

Kunbi Shikshan Prasarak Sanstha Sanchalit

Senior College of Education, Bharne

PLO & CLO

PROGRAMME LEARNING OUTCOMES OF B.ED

After completion of Teacher Education programme the pupil teachers will be able to:

1. Comprehend and develop ten key competencies as identified by National Council of Teacher Education (NCTE).
2. Develop Skill in constructing different types of lesson plan (constructivist, experiential, collaborative, 7E's)
3. Develop Skill in organizing workshops, seminars, events (celebration of important days, awareness programme)
4. Develop a conceptual understanding about issues of diversity, inequality and marginalization in Indian society and the implications for education.
5. Analyse curriculum and select appropriate teaching strategies according to their needs.
6. Apply teaching skills and methodology to deal with classroom problems.
7. Comprehend the characteristics, needs and strategies of dealing with diverse learners in an inclusive environment.
8. Develop various life skills needed for successful survival in society.
9. Contribute to the community service programme and help to community.

Course Name: Course 1 Subject:-CHILDHOOD AND GROWING UP

Objectives:

1. To develop an understanding of the Principles of development.
2. To develop an understanding of the concept of development within a pluralistic society.
3. To develop an appreciation of the child development in socio- cultural context.
4. To apply the knowledge of the methods and approaches of child development.
5. To examine the theoretical perspectives of child development.
6. To analyze the Issues and Implications of changing family structure and parenting on growing up in a pluralistic society.
7. To develop an understanding of looking at one's own self, feeling and emotion.
8. To reflect on how we relate to the world through emotions.

Learning Outcome:-

1. Analyse major developmental milestones for children from conception through adolescence in the areas of physical, psychosocial, cognitive, and language development using standard research methodologies.
2. Differentiate characteristics of typical and atypical development at various stages.
3. Compare and contrast various theoretical frameworks that relate to the study of human development.
4. Analyse the importance of the early years and the interaction between maturational processes and social/environmental factors and the effects on various areas of development.
5. Analyse the social and Cultural context of child development
6. Study the Methods and Approaches of Studying Human development
7. Demonstrate understanding of theoretical perspectives of child and adolescent development.
8. Apply research to the understanding of social learning and behavioural challenges of children and adolescents.
9. Understanding of the role of Self Concept, Self Esteem and Self Efficacy in the formation of self.
10. Developing high emotional intelligence and ensuring identity achievement in students.

CORE COURSE 2 (CC 2) KNOWLEDGE AND CURRICULUM

Objectives:

1. To develop understanding into the epistemological basis of education
2. To develop understanding of modern child-centered education.
3. To develop understanding social and cultural influence on education
4. To develop understanding into curriculum, its determinants , process and evaluation
5. To examine relationship of curriculum to education
6. To gain insight into the need for curriculum reforms

Learning Outcomes

1. Analyse knowledge through concepts and characteristics.
2. Analyse disparate sources of information about the various types of knowledge and also enhance the epistemological basis of education
3. Analysing Education through democracy, justice , equity and equality.
4. Understand interrelationship of education with reference to Nationalism and Secularism
5. Explain the principles of curriculum development.
6. Explore the process of curriculum development
7. Explore the participatory approach of curriculum development.
8. Apply the principles of modern child-centred education

9. Discuss the educational significance of Activity method, Discovery method and Dialogue method
10. Analyse meaning and determinants of curriculum
11. Understand the relationship between Curriculum framework, Syllabus and Textbooks
12. Differentiating between Subject-centered and Child-centered curriculum
13. Understand the importance of Hidden curriculum
14. Analyse the role of Teacher in generating dynamic curricular experiences
15. Identify the need and evaluation of effective curriculum construction
16. Appreciate the role of MHRD and NCERT in Curriculum reforms

INTERDISCIPLINARY COURSE 1 (IC 1) GENDER, SCHOOL AND SOCIETY

Objectives:

1. Acquaint the student teachers with the concept of gendered roles in society and their challenges. To develop basic understanding and familiarity with key concepts-gender, gender bias, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism and transgender.
2. To understand the influence of social institutions (family, caste, class, religion, region,) on inclusion and gender identity
3. To examine the role of schools, peers, teachers, curriculum and textbooks, etc. in challenging inclusion and gender inequalities /reinforcing gender parity.
4. To develop an understanding about policies, plans and schemes of the government for addressing all forms of disparities, inequalities and their inclusion in the society
5. To critically appraise the role of media in reinforcing inclusion and gender roles in the popular culture and at school.
6. To appreciate the role of NGOs and Government organisations in sensitizing society towards inclusion and gender parity

