



# **Dr. S. RADHAKRISHNAN TEACHERS' TRAINING COLLEGE**

Sukrigarha, Lari, Distt. - Ramgarh (Jharkhand)-825101

Recognized by ERC, NCTE Bhubaneswar

**NAAC Accredited B<sup>+</sup>**

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## **Programme Outcomes, Programme Specific Outcomes & Course Learning Outcomes**

### **Programme: Bachelor of Education (B.Ed.)**

1. Prepare teachers who are fully dedicated to the cause of learning and serve the nation with a deep sense of duty and commitment.
2. Impart newer perspectives in education and develop professional competencies necessary for teaching in a systematic manner.
3. Enhance pedagogical skills and the ability to apply these skills for dealing with classroom issues most effectively.
4. Inculcate critical thinking and apply it in all facets of teaching-learning that helps in effective assessment for learning.
5. Provide opportunities to enhance their competence and knowledge construction abilities in creating a positive learning atmosphere in educational institutions.
6. Reinforce interpersonal effectiveness as members or leaders of diverse teams in multi-disciplinary settings by following the principles of collaborative learning, cooperative learning, and team teaching.
7. Appreciate the role of teachers in prevailing socio-cultural and political systems in general, and the educational system in particular.
8. Instill value-orientation amongst students that helps them understand fundamental beliefs and their responsibility towards society.

### **Program Specific Outcomes**

By the end of the course, student-teachers will be able to achieve the following specific outcomes:

1. Develop an understanding of teaching, pedagogy, and related areas.
2. Use effective verbal, non-verbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the class.
3. Understand classroom diversities and enable them to deal with diverse learners in an inclusive classroom setup, focusing on education in subject areas, women empowerment, environmental education, and content development.
4. Comprehend the processes of physical, cognitive, social, and emotional development, along with contemporary issues and educational policies in the Indian education system.

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5. Learn various teaching and learning methods, strategies, the epistemological basis of education, school management, professional ethics, and gain practical experience through school internships and observation of school activities.
6. Imbibe learning experiences that enable students to understand and appreciate knowledge structures and paradigms of education.
7. Understand individual differences among students, measure their attainment, evaluate progress, assess learning abilities, and provide guidance programs using psychological tools, ICT-based communication, and effective lesson planning.
8. Build skills and abilities in communication, reflection, art, aesthetics, theatre, self-expression, and ICT.
9. Develop a self-identity as a teacher through school-based experiences and reflective practices that continually evaluate the effects of their choices and actions.
10. Build an understanding and perspective on the nature of the learner, diversity, and the learning process.
11. Plan learning experiences based on learners' proficiency, interests, and experiences.

### **Course Outcomes**

#### **TC-101: Childhood and Growing Up**

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

1. Understand the meaning, nature, and characteristics of growth and development.
2. Recognize the principles and theories of growth and development.
3. Acquire knowledge about different stages of development and their varied aspects.
4. Analyze the characteristics of children's development from various socio-economic and political backgrounds.
5. Comprehend childhood, child development, and adolescence.
6. Examine the impact of urbanization and economic changes on adolescent development, critically analyzing the influence of different agencies and the significance of gender, caste, and social class on children.

#### **TC-102: Contemporary India and Education**

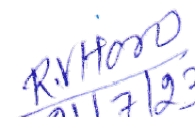
After completion of the course, the student will be able to:

1. Understand education as a national agenda and its policies in shaping the education system.
2. Engage with discussions about contemporary Indian society and education.
3. Acquire critical analysis skills and experience in working with diverse communities.
4. Understand child development, learning, and uniqueness in various socio-cultural contexts.
5. Critically examine universal concepts in developmental psychology and educational psychology.
6. Develop a perspective rooted in the Indian socio-cultural context and gain knowledge of various perspectives on education for children with disabilities and the concept of assessment and its practices.

#### **TC-103: Language across the Curriculum**

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

1. Understand the concept of language, its various forms, and the different ways languages are acquired and learned.

  
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2. Gain knowledge of different psychological theories, principles, and approaches related to language learning.
3. Comprehend the various forms and varieties of language and its use in different contexts, including the constitutional provisions of languages in India, and recognize the role of language as a subject, medium, and the significance of the mother tongue.

