

**Rayat Shikshan Sanstha's**  
**AZAD COLLEGE OF EDUCATION, SATARA**  
**DIST. SATARA**

**PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES**

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## **Programme Outcomes -**

### **PO1 Teaching competency -**

To select and use of learner centred teaching method and appropriate assessment strategies for facilitating learning, to acquire necessary competencies for organizing learning experience , to strengthen the professional competencies , to apply ICT facilitating teaching learning process.

### **PO2 Pedagogical knowledge-**

To be empowered in pedagogical knowledge for creating effective teaching and learning environment.

### **PO3 Critical thinking -**

To analyse curriculum, syllabus and content of the subject and selected the appropriate teaching strategies, to develop an understanding of paradigm shift in conceptualization disciplinary knowledge in school curriculum.

### **PO4 Sensitive towards inclusion-**

To accumulate special students as indicated on their individualize education planes, to be able to interact with students form divers socio , economic and linguist back ground, to identify the diversities and dealing it in inclusive classroom environment.

#### **PO5 Professional communication skill-**

To use effective and appropriate verbal, non verbal written and media communication technique in teaching learning process.

#### **PO6 Professional responsibility-**

To built requisite attitude and value of teaching profession, to maintain an environment that fosters students learning, to demonstrate a commitment to ethical and equitable behaviour.

#### **PO7 Sensitive for emerging issues-**

To apply the acquired knowledge, skill and abilities to emerging issues like gender quality, environment, population etc.

#### **PO8 Educational research skill-**

To develop the problem solving ability related school problems through action research.

### **Programme Specific Outcomes -**

#### **The student teachers will be able to**

1. promote capabilities for including national values and goals as enshrined in the constitution of India
2. prepare professionally competent teacher to perform their roles as a teacher at secondary and higher secondary stage.
3. develop understanding about children of different age groups, through close observation and interaction with children from diverse socioeconomic and cultural backgrounds.

4. engage with studies on Indian society and education, acquire conceptual tools of sociological analysis and hands on experience of engaging with diverse communities, children and schools.
5. appreciate that all teaching is directed at learning, and that the learner is at the heart of teaching.
6. understand teaching as complex activity and as profession.
7. analyse teaching in diverse classroom.
8. be familiar with theoretical issues, and to develop competence in analysing current school practices and coming up with appropriate alternatives.
9. reflect on the nature and role of disciplinary knowledge in the school curriculum,
10. be exposed and trained to prepare pedagogic material and practice pedagogy which can develop abilities and confidence in their students to critically evaluate and challenge gender inequalities.
11. understand the epistemological and pedagogical bases of their own chosen school subject.
12. identify various dimensions of the curriculum and their relationship with the aims of education.
13. explore diverse methods and tools of assessing an array of learning/performance outcomes of diverse learners.
14. bring about an understanding of the 'cultures, policies and practices' that need to be addressed in order to create an inclusive school.

15. read and respond to a variety of texts in different ways and also learn to think together, depending on the text and the purposes of reading.
16. interpret and adapt ICTs in line with educational aims and principles.
17. develop understanding of student-teachers about themselves – the development of the self as a person and as a teacher, through conscious ongoing reflection.
18. gain experience with the child, the community and the school through the school engagement and school internship programme.
19. to cope with national and international demands in the school context.

## **Course Outcomes -**

### **Semester –I**

#### **Course – 1 : Childhood & Growing Up**

#### **Course Outcomes**

##### **To enable the student teacher to:-**

- 1) Understand the theories of child development.
- 2) Understand importance, nature & scope of child Psychology.
- 3) Understand fundamental needs of children.
- 4) Acquaint the methods of studying child behavior.
- 5) Factors influencing on them.
- 6) Understand process of concept formation / development.
- 7) Understand developmental characteristics with respective to childhood & adolescence.
- 8) Understand concept & methods of guidance & counseling.
- 9) Create sensitivity towards issues related to child development.
- 10) Understand the importance of concept child in the family.
- 11) Understand criteria of development of personality of child & Adolescent.

