

# **Rareshwar Dongari Vikas Parishad's Adhyapak Mahavidhyalay**

affiliated to the

## **Savitribai Phule Pune University, Pune**

### **Programme Outcomes; Programme specific Outcomes and Course Outcomes**

The College gives priority for all round development of student-teachers with the help of all the available resources towards the achievement of its goal. All academic programmes and co-curricular activities are effectively organised for achieving the excellence as per the institution's moto for pursuit of Excellence. The college conducts B.Ed. Programme, the Programme Outcomes; Programme specific Outcomes and Course Outcomes are as follows-

#### **B. Ed. Two-year programme**

##### **(Choice Based Credit System, Annual pattern-2015)**

The Bachelor of Education Programme (B. Ed) is a professional course that prepares teachers for upper primary, secondary level and higher secondary level.

The two-year B.Ed. program has an annual pattern. The perspectives of education (core courses), specialized courses (optional courses), practicing constructivist teaching and learning (teaching courses), and developing professional capabilities (development courses) are the four course topics covered in the B.Ed. program's syllabus. They take the shape of theory and application. The most crucial component of the B.Ed. curriculum is the teaching courses, which are practical in nature.

The curriculum structure provides in-depth topic coverage along with intensive fieldwork including the child, school, and community. It consists of the following three major, linked curriculum areas:

I. Perspectives in education

II. Curriculum and Pedagogic studies

III. Engagement with the field

All the curricular areas include theoretical inputs along with the practical work from an interdisciplinary perspective.

#### **PROGRAMME OUTCOMES**

After successful completion of the two-year B.Ed. programme, student teachers will be able to-

To enable the student teacher:

1. to integrate the study of subject knowledge, human development, pedagogical knowledge and communication skill in student teachers.
2. to promote capabilities for inculcating national values and goals as mentioned in the Constitution of India.
3. to act as agents of modernization and social change.

4. to promote social cohesion, international understanding and protection of human rights and rights of the child.
5. to become competent and committed professionals willing to perform the identified tasks.
6. to use competencies and skills needed for becoming an effective teacher in a normal setup and in an inclusive setup.
7. to understand, develop and apply various evaluation procedures in education.
8. to be sensitive student teacher about emerging issues such as environment, population, gender equality, legal literacy, critical understanding of ICT, yoga education, etc.
9. to inculcate rational thinking and scientific temper among the students.
10. to develop critical awareness about the social realities among the students.
11. to use managerial and organizational skills.
12. to enrich himself/herself by actual engagement in the field.
13. to enable him/her to become aware about the day-to-day problems in the field and develop the capacity to solve them through research.
14. to develop an understanding of the interdisciplinary perspectives in education
15. to develop the habit of reflective teaching among the student teachers.
16. to enhance professional capacities like reading and reflecting on texts, understanding of self, understanding the use of drama and art in education, etc.

### **PROGRAMMES SPECIFIC OUTCOMES**

- 1) Enable to comprehend the development in physical, cognitive, social and emotional areas, contemporary issues and educational policies of education system in India, teaching- learning methods, strategies, epistemological basis of education, school management, professional ethics and observation of school activities by school internship.
- 2) Understand the individual differences among students, measuring the attainment, evaluating progress, and assessing learning abilities, guidance programmes and administering psychological tools. ICT based Communication and teaching and lesson planning.
- 3) Practice teaching in Schools, inculcate the real experiences of classroom teaching and online teaching for remote areas' students by using ICT.
- 4) Understand the classroom diversities and enable them to deal with diverse learners in Inclusive classroom setup, build skills and abilities of communication, reflection, self - expression and identifies the role of the entrepreneur in the society and various requirements of self-employment.

### **Course Outcomes**

#### **Course Outcomes: B.Ed. First Year**

#### **BED101: CHILDHOOD AND GROWING UP**

##### **Course Outcomes**

1. understand the growth and development of the learner and its importance in the teaching learning process with special reference to adolescent stage.
2. become aware regarding the individual differences among learners
3. Identify the educational needs of diverse learners.
4. Get acquainted with the new (contemporary) theories of learning.
5. Understand Political, Social and Cultural dimensions along with their implications on childhood and growing up.
6. Become familiar with the impact of mass communication media on childhood and growing up.

