

Christ College, Bhopal

Programme Learning Outcomes of B.Ed.

After Completion Of Teacher Education Programme The Pupil Teachers Will Be Able To:

- Develop personal, professional and social competencies listed by National Council of Teacher Education (NCTE).
- To prepare teachers to care for children, enjoy being with them, seeking knowledge, own responsibility towards society and work to build a better world, develop sensibility to the problems of the learners, commitment to justice and zeal for social reconstruction.
- To develop teacher trainees to view learners as active participants in their own learning and not as mere recipients of knowledge; need to encourage their capacity to construct knowledge; ensure that learning shifts away from rote methods. Learning is to be viewed as a search for meaning out of personal experiences and knowledge generation as a continuously evolving process of reflective learning.
- To engage teacher trainees with theory along with field experiences to help them view knowledge not as external to the learner but as something that is actively constructed during learning.
- To train teacher trainees in organizing learner-centered, activity based, participatory learning experiences – play, projects, discussion, dialogue, observation, visits, integrating academic learning with productive work.
- To engage teacher trainees with the curriculum, syllabi and textbooks to critically examine them rather than taking them as ‘given’ and accepted without question.
- To provide opportunity to student-teachers for reflection and independent study of various activities.
- To equip teacher trainees to engage children in real contexts and to understand the psycho-social attributes and needs of learners, their special abilities and characteristics, their preferred mode of cognition, motivation and learning resulting from home and community socialization.
- To help the potential teachers to develop social sensitivity and consciousness and finer human sensibilities.
- To educate teacher trainees to connect school knowledge with community knowledge and life outside the school.
- To help teachers appreciate the potential of hands-on experience as a pedagogic medium both inside and outside the classroom; and work as integral to the process of education.
- To re-conceptualize citizenship education in terms of human rights and approaches of critical pedagogy; emphasize environment and its protection, living in harmony within oneself and with natural and social environment; promote peace, democratic way of life, constitutional values of equality, justice, liberty, fraternity and secularism, and caring values.
- To develop professional skills in pedagogy, observation, documentation, analysis and interpretation, drama, craft, story-telling and reflective inquiry.

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CC 1: Childhood & Growing Up

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

- To develop an understanding of different aspects of a child's physical, motor, social and emotional development.
- To understand the developmental process of children with diverse abilities in social, cultural and political context.
- To build sensitivity towards children's developmental needs and capabilities, with in their socio-cultural context.
- To develop a sensitive and critical understanding of the different social/educational/cultural/political realities at the core of the exploration into childhood.
- To build an interdisciplinary frame work to interpret, analyze observations and interactions from cross culture psychology.
- To develop critical deconstruction of significant events that media highlights and creates during childhood
- To provide hands-on experiences to interact with children, and training in methods to understand aspects of the development of children.
- To develop the power to interpret how gender caste and social class may impact the lived experience of children.

CC 2. Education in India- Status, Problems and Issues

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

- To develop perception of the role and functions of a teacher as envisaged in the NPE 1986 and to familiarize the Student Teacher with the different projects and schemes at Secondary level in M.P.
- To develop an understanding of the brief historical background of Indian Education with special reference to Secondary Education.
- To develop an understanding of the objectives and scope of Secondary Education.
- To develop an awareness of the professional ethics.

CC 3. Language across the curriculum – Part 1

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

- Language is the medium for comprehending ideas, for reflection and thinking, as well as for expression and communication.
- Enhancing one's facility in the language of instruction is thus a vital need of student- teachers, irrespective of the subject areas that they are going to teach.
- This course is visualized as a range of primarily text-based language activities, which will aid in strengthening the ability to 'read', 'think', 'discuss and communicate' as well as to 'write' in the language of instruction.
- It is likely that student teachers will begin the programme with different levels of language ability; hence group work that supports different levels of learning is envisaged as a central feature of this course.

CC 4. Curriculum Development & School

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

- To acquaint students with the nature and types of curriculum.
- To acquaint students with the context of curriculum development and some Innovative Curriculum Models.
- To familiarize students with Designing of Curriculum.
- To give practical experience in Evaluating, Designing and Reviewing Curriculum.

EPC 1 Reading and Reflecting on Texts

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

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- To enable the students to read and response to a Varity of text in different ways
- To develop Meta cognitive awareness
- To enhance the capacities as readers and writers by becoming participants in the process of reading
- To enable the student teachers to work on the field and make predictions and check their predictions and then to summarize.

CC 1: Learning & Teaching

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

- To become aware of different contexts of learning and situate schools as a special environment for learning;
- To reflect on their own implicit understanding of the nature and kinds of learning;
- Gain an understanding of different theoretical perspectives on learning with a focus on cognitive views of learning as well as social– constructivist theories;
- Explore the possibilities of an understanding of processes in human cognition and meaning– making them as basis for designing learning environments and experiences at school; and
- Appreciate the critical role of learner’s based on differences and contexts in making meanings, and hence draw out implications for schools and teachers.