## **COURSE 2**

### **Contemporary India and Education**

#### **Course Outcomes**

##### **To enable student teachers**

1. to understand the social diversity and education.
2. to understand the contribution of constitution of Indian in education
3. to understand the present status of Indian education in pre and post era.
4. to understand the concept of school must be an ideal epitome of the society.
5. to understand the different Government policies of education.
6. to understand the different role of teachers at different levels.
7. to understand the concept and role of education in National integration and International understanding
8. to acquaint with the education for individual development.

## **Course -3**

### **Understanding Disciplines and Subject**

#### **Course Outcomes-**

1. To enable student teachers to reflect on the nature and role of disciplinary knowledge in the school curriculum.
2. To enable student teachers to know different disciplinary areas.
3. To enable student teachers to know the changing scenario in the disciplinary areas.
4. To enable student teachers to know the changing role of a teacher.

## **EPC -1**

### **Reading and Reflecting on Text**

#### **Course Objective—**

1. To enable student teachers for enhancing their ability in the language of instruction.
2. To enable the student teachers for strengthening their ability to read, think and discuss and communicate and write in the language of instruction.
3. To enable student teachers to develop test for and abilities in reading and making meaning of different kinds of texts.
4. To enable the student teachers to become self- learner, reflective, expressive and collaborative professionals.
5. To enable the student teachers to foster creative thinking among pupils for reconstruction of knowledge.

### **A-7 : LANGUAGE ACROSS THE SCHOOL CURRICULUM**

#### **OBJECTIVES:**

To enable the student teacher ----

1. to understand the language background of students.
2. to create sensitivity to the language diversity that exists in the classroom.
3. to understand the nature of classroom discourse and develop strategies for using oral language in the classroom.
4. to understand the nature of reading in the content areas in different school subjects.
5. to understand the nature of writing in specific content areas in school subjects.

## **Semester - II**

### **COURSE 4**

#### **LEARNING AND TEACHING**

**Course Outcomes: To enable student teachers to :--**

- 1) understand the theoretical base of psychology for learning & teaching.
- 2) understand the process of transfer of learning
- 3) acquisition of conceptual knowledge, its characteristics and nature of teaching process
- 4) understand the factors influencing and affecting on learning process
- 5) understand the relation between teaching and learning.
- 6) understand the concept of teaching as a planned activity
- 7) understand the use of various tools to study classroom dynamics.
- 8) become aware of different contexts of learning.
- 9) study the schools is a special environment for learning.
- 10) acknowledge that teaching as a profession.

#### **Course 5a : Part –I**

#### **KNOWLEDGE AND CURRICULUM PART-I**

**Objectives:-**

**To enable the student teacher to :**

1. understand the nature and importance of education and educational process.
2. understand the concept of child centered education with reference to the thinkers.
3. understand the need to study education in sociological perspective.
4. understand the education in relation to modern values like equity and equality, social justice and dignity.





**COURSE 6a - I : PEDAGOGY OF SCHOOL SUBJECT**  
**ENGLISH PART- I**

**Course Outcomes:**

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

1. develop an understanding of the nature of English language.
2. understand the place and importance of English in the present set up.
3. understand the aims and objectives of teaching English at upper primary and secondary schools in India.
4. develop activities and tasks for the acquisition of language skills.
5. identify devices, methods, approaches and support services for teaching English at upper primary and secondary levels.
6. understand constructivist approach to language teaching and learning.
7. understand about the teaching of prose, poetry, grammar and composition.

**COURSE 6a -I PEDAGOGY OF SCHOOL SUBJECT**  
**SANSKRIT PART - I**

**Course Outcomes :-**

- **After completion of the course the student teachers will be able to –**
- 1) understand the nature of sanskrit language and its place and importance in the present set up.
  - 2) understand the aims and objectives of teaching sanskrit at upper primary and secondary schools in india.
  - 3) select methods, maxims and techniques of sanskrit teaching.
  - 4) select proper methods of introducing new words.
  - 5) understand about the teaching of prose, poetry, grammar and composition.