Learning Outcomes:

1. Understand the concept of gender in broader terms
2. Critically evaluate gender roles from sociological and psychological perspectives.
3. Identify the influence of social construction on gender identity
4. Discuss the effect of gender bias and gender stereotyping and suggest the ways to bring changes in society.
5. Understanding about policies, plans and schemes of the government for addressing all forms of disparities, inequalities and their inclusion in the society.
6. Appreciate the judiciary provisions made for women empowerment.
7. Reflect on the Millennium Development goal for promoting gender equality.
8. Examine the role of schools, peers, teachers, curriculum and textbooks, etc. in challenging inclusion and gender inequalities.
9. Reflection on various acts related to human rights.
10. Critically evaluate role of NGO and United Nations Entity Equality for Empowerment of women

Pedagogy of School Subject [Method]

1. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT Subject:-Mathematics Course Objectives:

The course will develop among prospective secondary school teachers:

1. To understand the basic concepts associated with academic disciplines
2. To understand place of different disciplines in the school curriculum understand nature, scope & importance of Mathematics at secondary level.
3. To acquaint and formulate aims and instructional objectives in teaching mathematics in Secondary school level as per revised taxonomy.
4. To apply different approaches and methods of teaching mathematics in classroom situations.
5. To set up mathematics club in the school and organize its activities.
6. To use a mathematics laboratory to develop in students an interest in mathematics.
7. To understand the professional competencies, commitments and expectations of mathematics teacher.
8. To develop knowledge of various values of teaching Mathematics
9. To appreciate the role of mathematics in day-to-day life
10. To understand that mathematics is more than formulas and mechanical procedures
11. To channelize, evaluate, explain and reconstruct students' thinking
12. To appreciate the importance of mathematics laboratory in learning mathematics

Learning Outcomes

1. Understanding mathematics is more than formulas; mechanical procedures appreciate the role of mathematics in day-to-day life.
2. Know the place of different disciplines in the school curriculum; understand the nature, scope & importance of Mathematics at secondary level.
3. Formulate aims and instructional objectives in teaching mathematics in Secondary school level as per revised taxonomy
4. Understand the professional competencies, commitments and expectations of mathematics teacher
5. Generalize that mathematics is more than formulas and mechanical procedures.
6. Evaluate, explain and reconstruct students' thinking
7. Appreciate the importance of mathematics laboratory in learning mathematics.

**2. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL
SUBJECT Subject:-English**

Objectives:

1. To understand the basic concepts associated with academic disciplines
2. To understand place of different disciplines in the school curriculum
3. To develop understanding about the fundamentals of English language.
4. To understand pedagogical bases of language learning.
5. To apply pedagogical approaches and techniques in teaching and learning the language.
6. To adapt learning resources into teaching learning process.
7. To understand implications of theories of learning with regard to language learning.
8. To practice learner centered methods in the classroom.
9. To sensitize the student teacher about learner diversities.
10. To apply tools and techniques of assessment in language
11. To understand English language and literature

Learning Outcomes

1. Understand that academic disciplines are constantly in flux, negotiating the terms, conditions, and standards of inquiry, attribution, and evidence.
2. Enable the students to comprehend the spoken form.
3. Develop students' ability to use English in day-to-day life and real life situations.
4. Understand the written text and be able to use skimming, scanning skills.
5. Write simple English to express ideas etc
6. Quality improvement in education encompasses the all-round development of learners. This requires a multi-pronged approach aiming at quality curriculum and its effective transaction in an enabling environment
7. Creation of multi-lingual's who can enrich all our languages.
8. Understand Palmer's Principles and also correlate the English subject with other subjects.
9. Understand the maxims of teaching.
10. Arguably the professional development for teacher's affects teachers' performance in the classroom is that it provides them with new information, techniques, tools, and instructional strategies that they can use to connect with and engage their students.
11. Providing a framework and rationale for making course design decisions about the sequence of topics and instruction, content selection, and so on.

**3. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL
SUBJECT Subject:-Geography**

OBJECTIVES:

1. To develop an understanding the basic concepts associated with academic disciplines
2. To develop an understanding about place of different disciplines in the school curriculum

3. To develop an understanding of Geography as a subject.
4. To develop an understanding of essentials of teaching Geography.
5. To develop an understanding of approaches of curriculum construction.
6. To develop an understanding of different types of teaching- learning resources.
7. To develop an understanding of different methods and techniques of teaching Geography.
8. To develop an understanding of essentials of a Geography teacher.
9. To develop an understanding of current trends in the subject.