### **TC-104: Understanding Discipline and Subjects**

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

1. Understand the nature of children and how they learn in school/classroom settings, gaining insights into their learning processes.
2. Develop the ability to reflect, reason, and conceptually grasp pedagogic practices and the learning process, fostering a deeper understanding of teaching methods.
3. Empower prospective teachers with the skills to create and utilize appropriate teaching-learning materials, and effectively use various assessment modes to promote enhanced classroom learning for children.

### **P-105: Reading and Reflecting on Text (EPC-1: Practicum)**

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

1. Use language as a medium for comprehending ideas, reflecting, thinking, expressing, and communicating effectively.
2. Enhance proficiency in the language of instruction, which is essential for student teachers, regardless of the subject areas they will teach.
3. Strengthen reading, thinking, discussing, and communication skills, as well as writing abilities in the language of instruction, while developing a taste for different kinds of texts and engaging with ideas expressed in diverse contexts.

### **TC-201: Learning and Teaching**

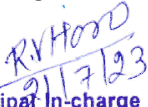
After completion of the course, the student will be able to:

1. Describe multiple dimensions of learner's development and understand its implications on learning.
2. Reflect on the process of learning from different theoretical perspectives and adopt appropriate approaches accordingly.
3. Understand the learner in terms of diversities and its implications on learning.
4. Learn about the factors affecting the learner's environment and assessment.
5. Discuss strategies for effective learning management.
6. Conceptualize a framework for understanding and evaluating teaching-learning situations, as well as analyze and reflect upon learning episodes.
7. Acquire conceptual tools of critical analysis and gain experience in engaging with diverse communities.
8. Develop an understanding of child development, learning, and uniqueness in diverse socio-cultural contexts, along with the role of a teacher in learning, teaching, and assessment.

### **TC-202: Knowledge and Curriculum (Part-1)**

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

1. Understand the interplay of language and society, including language diversity in classrooms.
2. Grasp the development process of language acquisition, its functions, and how children use language as a tool at different developmental stages.

  
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3. Analyze classroom discourse, tools of learning, and reading in contextual areas.

### **TC-203 & TC-301: Pedagogy of School subject**

#### **Pedagogy of English**

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

1. Acquire knowledge and understanding of the need and status of teaching English in India, including the aims and objectives of teaching English as a second language.
2. Equip themselves with various approaches, methods, and techniques of teaching English, while understanding the importance of lesson planning in the teaching process.
3. Develop techniques and skills for effective teaching of English as a second language.

#### **Pedagogy of Urdu**

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

1. Understand the importance of mother tongue, the aims of teaching Urdu language and literature and gain knowledge of various approaches, methods and techniques of teaching Urdu.
2. Master the skills and techniques required for effectively teaching Urdu language and literature.
3. Develop proficiency in preparing lesson plans, teaching aids, presentations, and devising assessments in the context of teaching Urdu.

#### **Pedagogy of Sanskrit**

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

1. Understand the aims, objectives, and status of Sanskrit as a classical language and appreciate its role and importance as a language worth preserving.
2. Acquire knowledge of the Ancient Indian method of teaching Sanskrit language, literature, and grammar, including mastering the skills of pronunciation and recitation in Sanskrit chunks and verse.
3. Master the skills and techniques required for effectively teaching Sanskrit language and literature.

#### **Pedagogy of Hindi**

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

1. Understand the objectives and goals of teaching Hindi at the secondary level, including the skills required for effective listening, speaking, reading, and writing in Hindi language.
2. Acquire and master the skills of applying various methods, approaches, and techniques to teach Hindi as a language through literature, including different genres such as poetry, prose, drama, and novels.
3. Apply the knowledge of pedagogy to prepare lesson plans and effectively deliver lessons using different methods and approaches, while also utilizing assessment and evaluation strategies to achieve the objectives and goals of teaching Hindi at the secondary level.