## **COURSE 6a - I Pedagogy of School Subject Science Part- I**

**Course Outcomes:** To enable the student teacher to;

1. develop insight on the meaning, nature & scope of science for determining aims & strategy of teaching-learning.
2. appreciate that science is a dynamic & expanding body of knowledge.
3. understand the aims & objective of teaching science at secondary school.
4. understand the various instructional strategies & their use in teaching science.
5. develop the ability to formulate instructional objectives in term of behavioral out comes for teaching secondary school science.
6. develop the ability to plan & design various type of lesson in science.

## **COURSE 6a -I Pedagogy of School Subject Commerce Part –I**

**Course Outcomes-** To enable the student teacher to -

1. understand the characteristics and development of commerce, appreciate the role of commerce in the development of modern society.
2. understand the aims and objectives of teaching commerce is Higher secondary level.
3. understand the current issues and continuous development in commerce .
4. understands the techniques and devices of teaching of commerce .
5. develop the skill of using various methods of teaching of commerce.
6. prepare and use appropriate teaching instructions materials.

## **COURSE 6a -II Pedagogy of School Subject**

### **MATHEMATICS Part- I**

**Course Outcomes: To enable the student teachers to**

1. understand the meaning, nature & importance , characteristics and development of Mathematics.
2. understand and appreciate the role of mathematics in the development of modern society.
3. identify different types of correlation of Mathematics
4. familiarize with the revised version of Bloom's taxonomy of educational objectives
5. understand the aims & objectives of teaching Mathematics at secondary school.
6. understand the various instructional strategies and their use in teaching Mathematics.
7. understand various mathematical skills
8. develop the ability to write proper instructional objectives and their specifications for teaching secondary school Mathematics.
9. develop the ability to plan & design various types of lesson in Mathematics.
10. familiarize with various techniques useful for individualizing Mathematics instruction

## **COURSE 6a-II PEDAGOGY OF SCHOOL SUBJECT**

### **HISTORY PART- I**

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

1. know the meaning & nature of history.
2. correlate history with other subject.
3. understand the aims and objectives of teaching history at secondary school level.
4. understand the objectives of teaching history.

5. develop the ability to write the proper instructional objective and their specifications for teaching history at secondary school level.
6. be acquainted with methods for teaching history.
7. acquainted with professional development of teacher of the history.

## **Geography Part – I**

**Course Outcomes :** To enable student –teachers

- 1) to know the meaning, nature of Geography.
- 2) to understand the place & importance of Geography in secondary school curriculum.
- 3) to correlate Geography within the subject & with other subjects.
- 4) to understand the psychological perspectives of constructivism in teaching – learning of Geography.
- 5) to understand the general objectives of teaching Geography according to National curriculum framework 2005, state curriculum framework - 2010
- 6) to understand the syllabus of Geography at school level according to the curriculum framework NCF 2005 & SCF 2010.
- 7) be acquainted with Teaching strategies & learning resources in Geography.
- 8) to understand the assessment of learning in Geography.

## **COURSE 6a - II PEDAGOGY OF SCHOOL SUBJECT**

### **ECONOMICS PART-I**

**Course Outcomes:**

1. Develop an understanding of the nature of Economics.
2. Understand the place and importance of Economic in the present set up.
3. Understands the aims and objectives of teaching Economics is secondary and higher secondary school.
4. Develop activities and tasks for the acquisition of Economics.
5. Identify devices, methods, approaches and support services for teaching Economics at Secondary and Higher Secondary school levels.
6. Understand constructivist approach to teaching and learning.