PC 1. Pedagogy of a School Subject Physical Science (Physics and Chemistry)

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

- Understand the nature, scope and importance of Physical science with special reference to secondary school content.
- Understand the aims and objectives of teaching Physical science.
- State the specific behavioral changes under each objective.
- Understand and make use of different approaches & methods of teaching Physical science.
- Prepare objective based lesson plans and use them in their internship.
- Understand and employ several teaching techniques helpful to develop scientific attitude and scientific method.
- Plan, use and maintain the physical science laboratory systematically.
- Understand the principles of text-book construction.
- Understand the importance of appropriate instructional materials (hardwares and softwares) in teaching Physical science and use them by preparing/selecting them in their practice teaching.
- Understand the importance of principles of curriculum construction in the organization of Physical science contact.
- Get mastery in Physical science content and imbibe the special qualities of Physical Science teacher.
- Prepare and use different tools of evaluation to assess the achievements of students in Physical Science.
- Develop professionally by attending lectures of professional interest, reading journals, and magazines and enroll as members of professional organization.
- Organize co-curricular activities in science i.e. seminars, field trips, exhibitions discussions etc through the science club.
- Apply the knowledge of physical science to develop scientific thinking and scientific outlook.
- Develop skills in analyzing the content in terms of concepts and in learning experiences.
- Construct and administer unit test, conduct experiments improves teaching aids.

PC 1. Pedagogy of a School Subject Social Science

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

- Understand and appreciate the nature of social science knowledge
- Analyze the status of social science curriculum in school education
- Acquaint with and practice various constructivist and experiential pedagogies in social Science teaching-learning
- Develop skills for using appropriate pedagogical resources in classrooms
- Devise and adopt various assessment modalities in Social sciences

PC 1. Pedagogy of a School Subject Commerce

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

- To introduce student teachers with the methodology of teaching used in teaching of Commerce in schools.
- To make student teachers aware of the values of Commerce and the relationship of Commerce with other subjects.
- To encourage student teachers to use a wider range of teaching techniques in order to enable them to plan their lessons in teaching of commerce.
- To acquaint student teachers with the role of teaching aids, textbook, homework, libraries in commerce.
- To equip student teachers with the curriculum.

PC 2. Pedagogy of a School Subject English

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

- To master the different techniques, devices of the Second language structure, sounds and vocabulary.
- To understand the status of English language.
- To distinguish between different approaches and methods of teaching English and their use in the classroom.
- Acquire the basic skills of language learning.
- Plan and execute of different types of lessons in prose, poetry according to classroom situations.
- To appreciate the importance and use of suitable audio -visual aids in class room situations.
- To know the principles of curriculum construction.
- To prepare and use appropriate tools of evaluation to measure the linguistic abilities of the pupils.
- To realize his/her responsibilities as language teacher and pursue towards the aims of professional growth.
- To guide the students to use the language correctly.

PC 2. Pedagogy of a School Subject Mathematics

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

- Recall the meaning, nature and scope of mathematics.
- Acquaint aims and objectives of teaching mathematics in Secondary school level.
- Plan teaching in mathematics at micro and macro level.
- Prepare unit plans, resource unit and organize lesson to meet at different classroom situations.
- Analyze and evaluate the curriculum of mathematics at Secondary school level.
- Apply different approaches and methods of teaching mathematics in classroom situations.

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- Prepare and use instructional materials in teaching mathematics.
- Prepare different kinds of test and understand the comprehensive evaluation.
- Participate and organize the different co-curricular activities in mathematics.
- Understand the professional competencies, commitments and expectations of mathematics teacher.

PC2. Pedagogy of a School Subject Biological Science

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

- Understand the nature, scope & importance of Biological Sciences and get acquainted with ancient as well as modern developments in the field of Bio-Sciences.
- Understand the Aims, Objectives of teaching Bio-Science and will be able to state the objectives in behavioral terms
- Acquaint with the Resources for teaching Biology & their effective Utilization.
- Get exposed to Micro teaching and preparing Resource Unit, Unit Plan & Lesson Plans.
- Understand the concept of curriculum, principles of curriculum construction and trends curriculum revision
- Be introduced to various methods, approaches & models of teaching Biological Science and implement them in their teaching practice.
- Understand and prepare the different types of test items for the Evaluation of student's performance in Biology.
- Appreciate and inculcate the Competencies and commitments needed for a biological Science Teacher.
- Plan & execute various curricular & co-curricular activities related to teaching of Bio-Science

CC 4. Language across the curriculum – Part 2

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

- 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 contexts.
- 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.