#### **Pedagogy of Bengali**

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

1. Understand the importance of mother tongue and the aims of teaching Bengali language and literature.
2. Acquire knowledge and understanding of various approaches, methods, and techniques used in teaching Bengali language and literature.
3. Master the skills of teaching Bengali effectively, including the ability to prepare lesson plans, use teaching aids, make presentations, and devise assessments to enhance learning outcomes.

## **Pedagogy of Social Science**

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

1. Develop a comprehensive understanding of the nature of social sciences, encompassing individual disciplines and their integration as an interdisciplinary area of study.
2. Acquire a conceptual understanding of the teaching and learning processes in social sciences, enabling them to critically examine prevailing pedagogical practices in classrooms and reflect on potential improvements.
3. Acquire basic knowledge and skills to effectively analyze and teach the social sciences curriculum, utilizing diverse teaching and learning strategies to make it enjoyable, relevant to real life, and sensitive to social issues and concerns such as environment preservation, disaster management, inclusive education, and social inclusion for children from socially and economically deprived backgrounds, as well as responsible use of natural resources like water and fossil fuels.

## **Pedagogy of History**

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

1. Understand the nature and scope of teaching History, including its role and importance in education.
2. Understand the relationships of History with other social sciences, recognizing its interdisciplinary nature.
3. Acquire skills, approaches, methods, and techniques of teaching History effectively, enabling them to impart historical knowledge to their students.

## **Pedagogy of Civics**

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

1. Understand the nature and scope of teaching Civics, gaining insights into its significance in education.
2. Understand the role and importance of teaching Civics and its connections with other social sciences, acknowledging its interdisciplinary nature.
3. Acquire skills, approaches, methods, and techniques of teaching Civics, enabling them to effectively impart civic education to their students.

## **Pedagogy of Geography**

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

1. Understand the nature and scope of teaching Geography, gaining insights into its subject matter and relevance in education.
2. Understand the importance of teaching Geography and recognize its connections with other social sciences, appreciating its interdisciplinary nature.
3. Acquire skills, approaches, methods, and techniques of teaching Geography, equipping them to effectively impart geographical knowledge and concepts to their students.

## **Pedagogy of Economics**

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

1. Understand the nature and scope of teaching Economics, gaining insights into its subject matter and relevance in education.
2. Understand the role and importance of teaching Economics and recognize its connections with other social sciences, appreciating its interdisciplinary nature.

3. Acquire skills, approaches, methods, and techniques of teaching Economics, equipping them to effectively impart economic knowledge and concepts to their students.

### **Pedagogy of Commerce**

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

1. Understand the nature and scope of teaching Commerce at the higher secondary level, gaining insights into the subject's content and its significance in education.
2. Understand the role and importance of teaching Commerce at the higher secondary level and recognize its connections with other social sciences, appreciating its interdisciplinary nature.
3. Acquire skills, approaches, methods, and techniques of teaching Commerce at the higher secondary level, equipping them to effectively impart commerce-related knowledge and concepts to their students.

### **Pedagogy of Mathematics**

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

1. Understand the nature, scope, and historical perspective of Mathematics, gaining insights into its development and significance.
2. Comprehend the aims and objectives of teaching Mathematics, recognizing its purpose in education.
3. Master various skills, methods, approaches, and techniques of teaching Mathematics effectively, while excelling in the process of evaluation to assess learners' achievements in Mathematics.

### **Pedagogy of Physical Science**

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

1. Understand the nature and scope of Physical Science, gaining insights into its subject matter and relevance in education.
2. Acquire and master the skills required for effectively teaching Physical Science, enabling them to impart scientific knowledge to their students.
3. Develop mastery in laboratory management of the Physical Science laboratory, ensuring a safe and conducive environment for practical learning experiences.

### **Pedagogy of Biological Science**

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

1. Understand the concept, aims, and objectives of teaching Biological Science, gaining insights into its significance in education.
2. Recognize the role of Biological Science in developing skills and attitudes for social living, understanding its broader impact on society.
3. Master various skills, approaches, methods, and techniques of teaching Biological Science effectively, while acquiring the qualities of an effective Biological Science teacher.