7. To develop interest in Field work Economics survey outdoor.

## **Course 7**

### **Assessment for Learning**

**Course Outcomes :** The student teacher enable to –

1. understand the concept of measurement, assessment and evaluation.
2. understand the Dimensions and Purposes and need of Assessment of learning.
3. understand the policy perspectives on examinations and evaluation and their implementation practices
4. understand the Assessment of Group Processes.
5. develop an achievement test and its blue print.
6. understand the Construction of portfolios.
7. acquire knowledge of different types of tools and their uses in evaluation.
8. evolve an appropriate assessment tasks and tools to assess learners performance
9. understand the various statistical tools and their use for interpretation of results.
10. understand the use of assessment for feedback

## **EPC -2**

### **Drama & Art in Education**

**Course Outcomes:**

**To enable the student teachers to**

- Understand basics of different Drama & Art forms – impact of Drama& 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.

## SEMESTER III

### 6b -I Pedagogical of School Subject One Part –II

अभ्यासकम 6–अ–1 शालेय विषयाचे अध्यापन शास्त्र :

मराठी – भाग–2

उद्दिष्टे

प्रशिक्षणार्थीना

- 1 आशय वि लेषण ही संकल्पना समजून घेण्यास मदत करणे
- 2 मराठी भाषेचे अध्यापन करत असताना विविध अध्ययन स्रोतांचा वापर करण्यास मदत करणे
- 3 विद्यार्थ्यांना वार्षिक नियोजन, घटक नियोजन, पाठ नियोजन, घटक चाचणीचे नियोजन करण्यास सक्षम बनविणे
- 4 मूल्यमापनाच्या पध्दतींचे आकलन होण्यास मदत करणे
- 5 मराठी भाषेच्या अध्यापकाची गुणवै ि ष्टये समजण्यास मदत करणे
- 6 मराठी भाषेच्या अध्यापकासमोरील समस्या जाणून त्यावर उपाय भोधण्यास मदत करणे
- 7 मराठी विषयाच्या अध्यापकाची बदलती भूमिका जाणून घेण्यास सहाय्य करणे

## **COURSE 6b - I Pedagogy of School Subject**

### **Course 6 B1 - शालेय स्तर पर हिंदी भाषा का अध्यापन शास्त्रीय ज्ञान**

#### **भाग -2**

पाठ्यक्रम के उद्देश्य –

छात्राध्यापक को :-

1. शैक्षिक अनुभूतियों का परिचय कराना तथा मुद्रित सामग्री, दृश्य-श्राव्य सामग्री का विकसन एवं कक्षाध्यापन के दौरान प्रयोग करने में सक्षम बनाना।
2. हिंदी भाषा का अध्ययन शास्त्रीय विश्लेषण करने में सक्षम बनाना।
3. पाठ्यचर्या, पाठ्यक्रम एवं पाठ्यपुस्तक का परस्पर संबंध बताना एवं पाठ्यचर्या एवं पाठ्यक्रम निर्माण के तत्वों की जानकारी देना।
4. अच्छे पाठ्यपुस्तक के निकष के आधार पर माध्यमिक स्तर की किसी एक कक्षा के पाठ्यपुस्तक का आलोचनात्मक विश्लेषण करने में मदद करना।
5. शालेय नियोजन (वार्षिक, इकाई एवं पाठ नियोजन) समझकर, विविध नियोजन करने की क्षमता विकसित करना तथा इकाई जाँच परीक्षा की रचना एवं कार्यवाही करने में सक्षम बनाना।
6. भाषा मूल्यांकन की प्रक्रिया से परिचित करना।
7. हिंदी अध्यापक की शैक्षिक योग्यता, विशेषताएँ एवं गतिशील भूमिका को समझना।
8. शिक्षालयों में हिंदी अध्यापन की चुनौतियोंसे अवगत करना एवं उन चुनौतियों का समाधान ढूँढने के लिए प्रवृत्त करना।

## **COURSE 6b -I PEDAGOGY OF SCHOOL SUBJECT**

### **ENGLISH PART- II**

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

–

1. develop and use of learning resources in the classroom both print and audio visual resources and computer and web resources .
2. understand the pedagogical analysis of English language and content.

