through waste materials.
- 6 Communicate important social issues through drama.

B. Ed. TC 401: Gender, School & Society

Course Outcomes: After completion of the course, student-teachers will be able to:-

- 1 Develop basic understanding and familiarity with key concepts—gender, gender bias, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism.
- 2 Understand the gradual paradigm shift from women's studies to gender studies and some important landmarks in connection with gender and education in the historical and contemporary period;
- 3 Learn about gender issues in school, curriculum, textual materials across disciplines, pedagogical processes and its intersection with class, caste, religion and region.
- 4 Understand how gender, power and sexuality relate to education (in terms of access, curriculum and pedagogy).
- 5 Build knowledge understanding and sensitivity of different perspectives in the area of education of children with disabilities.
- 6 Develop an understanding of the concept of assessment and its practices.

B. Ed. TC 403: Creating an Inclusive school

Course Outcomes: After completion of the course, student-teachers will be able to:-

- 1 Demonstrate knowledge of different perspectives in the area of education of children with disabilities;
- 2 Reformulate attitudes towards children with special needs;
- 3 Identify needs of children with diversities;
- 4 Plan need-based programmes for all children with varied abilities in the classroom;
- 5 Use human and material resources in the classroom;
- 6 Use specific strategies involving skills in teaching special needs children in inclusive classrooms;

Optional Course

B. Ed. TC-404d: Guidance & Counseling

Course Outcomes: After completion of the course, student-teachers will be able to:-

- 1 To develop an understanding of the concepts of guidance and counseling.
- 2 To acquaint the students with the testing devices and techniques of guidance.
- 3 To develop an understanding of collection and dissemination of occupational guidance.
- 4 To sensitize student-teachers to the problems faced by students in the contemporary world.
- 5 To create an awareness of the working of guidance centers.
- 6 To provide guidance & counseling for school level students.

B. Ed. P-TC-405: EPC-3: Critical Understanding of ICT

Course Outcomes: After completion of the course, student-teachers will be able to:-

- 1 Make an effective use of technology in Education.
- 2 Familiar with new trends, techniques in education along with learning.
- 3 Know about the basic elements of computers and their uses.
- 4 Know about aims and objectives of teaching computer science in secondary and Sr. Secondary schools and help them to plan learning activities according to those objectives.
- 5 Acquire the Basic Commands in DOS & Windows.
- 6 Work with various MS Office Applications like Word, Excel and PowerPoint.

B. Ed. P-TC-405: EPC-4: Understanding the self

Course Outcomes After completion of the course, student-teachers will be able to:-

- 1 To encourage students to give conscious direction to their lives to take responsibility for their actions.
- 2 To develop a holistic and integrated understanding of the human self and personality.
- 3 To facilitate the personal growth of the students by helping them to identify their own Potential.
- 4 To develop the power of positive attitude.
- 5 To encourage students to develop the capacity for self-reflection and personal integration.
- 6 To enable students to examine and challenge the stereotypical attitudes and prejudices that influence identity formation and the process of individuation.
- 7 To encourage students to develop the capacity for perspective taking and appreciating different points of view.
- 8 To develop sensitivity towards needs of children by connecting with one's own childhood experiences.
- 9 To explore attitudes and methods needed for facilitating personal growth in student.
- 10 To explore ways of integrating the facilitation of personal growth and social skills within the formal curriculum.
- 11 To develop the capacity to establish peace within oneself
- 12 To develop the capacity to establish harmony within a group and methods of conflict resolution
- 13 To understand the meaning of leadership and develop attitudes and skills of a catalyst
- 14 To understand the basis of social disharmony, the factors those contribute to it and ways to facilitate change.

Practicum Courses Field Observation

After completion of the course, student-teachers will be able to:-

- 1 Develop an ability to substantiate perspectives and theoretical frameworks studied with field based experiences that are provided.
- 2 Understand creative ways of tracking students' progress.
- 3 Develop a broad repertoire of perspectives, professional capacities, teacher dispositions, sensibilities and skills.
- 4 Develop an ability to cater to diverse needs of learners in schools.
- 5 Experience and understand the real world of teaching with the help of systematic supervisory support and feedback.
- 6 Develop the ability to write a reflective journal that would facilitate to consolidate and reflect on teaching experience.

School Internship

After completion of the course, student-teachers will be able to:-

- 1 Develop an ability to substantiate perspectives and theoretical frameworks studied with field based experiences that are provided.
 - 2 Understand creative ways of tracking students' progress.
 - 3 Develop a broad repertoire of perspectives, professional capacities, teacher dispositions, sensibilities and skills.
 - 4 Develop an ability to cater to diverse needs of learners in schools.
 - 5 Experience and understand the real world of teaching with the help of systematic supervisory support and feedback.
 - 6 Develop the ability to write a reflective journal that would facilitate to consolidate and reflect on teaching experience.
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Course Learning Outcomes (CLOs) for the B.Ed. 2nd-year C-8 (Knowledge and Curriculum)

- 1 Define the concept of knowledge and explain its significance in the learning process.
- 2 Identify and differentiate the various forms of knowledge and their organization within the school context.
- 3 Understand and explain the concept of curriculum and its role in education.
- 4 Analyse the key determinants and considerations involved in curriculum development.
- 5 Demonstrate an understanding of the curriculum development process and its practical applications in education.

Course Learning Outcomes (CLOs) for the B.Ed. 2nd-year C-9 (Assessment for Learning)

- 1 Understand the fundamental concepts of assessment and evaluation in the educational context.
- 2 Analyse the purpose and significance of assessment of learning in the teaching-learning process.
- 3 Evaluate and implement strategies for assessment for learning to enhance student outcomes.
- 4 Assess individual psychological aspects and apply them in educational assessments for diverse learners.
- 5 Interpret and report students' performance effectively, linking assessment results to instructional decisions.

Course Learning Outcomes (CLOs) for the B.Ed. 2nd-year C-10 "Creating an Inclusive School" (C-10):

- 1 Design and implement inclusive teaching strategies to accommodate diverse learning needs in a classroom.
- 2 Analyse the legal and ethical frameworks surrounding inclusive education and apply them in school settings.
- 3 Develop effective classroom management techniques that foster an inclusive and supportive learning environment.
- 4 Assess and address barriers to learning for students with disabilities or special needs in an inclusive school context.
- 5 Promote collaborative partnerships between teachers, parents, and communities to support inclusive education practices.

Course Learning Outcomes (CLOs) for the B.Ed. 2nd-year C-11 (Optional Course)

.Guidance and Counselling

- 1: Understand the theoretical foundations and principles of guidance and counselling in educational settings.
 - 2: Develop skills in identifying and addressing students' academic, personal, and social challenges through effective counselling strategies.
 - 3: Demonstrate the ability to use various assessment tools to identify students' needs and provide personalized guidance for career planning and personal development.
 - 4: Implement school-wide guidance programs that promote mental health, well-being, and positive student outcomes.
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