EPC 2: Drama and Art in Education

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

- Understanding basics of different Art forms – impact of Art forms on the human mind
- Enhance artistic and aesthetic sensibility among learners to enable them to respond to the beauty in different Art forms, through genuine exploration, experience and free expression
- Enhance skills for integrating different Art forms across school curriculum at secondary level
- Enhance awareness of the rich cultural heritage, artists and artisans.

CC1 Pedagogy of a School Subject Part II

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

- To enable Students to responds to a variety of Maxims of Teaching.
- To develop the teaching skills of Students.

CC 1: Gender, School and Society

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

- To acquaint the student teachers with the concept of gendered roles in society and their challenges.
- To develop an understanding of the inequality and disparities in equal opportunities in education in societal context.
- To enable the student teachers to critically examine the stereotypes and rethink their beliefs.
- To help student teachers to develop abilities to handle notion of gender and sexuality.

CC 2. Educational Technology & ICT

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

- Understand the computer peripherals and its Organization in computer system.
- Develop skill in handling computer and using word documents.
- Develop skill in computation, analysis and interpretation of data by using Excel Spread sheets.
- Understand the Educational implications of Power Point Presentation and its use in classroom context.
- Understand the applications of Information Technology in the field of teacher education programme and training.

CC3: Creating an Inclusive School

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

- Identify the children of special needs.
- Understand the nature of special needs their psycho educational characteristics and functional limitation.
- Familiarize with assessment and placement procedure for children with special needs.
- Development understanding about accommodating special needs in regular classroom.
- Appreciate the education of children with special needs.

CC 4. Optional Course:

(A) Value Education

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

- Understand the concept and types of values.
- Understand the meaning and basic-theories of axiology.
- Get an insight into the strategies of inculcation of values among children.
- Develop awareness about the different agencies working in the sphere of value education.
- Develop skills and techniques needed to teach value education.
- Understand the role of the teacher in value education.

Futurology in Education

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

- To acquaint students with the significance of the study of Futures in general and Futurology in particular.
- To develop the knowledge and skills of students for Forecasting Futures of Education through methods and techniques.
- To develop critical thinking of students about the problem and prospects of school education in future.

Health and Physical Education

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

- Understand the significance of Health Education for the all-round development.

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- Maintain and promote good health
- Develop the understanding of physical education and its related fields.
- Acquire the knowledge about the teaching methods of physical education and its activities.
- Know about the effective organization of physical education activities.

Guidance and Counseling in Schools

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

- Understand the principles, scope and need of guidance and counselling in schools
- Acquaint him with nature of different problems faced by children in context of learning and development.
- Understand the acquisition and process of learning in children with special needs.
- Acquaint himself with learning disabilities of children and its remedies
- Take up minimum guidance programme at school level.

Environmental Education

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

- Understand the concept, significance, scope and terminologies, objectives and programmes of environmental education.
- Develop awareness about the various types of pollution, ecological imbalances and life and contributions of environmental activities.
- Interpret the environmental legislations in conservation and protection of the environment.
- Understand the role of governmental and non-governmental agencies in environmental education.
- Apply the methods of teaching and evaluation in environmental education.

Action Research

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

- Acquire the knowledge of concept of research and educational research.
- Understand the concept of basic, applied and action research and their differences.
- Understand the meaning, significance and scope of action research
- Become aware of action research problems in different areas in schools.
- Acquire the knowledge of steps involved and tools used in action research.
- Acquire the skills of conducting action research and to develop the skills of interpreting and reporting the findings of action research.

EPC 3: Understanding the Self

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

- The main aim of this course is to facilitate the development of individuals who can take responsibility for their own learning and give a conscious direction to their lives. Students are encouraged to explore and develop through self-reflection a greater insight into their aims of life, strengths and weaknesses and dynamics of formation of identity and a true individuality.
- Students also develop a capacity for social-relational sensitivity, effective communication skills and ways to create harmony within one's own self and society. The workshops are also aimed at equipping the students with positive attitudes, attributes and skills that help in facilitating the personal growth of their own students while teaching.
- To help student teachers discover and develop open-mindedness, the attitude of a self-motivated learner, having self-knowledge and self-restraint.
- To help student teachers develop the capacity for sensitivity, sound communication skills and ways to establish peace and harmony.
- To develop the capacity to facilitate personal growth and social skills in their own students

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EPC 4: Understanding of ICT

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

- Develop skill in handling computer and using word documents.
- Develop skill in computation, analysis and interpretation of data by using Excel Spreadsheets.
- Understand the Educational implications of Power Point Presentation and its use in classroom context.
- Understand the applications of Information Technology in the field of teacher education programme and training.