3. develop an insight into the symbiotic relationship between curriculum, syllabus and textbooks.
4. understand the steps of year plan, unit plan, lesson plans, and unit plan.
5. understand the process of language assessment.
6. understand the qualities and qualifications and changing role of an English teacher.
7. understands the problems faced by the teachers in teaching English in Indian schools.

## **COURSE 6 b - I : PEDAGOGY OF SCHOOL SUBJECT SANSKRIT PART II**

### **COURSE OBJECTIVES :-**

#### **After completion of the course the student teacher will be able to -**

- 1) develop and use of learning resources in the classroom both audio visual resources and computer resources.
- 2) understand the pedagogical analysis of sanskrit language and content.
- 3) prepare the various types of planning for sanskrit language.
- 4) identify difficulties in language learning and provide suitable remedial instruction.
- 5) acquainted with qualities and professional growth of sanskrit teacher and to help them in acquiring the same.

## **COURSE 6b - I : Pedagogy of School Subject Science Part- II**

### **Course Outcomes:** To enable the student's teacher to

1. Understand the pedagogical analysis of science.



2. Understand the need, importance & stages of planning of science.
3. Understand the various instructional approaches & their application in teaching science .
4. Understand the application of appropriate evaluation techniques in science .
5. Understanding preparation & use of diagnostic test & organize remedial teaching.
6. Acquaint the qualities professional growth of science teacher& help them in acquiring the same.
7. Acquire the knowledge of the content or science operating at the secondary school level according to teaching process.
8. Become a competent science teacher a teacher of all science.

### **COURSE 6b - I : Pedagogy of School Subject**

#### **Commerce Part –II**

**Course Objective – To enable the student teacher to**

1. develop and use of learning resources in the classrooms both print and audiovisual resources and computer, web resources.
2. understand the pedagogical analysis of commerce.
3. develop and insight into the symbolic relationship between curriculum , syllabus and text book.
4. understand the steps of year plan ,unit plan, lesson plan.
5. Understand the qualities and qualification and changing role of commerce teacher.

### **COURSE 6b - II Pedagogy of School Subject**

#### **MATHEMATICS Part- II**

**Objectives: To enable the student teachers to**

1. understand the modern trends in curriculum construction

2. familiarise with the principles of Curriculum organisation, approaches to mathematics curriculum and curriculum study groups
3. make the student teachers understand the need and importance of community based resources in the present scenario
4. understand the man made resources in the present context
5. make the student teachers familiar with the possibilities of the resource materials in the present context
6. acquire the knowledge of the content of Mathematics operating at the secondary school level according to teaching process.
7. understand the pedagogical knowledge analysis of Mathematics.
8. understand the need, importance & stages of planning instruction in Mathematics.
9. understand the application of appropriate evaluation techniques in Mathematics.
10. understanding preparation & use of diagnostic test and organize remedial teaching.
11. acquaint the qualities & professional growth of Mathematics teacher and help them in acquiring the same.
12. understand the various instructional approaches and their application in teaching Mathematics.
13. prepare and evaluate instructional materials in Mathematics.

## **COURSE 6b – II : PEDAGOGY OF SCHOOL SUBJECT HISTORY PART- II**

### **Course Outcomes:**

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

1. be acquainted with teaching learning resources for teaching history.
2. understand the assessment of learning in history.
3. develop the ability to plan and design various types of lesson in history.
4. acquainted with contextual issues of learning in historical context.
5. understand the pedagogical analysis of history.

## **COURSE 6b – II : Pedagogy of School Subject**

### **Geography Part- II**

**Course Objective :** To enable student teacher to-

- 1) be acquainted with Teaching strategies & learning resources in Geography.
- 2) to understand the assessment of learning in Geography.
- 3) to understand the construction approach in teaching learning of Geography.
- 4) be acquainted with research & development in teaching-learning of Geography.
- 5) be acquainted with professional development of Geography teacher.
- 6) to acquire basic knowledge & skills in Geography

## **COURSE 6 b – II: PEDAGOGY OF SCHOOL SUBJECT**

### **ECONOMICS PART-II**

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

1. develop and use of learning resources in the classroom both print and audio visual resources and computer and web resources.
2. Understand the pedagogical analysis of Economics and content.