#### **BED 102: CONTEMPORARY INDIAN EDUCATION, GENDER & SOCIETY**

##### **Course Outcomes**

1. understand the concept and aims of education.
2. learn the concept of social change and process of social change.
3. develop gender sensibility amongst student teacher.
4. make student understand about the gender issues faced in school.
5. make them aware about constitutional provision regarding gender education.
6. identify the contemporary issues in education.
7. make them aware about the contribution of thinkers in education.

#### **BED 103: LEARNING AND TEACHING**

##### **Course Outcomes**

1. understand the concept of learning.
2. comprehend the theories of learning.
3. appreciate the idea of learning as construction of knowledge.
4. realize the connection between learning in school and learning outside school.
5. recognize the relationship between teaching and learning.
6. analyse the complex process of teaching.
7. acquaint themselves with different approaches of teaching that support learning.
8. value the relevance of reflection in the teaching learning process.
9. realize the significance of the context in which the teaching learning process occurs.
10. acknowledge that teaching is a profession.

## **BED 104: ASSESSMENT AND EVALUATION FOR LEARNING**

### **Course Outcomes**

1. understand the process of evaluation.
2. develop the skill in preparing, administering and interpreting the achievement test.
3. understand and use different techniques and tools of evaluation for learning.
4. comprehend the process of assessment for learning
5. develop skills necessary to compute basic statistical measures to assess the learning

## **BED 105: Advanced Pedagogy and Application of ICT**

### **Course Outcomes**

1. understand the concept of Advanced Pedagogy and its implementation in classroom
2. use of Pedagogical methods to meet the needs of diverse learners.
3. understand the concept, need and importance of ICT and its application in education
4. understand ICT based teaching-learning strategies & resources.
5. create awareness about appropriate use of ICT.
6. develop educational material using advanced pedagogical strategies and ICT tools.

## **BED- 106-01- UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS-**Marathi****

### **Course Outcomes**

- 1) To help the student teacher to understand the importance of mother tongue in individual development and social development.
- 2) To develop mother tongue in student teachers.
- 3) To encourage the acquisition of effective expressive skills through writing, speech in mother tongue.
- 4) Deep study of mother tongue and grammar and its appendages.
- 5) To develop right attitude towards mother tongue.
- 6) To give a broad introduction to the literary forms in Marathi.
- 7) To impart teaching skills of Marathi.
- 8) To understand the syllabus of Marathi subject from pre to 12th.
- 6) To know the vocabulary of applied Marathi language.

## **BED 106-02: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS-**Hindi****

### **Course Outcomes**

- 1.To help the student teacher develop his/her ability to speak, write and read Hindi.
- 2.To assist the student teacher in getting information related to the formation and development of Hindi language.
- 3.Motivate the student teacher to make a detailed study of the parts of Hindi language and grammar.
- 4.To motivate student teachers to make a close study of the curriculum and textbooks prescribed for secondary and higher secondary education levels.
- 5.To encourage student teachers to study the history of Hindi literature.
- 6.To introduce the student teacher to Hindi literary genres and well-known litterateurs.

## **BED 106-03: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS -**ENGLISH****

### **Course Outcomes**

1. acquire proficiencies in listening, speaking, reading, writing and communication skills.
2. acquaint with essential aspects of English Grammar and composition.
3. understand the scope of syllabi in English.
4. develop interest and attitude towards English as foreign language.

## **BED 106- 06: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS- **HISTORY****

### **Course Outcomes**

1. Understand the Indian Culture and World.
2. Realize the concept of Election Process.
3. Take interest in the study of Fundamental Rights & Human Rights.
4. Appreciate the significance and the role of Political Parties, Government Bodies.
5. Realize the Importance of the contribution of Shivaji Maharaj in History.
6. Realize the importance of Movements for Freedom.
7. Comprehend the concept of democracy and different religious diversity of India.