Learning Outcomes

1. Understanding the basics of Academics
2. Analysing the place of Social science in school curriculum
3. Developing understanding of Nature, objectives and values of Geography subject.
4. Developing skill of using learning resources in teaching of geography
5. Using appropriate methods of teaching Geography
6. Developing the essentials of becoming an efficient geography teacher.
7. Using various teaching aids to teach geography in effective way.

4. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT Subject:-History

OBJECTIVES:

1. To understand the basic concepts associated with academic disciplines
2. To understand place of different disciplines in the school curriculum
3. To understand the nature of History and Political Science as a school subject
4. To correlate History & Political Science with other subjects
5. To critically analyze the History and Political science textbook.
6. To understand the significance of learning resources to teach the subject
7. To demonstrate an ability to raise learners' interest
8. To prepare appropriate lesson plans in history and Political science.
9. To understand the need and avenues for professional development

Learning Outcomes

1. Understanding the basics of Academics
2. Analysing the place of Social science in school curriculum
3. Developing understanding of Nature, objectives and values of History subject.
4. Developing skill of using learning resources in teaching of History
5. Analysing Essentials of Curriculum transaction in History & Political Science
6. Using appropriate methods of teaching History
7. Developing the essentials of becoming an efficient history teacher.

5. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT Subject:-Science

OBJECTIVES:-

1. To understand the basic concepts associated with academic disciplines
2. To understand place of different disciplines in the school curriculum
3. To understand the meaning and nature of Science.

4. To familiarize the objectives of teaching Science as given by NCF 2005
5. To identify the values of teaching science
6. To develop an understanding of the approaches to teaching Science.
7. To familiarize the concept, needs and ways of infusing Global Perspectives in Science curriculum.
8. To develop an understanding of the methods of teaching Science.
9. To acquire knowledge about various learning resources and its management in science education.
10. To develop an understanding of the need and avenues of professional development of a Science teacher.

Learning Outcome

1. Understand the basic concepts associated with academic disciplines
2. Understand place of different disciplines in the school curriculum
3. Understand the meaning and nature of Science.
4. Familiarize the objectives of teaching Science as given by NCF 2005
5. Acquire knowledge about various learning resources and its management in science education
6. Applying the values of teaching science

6. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT Subject:-Marathi Method

Objectives:

1. To understand the basic concepts associated with academic disciplines
2. To understand place of different disciplines in the school curriculum
3. To develop understanding about the fundamentals of Marathi language.
4. To understand pedagogical bases of language learning.
5. To apply pedagogical approaches and techniques in teaching and learning the language.
6. To adapt learning resources into teaching learning process.
7. To understand implications of theories of learning with regard to language learning.
8. To practice learner centered methods in the classroom.
9. To sensitize the student teacher about learner diversities.
10. To apply tools and techniques of assessment in language
11. To understand Marathi language and literature

Learning Outcomes

1. Understand that academic disciplines are constantly in flux, negotiating the terms, conditions, and standards of inquiry, attribution, and evidence.
2. Enable the students to comprehend the spoken form.
3. Understand the written text and be able to use skimming, scanning skills.
4. Write simple Marathi to express ideas etc
5. Quality improvement in education encompasses the all-round development of learners. This requires a multi-pronged approach aiming at quality curriculum and its effective transaction in an enabling environment

6. Creation of multi-lingual's who can enrich all our languages.
7. Understand the maxims of teaching.
8. Arguably the professional development for teacher's affects teachers' performance in the classroom is that it provides them with new information, techniques, tools, and instructional strategies that they can use to connect with and engage their students.
9. Providing a framework and rationale for making course design decisions about the sequence of topics and instruction, content selection, and so on.

7. Course Title: ELECTIVE COURSE 1 (EC 1) PEDAGOGY OF SCHOOL SUBJECT: HINDI Total Credits: 6 Total Marks: 100 Course Outcomes:

1. विद्यालयी पाठ्यक्रम में विभिन्न विषयों के महत्त्व को समझना ।
2. हिंदी भाषा के विभिन्न पहलुओं को समझना कि उनके अध्यापन हेतु विभिन्न विधियों का उपयोग करना सीखना ।
3. हिंदी भाषा का अर्थ और उसकी प्रकृत में महत्त्व को समझना ।
4. हिंदी भाषा अध्यापन के उद्देश्य, वास्तविकता, सूत्र और सहसम्बन्ध के उपयोग करने की क्षमता विकसित करना । हिंदी भाषा अध्यापन द्वारा मूल्यों और कौशलों को विकसित करने में शिक्षक की भूमिका समझना ।
5. हिंदी भाषा की विभिन्न विधाओं का परिचय करना ।
6. हिंदी भाषा सम्वत् केवल आधुनिक माध्यमों की जानकारी देना ।