3. Develop an insight into the symbiotic relationship between curriculum, syllabus and textbooks.
4. Understand the steps of year plan, unit plan, lesson plans, and unit plan.
5. Understand the process of economics assessment.
6. Understand the qualities and qualifications and changing role of an economics teacher.
7. Understands the problems faced by the teachers in teaching Economics in Indian schools.

## **SEMESTER IV**

### **COURSE 8 - Gender, School and Society**

**Course Outcomes :** To enable the student teachers to-

1. Develop basic understanding and familiarity with key concepts-genders gender bias 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 b :KNOWLEDGE AND CURRICULUM PART-II**

#### **Objectives –**

To enable the student-teacher to :

- 1) understand philosophy of education constitution Kothari commission NCF (2005) state policy on education 2010.

- 2) understand national and international awareness through Education.
- 3) realize the contribution of educational thinkers.
- 4) understand role of state in the curriculum.
- 5) understand role of hidden curriculum.
- 6) understand social reconstruction through curriculum.
- 7) understand the relation of curriculum and school practices.
- 8) help to analyze the textbook, teachers' handbook and child centered literature in reference to curriculum.
- 9) understand the role of teacher in implementation of curriculum.

## **Course 9 : Creating an Inclusive School**

**Course Outcomes :- To enable the students teacher :**

1. To understand Inclusive Education Concept and Nature
2. To understand the role of Inclusive school in modern times and meaning of Indiums school.
3. To understand the role of teachers in Inclusive Classroom.
4. To enable the students to organize inclusive Classroom.
5. To enable students to understand various types of students.

**अभ्यासकम : 10 ऐच्छिक अभ्यासकम**

**उच्च माध्यमिक स्तरावरील भालेय विषयाचे अध्यापन ास्त्र : मराठी**

**उद्दिष्टे**

**छात्राध्यापकांना**

1. मराठी भाषेच्या उपयोजित रूपाचे आकलन होण्यास मदत करणे.
2. मराठी भाषेच्या सर्जन णील उपयोजनासाठी सक्षम बनविणे.
3. उच्च माध्यमिक स्तरावरील मराठी अध्यापनाची उद्दिष्टे, मराठीच्या उपांगांचे अध्यापन व अभ्यासकमाची वै ि ाष्ट्ये समजून घेण्यास मदत करणे.
4. उच्च माध्यमिक स्तरासाठी मराठी अध्यापनाच्या पध्दती, अध्ययन अध्यापनातील नवप्रवाह समजून घेण्यास मदत करणे.
5. अध्यापनाची प्रतिमाने व अध्ययनाचे नाविन्यपूर्ण स्रोत जाणून घेण्यास मदत करणे.
6. अभ्यासकम आणि पाठ्यक्रम रचनेच्या स्वरूपाविषयी आकलन होण्यास मदत करणे.
7. मराठीच्या विविध उपांगांच्या पाठटाचणांचे नियोजन करण्यास सक्षम बनवणे.
8. मूल्यनिर्धारणाच्या प्रक्रियेचे आकलन होण्यास मदत करणे.

## अभ्यासक्रम-10 वैकल्पिक अभ्यासक्रम

उच्च माध्यमिक स्तर पर शालेय विषय का अध्यापनशास्त्र : हिंदी

कुल अंक – 50

पाठ्यक्रम के उद्देश्य –

छात्राध्यापक को :-

1. हिंदी भाषा का स्वरूप एवं स्थिती को समझाने में मदद करना।
2. उच्च माध्यमिक स्तर पर हिंदी भाषा शिक्षा के उद्देश्य, कौशल, विधाएँ एवं पाठ्यचर्या समझने में सक्षम बनाना।
3. दैनिक जीवन हिंदी भाषा के व्यावहारिक पक्ष को समझते हुए व्यवहार में सक्षम बनाना।
4. उच्च माध्यमिक स्तर पर हिंदी अध्यापन की विविध पध्दतियों, सहायक सामग्री एवं मूल्यांकन प्रक्रिया से परिचित कराना।