### **TC-204: Assessment of learning**

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

1. Gain a critical understanding of assessment and evaluation issues from the constructivist paradigm, exploring its key concepts and principles.
2. Become cognizant of key concepts such as formative and summative assessment, evaluation and measurement, as well as the nature of tests and examinations.

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3. Be exposed to various kinds and forms of assessment that aid student learning, understanding their purposes and benefits.
4. Acquire the ability to use a wide range of assessment tools and learn to select and construct them appropriately, evolving realistic, comprehensive, and dynamic assessment procedures that consider the holistic development of students.

### **P-205: Drama and Art in Education: (EPC-2: Practicum)**

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

1. Understand the concept of drama in Education and its role as a pedagogy.
2. Organize drama as an activity on the stage, both individually and in groups, exploring its potential as a form of expression.
3. Understand and appreciate Indian and regional drama traditions, gaining insights into their cultural significance.
4. Review and assess drama as a performing art, critically evaluating its artistic and educational aspects.
5. Understand the concept of Visual Art and Craft in the propagation of Education, recognizing its importance in fostering creativity and expression.
6. Understand Visual Art and Craft as pedagogy, exploring its role in promoting artistic development and learning experiences.

### **P-302: School Internship Report (Practice of Teaching: Practicum)**

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

1. Understand and experience the actual teaching-learning situation in school, gaining practical insights into the dynamics of a classroom.
2. Prepare a lesson plan and apply it during their teaching in an actual classroom situation, effectively organizing and delivering instructional content.
3. Use teaching skills relevant to teach specific topics within the given subject, adapting their approach to suit the content and students' needs.
4. Prepare teaching aids to enhance the effectiveness, interest, and comprehension of the content taught, making learning more engaging and accessible for students.
5. Act in the class as a facilitator, classroom manager, and keen observer, fostering a conducive learning environment, managing the class, and identifying learning opportunities.
6. Prepare tests to achieve the objectives of learning, assessing students' understanding and progress in the subject.

### **P-303: Assessment of Practice Teaching in Selected Subject (Practicum)**

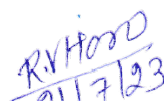
After completion of their practice teaching, students will be able to:

1. Demonstrate effective teaching skills, including professional attitude, classroom management, and social skills.
2. Showcase a high level of competence in their subject content knowledge and teaching abilities, ensuring a conducive learning environment for their students.

### **TC-401: Gender, School and Society**

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

1. Understand the psychological and sociological perspectives of gender, gaining insights into its complexities in society.

  
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2. Acquire knowledge of women's education and related laws, recognizing their significance in promoting gender equality and empowerment.
3. Understand the importance of gender sensitization for fostering a healthy and inclusive society, promoting awareness and understanding of gender issues.
4. Understand the relationship among gender, school, and society, exploring how education plays a crucial role in addressing gender disparities and promoting social change.

### **TC-402: Knowledge and Curriculum (Part-2)**

After completion of the course, the students will be able to understand:

1. The interplay of language and society, recognizing the influence of social factors on language development and use.
2. The process of language acquisition, gaining insights into how individuals learn and develop language skills.
3. The function of language and how children use language as a tool at different developmental stages, understanding its role in communication and cognitive development.
4. Language diversity in classrooms, becoming aware of the linguistic variations and challenges that students may encounter in diverse educational settings.

### **TC-403: Creating and Inclusive School**

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

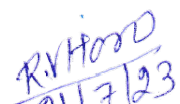
1. Demonstrate knowledge of different perspectives in the area of education of children with disabilities, gaining insights into diverse approaches and practices.
2. Reformulate attitudes towards children with special needs, fostering a positive and inclusive mindset.
3. Identify the needs of children with diversities, recognizing individual requirements and support in the learning process.
4. Plan need-based programs for all children with varied abilities in the classroom, ensuring an inclusive and supportive learning environment.
5. Use human and material resources effectively in the classroom, employing appropriate tools and strategies to cater to diverse learning needs.
6. Use specific strategies involving skills in teaching special needs children in inclusive classrooms, adapting instructional methods to meet individual requirements.