INTERDISCIPLINARY COURSE 3 (IC 3) LANGUAGE ACROSS CURRICULUM Objectives

1. To understand the meaning and functions of language.-
2. To develop appreciation for the significance of language across curriculum
3. To develop understanding of language diversity in the Indian context
4. To understand the different theories of language acquisition and language deficit
5. To understand the impact of oral language and questioning on student learning
6. To understand various genre of texts available in different content areas.
7. To develop competencies in fostering reading and writing skills among school children
8. To develop appreciation for the critical role of the teacher in transacting language across curriculum

Language Across curriculum

1. Understanding of language diversity in the Indian context
2. Critically analysing state policies on language and education.
3. Understand the impact of oral language and questioning on student learning
4. Understanding Importance of Questioning and types of questioning, Discussion based learning.

5. Analyse, define and describe the concept, characteristics and functions of language.
6. Analyse different Language Acquisition Theory of Environmental - Skinners, Biological - Chomsky and also discuss similarities and differences among them.
7. Analyse the deficit theory through examples.

INTERDISCIPLINARY COURSE 2 (IC 2)

EDUCATIONAL MANAGEMENT

Objectives:

1. To develop an understanding of the concept of Educational management
2. To develop an understanding of the importance of effective organizational management
3. To develop an understanding of Systems Approach to Educational management
4. To develop an understanding of the functions of management
5. To understand Quality management, Human resource management and Change management
6. To develop an understanding of the concept of Leadership
7. To acquaint students of the various Leadership styles
8. To acquaint students of the various Leadership skills
9. To develop an understanding about Educational administration
10. To develop an understanding about Educational administration in India

Learning Outcomes of Educational Management

1. Analyse the concept and significance of educational management.
2. Analyse and understand Henry Fayal's principles and also how to implement them in the teaching field.
3. Analyse the Concept of Systems Thinking and Systems Approach to Educational management
4. Understand and analyse the nature of management and describe the concepts, need, indicators and process of quality, human resource and change management.
5. Understand Human Resource Management in educational institutions
6. Develop understanding about the concept of leadership
7. Analyse the various leadership styles and skills
8. Understand about educational administration
9. Understand about Peter Senge Model of learning organisation and try to apply it.

CORE COURSE 4 (CC 4) ASSESSMENT FOR LEARNING

Objectives

1. To help prospective teachers in understanding critical role of assessment in enhancing learning.
2. To develop an understanding among prospective teachers about assessment for learning as a constructivist paradigm.
3. To develop an understanding of taxonomy of educational objectives.
4. To develop the skill of writing of objectives and specifications.
5. To develop enabling processes among prospective teachers to lead to better learning, more confident and creative learners.

6. To develop critically outlook among prospective teachers towards practices of assessment and selection.
7. To acquaint prospective teachers with an understanding of the concept and issues related to internal examination and external examination.
8. To enable prospective student teachers in understanding and analysing the psycho- social concerns of assessment.
9. To develop competencies among prospective teachers in using diverse methods and tools and techniques of assessment in an array of learning/performance outcomes of diverse learners.
10. To develop a critical understanding of issues in assessment and explore realistic, comprehensive and dynamic assessment processes among student teachers.
11. To develop an understanding of various statistical measures and their use for interpretation of results.

Assessment for learning

1. Understand the concept of Assessment
2. Critically evaluate different perspectives of Assessment to implement them
3. Understand the relationship between aims, objectives and learning outcomes
4. Critically evaluate different domains of learning from various theories.
5. Critical outlook among prospective teachers towards practices of assessment and selection.
6. Acquaint prospective teachers with an understanding of the concept and issues related to internal examination and external examination.
7. Enable prospective student teachers in understanding and analysing the psychosocial concerns of assessment.
8. Develop competencies among prospective teachers in using diverse methods and tools and techniques of assessment in an array of learning/performance outcomes of diverse learners.
9. Apply statistical application of mean, median, standard deviation, Percentile rank and its interpretation.