### **COURSE: 10 OPTIONAL COURSE**

### **PEDAGOGY OF SCHOOL SUBJECT AT HIGHER SECONDARY**

### **LEVEL: ENGLISH**

#### **Course Outcomes:**

After completion of the course the student teachers will be able to –

1. develop an understanding of the nature and role of English language.
2. understand the objectives and aspects of teaching English at senior secondary stage.
3. acquaint with the skills in English literary forms.
4. identify, methods, approaches, models of teaching and support services for teaching English at senior secondary stage.
5. understand the scope and nature of curriculum and syllabus construction.
6. understand the process of assessment at senior secondary stage.

**COURSE 10 – Optional Course**  
**PEDGOGY OF SCHOOL SUBJECT AT HIGHER SECONDARY**  
**LEVEL – SANSKRIT**

**Course Outcomes :- after completion of the course the student teachers will be able to –**

- 1) develop an understanding of the nature and role of sanskrit language.
- 2) understand the objectives and aspects of teaching sanskrit at senior secondary stage.
- 3) understand and develop the language skills.
- 4) understand the nature of curriculum and syllabus construction.
- 5) understand the process of assessment at senior secondary stage.

**COURSE 10 – Optional Course**  
**Pedagogy Of School Subject At Higher Secondary Level**  
**General Science**

**Course Outcomes :**

To enable the student teachers to

1. Comprehend the aims & the objectives of teaching Science at Higher Secondary Level.
2. Acquaint with the various instructional Strategies and their use in teaching Science.
3. Develop the ability to plan & design various types of lesson / learning plan for Science .
4. Understand the various strategies useful for individualizing Science instruction.
5. Familiarize with the modern trends in curriculum construction.
6. Familiar with the availability of the resource materials in the present context.

7. Acquire the knowledge of the content of Science operating at the Higher Secondary Stage according to teaching process.
8. Understand the pedagogical content analysis of Science.
9. Appreciate Science as a medium of engagement of every student.
10. Stimulate curiosity creativity & inventiveness in science.
11. Inculcate the qualities & Professional growth of science teacher.

### **COURSE 10 – Optional Course**

#### **Pedagogy of School Subject at Higher Secondary Level Commerce**

**Course Outcomes** – To enable the student teacher to -

1. Understand the characteristics and development of commerce.
2. Understand the aims and objectives of teaching commerce.
3. Develop the ability to plan and design various types of lesson in commerce.
4. Understand the various instructional strategies and their use in teaching commerce.
5. Understand the pedagogical and analysis of commerce.
6. Understand the application of appropriate evaluation techniques in commerce.
7. Understand the various instructional approaches.

### **COURSE 10 – Optional Course**

#### **Pedagogy of School Subject at Higher Secondary Level MATHEMATICS**

**Course Outcomes: To enable the student teachers to**

1. understand the aims & objectives of teaching Mathematics at Higher Secondary Stage.



2. understand the various instructional strategies and their use in teaching Mathematics.
3. develop the ability to plan & design various types of lesson for Mathematics.
4. familiarise with various techniques useful for individualising Mathematics instruction.
5. understand the modern trends in curriculum construction.
6. make the student teachers familiar with the possibilities of the resource materials in the present context.
7. acquire the knowledge of the content of Mathematics operating at the Higher Secondary Stage according to teaching process.
8. understand the pedagogical knowledge analysis of Mathematics.
9. acquaint the qualities & professional growth of Mathematics teacher and help them in acquiring the same.

## **PEDAGOGY OF SCHOOL SUBJECT AT HIGHER SECONDARY LEVEL: HISTORY**

**Course Outcomes** – After completion of the course the student teachers will be able to –

1. understand the aims and General objectives of teaching history at higher secondary school level.
2. Develop the ability to write the proper instructional objectives and their specification.
3. to be acquainted with the methods and strategies for teaching history.
4. To be acquainted with historical research Procedure.
5. To understand the data collection methods in historical researches.
6. to understand the role of eminent historian in writing History .