### **Optional Courses**

#### **TC-404 A: Vocational/Work Education**

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

1. Have sufficient knowledge of the course, gaining a comprehensive understanding of work education and its relevance in general education.
2. Select appropriate teaching strategies and teaching aids, preparing effective notes for facilitating work education sessions.
3. Understand the nature of work, its scope, and application in social contexts, preparing them for socially useful productive work.
4. Develop the concept of work education in general education suitable for India, fostering an understanding of its importance and implications in the country's context.
5. Develop relationships with other subjects in the school curriculum, recognizing the interdisciplinary aspects of work education.

  
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6. Develop qualities and functions of a good teacher in the context of work education, honing their skills as facilitators and educators.

### **TC-404 B: Health and Physical Education**

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

1. Understand the concept of Health and Physical Education, grasping its significance in promoting overall well-being.
2. Acquire knowledge and understanding of different systems of the human body, gaining insights into their functions and importance for maintaining good health.
3. Acquire knowledge of food, food habits, and nutrients necessary for maintaining good health, recognizing the role of nutrition in overall well-being.
4. Acquire knowledge of safety and security measures outside the school, first aid practices, and other safety measures to protect health and prevent unhealthy conditions.

### **TC-404 C: Peace Education**

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

1. Understand peace as a dynamic social reality, gaining insights into its multifaceted aspects and significance in society.
2. Understand conflicts, underlying personal-social processes, and mediation techniques for conflict resolution and transformation.
3. Empower themselves through critical self-reflection, fostering personal growth and self-awareness in the context of peace and conflict.
4. Orient education for peace-building, recognizing the role of education in promoting peaceful and harmonious societies.
5. Acquire practical skills in conflict resolution and peace-building approaches, enabling them to contribute to peaceful coexistence in various settings.
6. Engage in constructive dialogue and collaborative efforts to address societal challenges and promote positive social change.

### **TC-404 D: Guidance and Counseling**

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

1. Understand the concept of guidance and counseling in the life of individuals, recognizing its importance in personal development and decision-making.
2. Acquire knowledge of guidance and counseling principles and techniques, equipping them to provide support and solutions to individual problems.
3. Apply their understanding of guidance and counseling in practical situations, offering assistance and guidance to individuals facing various challenges.
4. Utilize effective communication and interpersonal skills to facilitate meaningful counseling sessions and provide support to those in need.

### **TC-404 E: Issue of Conservation and Environmental Regeneration**

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

1. Understand the concept of Environmental Education.
2. Develop a sense of awareness about environmental pollution, its causes, and possible hazards, along with knowledge of effective remedies.
3. Cultivate a sense of responsibility towards the conservation of the environment, biodiversity, and sustainable development.

4. Gain a reasonable understanding of the role of school education in fostering the idea of learning to live in harmony with nature and acquire knowledge of various measures available to conserve the environment and promote sustainable development.

#### **TC-404 F: Yoga Education**

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

1. Understand philosophy, psychology, and kinds of yoga.
2. Understand socio-moral base of yoga and its applications.
3. Understand the physiology of socio-moral based kinds of dhyana.
4. Classify yoga and its various forms.

#### **TC-404G: Value education and human rights**

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

1. Understand the concept, meaning, types, and methods of teaching value education, human rights in education, judicial activism, and custodial justice.
2. Understand the role of UNESCO and schools in promoting human rights, and the standard rules for the treatment of prisoners and UN principles for the protection of principles.

#### **P-405: Critical Understanding of ICT (EPC-3: Practicum)**

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

1. Understand the concept of ICT and its uses in Education.
2. Acquire knowledge and skills to use ICT as teaching-learning resources, including operating LCD projectors, radio, and audio-visual presentations via computers as media.
3. Acquire knowledge and skills to prepare teaching-learning content using MS-WORD, EXCEL, POWER POINT, graphs, pictures, tables, etc., and utilize the internet as a teaching-learning resource.

#### **P-406: Understanding the Self (EPC-4: Practicum)**

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

1. Explore the aim of life and discover one's true potential.
2. Develop sensitivity and facilitate personal growth.
3. Work towards peace, progress, and harmony as an application in teaching.

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