CORE COURSE 5 (CC 5) CONTEMPORARY INDIA AND EDUCATION

Objectives:

1. To understand the concept of Diversity as it exists in Contemporary Indian society
2. To understand the inequalities in Indian Society and the marginalization of the weaker sections
3. To understand the implications for education in coping with Diversity and Inequality to achieve Universal Education in Indian society
4. To critically understand the constitutional values related to the aims of education in a Democracy
5. To be acquainted with contemporary issues and policies and their origin with regard to Education in Indian society
6. To be acquainted with the relevant education commissions in the context of Liberalization, Privatization and Globalization

Learning Outcome of Contemporary India and Education

1. Understanding and addressing diversity in Indian society
2. Analyse the contemporary issues and policies; Naveen Taleem, RTE Act 2009, RMSA and their origin with regard to education in Indian society
3. Understand the emerging trends; Open and Distance Learning
4. Analyse the role of Mass media in education

5. Understanding various marginalized groups
6. Critically evaluate the role of education to address the needs of stratified and marginalized groups
7. Analyse various policies of educational commission and evaluate on recommendations given
8. Critically evaluate constitutional values and understand fundamental rights and duties to implement them.

ELECTIVE COURSE 3 (EC 3) ENVIRONMENTAL EDUCATION

Objectives:

1. To develop an understanding about the concept of environmental education, its need and principles.
2. To develop an understanding of the concepts of Environment and Ecology.
3. To develop an understanding about ecological energy dynamics and entropic pollution.
4. To generate an awareness about major environmental issues
5. To explore and appreciate environmental values depicted in ancient Religious Philosophies.
6. To develop an understanding of the various approaches of environmental education.
7. To create an awareness about the public efforts and government initiatives protecting and conserving environment.
8. To develop an understanding about the concept and need for sustainable development.
9. To develop a positive attitude towards protecting and conserving environment.
10. To develop skills of observation, participation and assessment through environmental projects.
11. To understand the status of environmental education in school curriculum
12. To understand the curriculum and methods in environmental education.
13. To acquire knowledge about the different methods of teaching in environmental education
14. To acquire knowledge of the tools and techniques for the evaluation of environmental education

Learning Outcomes

1. Develop an understanding about ecological energy dynamics and entropic pollution
2. Develop skills of observation, participation and assessment through environmental projects.
3. Understand the status of environmental education in school curriculum
4. Understand the curriculum and methods in environmental education.
5. Acquire knowledge about the different methods of teaching in environmental education tools and techniques for the evaluation of environmental education
6. Define multiple outcomes for environmental education.
7. Describe and critically reflect on research about what works and doesn't work in achieving different environmental education outcomes.
8. Discuss environmental education outcomes, research, and theories of change with peers.
9. Understanding the difference conferences took place to bring development in the environment.

INTERDISCIPLINARY COURSE 4 (IC 4) CREATING AN INCLUSIVE SCHOOL

Objectives

1. To discuss basic understanding of key concepts: diversity, disability and inclusion;
2. To gain insight into models of inclusion

3. To understand the diversities of abilities, classification and characteristics of students
4. To describe the national and international framework with reference to disability and inclusion;
5. To understand the curriculum and assessment adaptations for inclusive classrooms.
6. To describe the role general teachers, resource teachers and NGOs.
7. To identify and implement actions areas to make schools and classrooms more diversity friendly.

Learning Outcomes

1. Developing understanding of inclusion in Education.
2. Analysing the curricular issues in inclusion in Education.
3. .Developing ability for successful inclusion in classroom
12. Understand the diversities of abilities, classification and characteristics of students
13. Acquire knowledge of catering special needs.
14. Analyse and understand the national and international policies or significance who promotes inclusion for special needs children.
15. Provide educational concessions, facilities and provisions for CWSN.

CORE COURSE 3 (CC 3)

LEARNING AND TEACHING

Objectives

1. To develop an understanding of the concept of Learning.
2. To analyse the factors affecting Learning.
3. To analyse various theories of Learning.
4. To apply the Cognitive Perspectives of learning in the learning process.
5. To apply Constructivist perspectives of learning in the learning process.

Learning Outcomes

1. Understanding learning theories can result in a variety of outcomes, from improving communication between students and teachers to determining what students learn.
2. Define multiple outcomes of learning for transfer & its types and promoting transfer.
3. Analyse Group Dynamics, Stoichiometry and its Educational Implications.
4. Understand Bruce Tuckman's Revised Model for Group Development through Five Phases & analyse the role of Teacher in the students learning stage.
5. Developing the understanding of the need of differently abled children.
6. Using differentiated instruction and Multicultural education in classroom.
7. Developing understanding of teaching as profession
8. Analyse various theories of Learning.