## **COURSE 10 – Optional Course**

### **Pedagogy of school subject at Higher secondary Level Geography**

#### **Course Outcomes**

After completion of the course the student teachers will be able to.

1. Develop an understanding of the nature & role of Geography.
2. Understand the objectives & aspects of teaching at higher secondary stage.
3. Identify methods, strategies, models of teaching & support services for teaching Geography at higher secondary stage.
4. Understand the scope & nature of curriculum & syllabus construction.
5. Understand the process of assessment at higher secondary level.
6. Acquaint with the skills in Geography.

## **COURSE 10 – Optional Course**

### **Pedagogy of school subject at Higher secondary Level Economics**

#### **Objectives.**

1. Acquires the knowledge of current higher secondary school syllabus of economics.
2. Understands the aims and objectives of teaching economics in higher secondary school.
3. Develop interest in economics subject among the pupils.
4. To understand the current issue and continuous development in economics.
5. Explain and understand the structure of economics.
6. Develop the ability to write proper instruction objectives and their specifications to teaching economics at Higher secondary school level.
7. Understand the pedagogical analysis of economics.

**COURSE 10 – Optional Course**  
**PEACE AND VALUE EDUCATION**

**Course Outcomes: To enable student teacher to acquire knowledge. Attitudes, values, skills and competencies to:**

1. Become aware of role of education in building peace as a dynamic social reality.
2. Understand and resolve conflicts within, and mediate others’.
3. Empower themselves and transcend barriers of identity.
4. Use pedagogical skills and strategies in and out of classroom for promoting peace at school level.
5. Act as agency to promote peace in the local community influencing school.
6. Comprehend the concept of peace education.
7. Recognize the importance of peace education in national development.
8. Know the pedagogy and evaluation for peace education.

**COURSE 10 – Optional Course**  
**GUIDANCE AND COUNSELING**

**OBJECTIVES :**

At the end of course, the student-teacher will be able to.

- 1) Understand concept, need, principles, objectives and bases of Guidance.
- 2) To describe the different services in the school guidance programme.
- 3) To acquire the skills necessary to administer and interpret standardized tools.
- 4) To know the qualities required for a good counselor.
- 5) Acquaint students to use techniques of Guidance and counseling.
- 6) To recognize the need of guidance and counseling in schools.

## **COURSE 10– Optional Course ENVIRONMENTAL EDUCATION**

**Course Outcomes :** To enable the student teachers

- 1) to develop knowledge and to understand related basic concepts of environment
- 2) to acquaint with the environmental issues and their remedies
- 3) to develop knowledge and understanding about environmental education through the conferences on it
- 4) to acquaint with the objectives, different approaches and strategies of environmental education
- 5) to develop awareness about management of water, land, plants, animals
- 6) to understand different movements projects and biodiversity of environment

### **Semester IV**

#### **EPC 3: Critical Understanding of Information Communication Technology(ICT)**

##### **Objectives:**

To enable student-teacher to:

- 1.development ability about use various ICT resources for teaching.
- 2.development skill to use computer system and use of computer in education.
3. to develop interact with wide variety of hardware, software application, devices and tools.
- 4.Understand the participation of knowledge society.
- 5.Identify and use of free access and open access.

## **Semester - 4**

### **EPC 4: Understanding the Self**

#### **Objectives:**

To enable the student teachers to,

1. develop understanding about self as a person and as a teacher.
2. develop social relational sensitivity.
3. develop effective communication skills.
4. develop a holistic and integrated understanding of human self and personality.
5. built resilience with in to deal with conflicts at different levels.
6. be aware of their identities and the political, historical and social forces that shape him/her.
7. revisit one`s childhood experiences and empathizing with others childhood.
8. understand issues of contemporary adolescence.
9. enhance ability of body and mind.