## **BED 106-07: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS- **GEOGRAPHY****

### **Course Outcomes**

1. To enable student teachers to revise the knowledge of all Branches of Geography subject at a school levels.
2. To enable the student teachers to understand the interdependence and interrelationship among the various concepts and processes in Geography Subject.
3. To enable student teachers to acquire the skills related to map and instruments in Geography.

4. To develop a technique of observation and reporting of Geographical phenomenon among student teacher.

5. To create interest of Geography subject among student teachers.

#### **BED 106-08: UNDERSTANDING DISCIPLINES AND SCHOOL**

##### **SUBJECTS GENERAL SCIENCE**

###### **Course Outcomes**

1. To enable student teacher to understand nature, scope & importance of general science at secondary level.
2. To enable student teacher to analyse the textbook & content of general science at secondary level.
3. To enable student teacher to Understand life on the earth.
4. To enable student teacher to Understand the basic concepts of different branches of chemistry.
5. To enable student teacher to Understand concepts in Physics.
6. To enable student teacher to familiarize facts, terms, concepts, laws & principles in general science.

#### **BED 106-09: UNDERSTANDING DISCIPLINES AND SCHOOL**

##### **SUBJECTS MATHEMATICS**

###### **Course Outcomes**

1. To enable student teacher to understand nature, scope & importance of Mathematics at secondary level.
2. To enable student teacher to analyse the textbook & content of Mathematics at secondary level.
3. To enable student teacher to understand basic concepts in Arithmetic, algebra, and Geometry.
4. To enable student teacher to familiarize facts, terms, concepts, laws & principles in Mathematics.
5. To enable student teacher to apply basic concepts of Mathematics in daily life.

#### **BED 106-10: UNDERSTANDING DISCIPLINES AND SCHOOL SUBJECTS ECONOMICS**

###### **Course Outcomes**

1. To enable the student teacher to understand the meaning, nature, scope & importance of Economics Subject & basic concepts of Economics.
2. To enable the student teacher to understand various sources of Income & Concept Types & Importance of Budget.
3. To enable the student teacher to understand meaning, features, types & basic problems of economy
4. To enable the student teacher to understand concept, causes & effects of inflation & measures to control it.
5. To enable the student teacher to know about P.D.S. & Consumer Protection.
6. To enable the student teacher to understand concept of Economic Growth, Economic Development & Quality of Human life & their importance.

7. To enable the student teacher to be aware about the major challenges before Indian Economy & their economic effects.
8. To enable the student teacher to know about economic reforms in India.
9. To enable the student teacher to understand the concepts of Micro & Macro Economics & their importance.
10. To enable the student teacher to know the meaning, scope & importance of Statistics in Economics.

**BED 107-01: PEDAGOGY OF THE SCHOOL SUBJECT **MARATHI****

**Course Outcomes**

1. To enable the student teacher to understand the nature, scope and importance of the subject.
2. To enable the student teacher to state the co-relation of the subject with other subjects.
3. To enable the student teacher to state the objectives of teaching of the subject at secondary and higher secondary level.
4. To enable the student teacher to explain and use the different methods, approaches and techniques of teaching learning of subject.
5. To enable the student teacher to explain and understand the structure of subject.
6. To enable the student teacher to explain importance and use of core elements, life skills and values.
7. To enable the student teacher to analyse the textbook and content.
8. To enable the student teacher to explain the concept and types of curriculums and syllabus.
9. To enable the student teacher to analyse the various resources in teaching learning of subject.
10. To enable the student teacher to Understand role and qualities of a good teacher.

**BED 107-02: PEDAGOGY OF THE SCHOOL SUBJECT **HINDI****

**Course Outcomes**

1. To enable the student teacher to understand the nature, scope and importance of the Hindi subject.
2. To enable the student teacher to know and understand the objectives of teaching of the subject at secondary and higher secondary level.
3. To enable the student teacher to explain the use of different methods of teaching Hindi.
4. To enable the student teacher to understand the role and responsibilities of good Hindi teacher.
5. To enable the student teacher to acquaint the learner with all learning resources of Hindi subject.

## **BED 107-03: PEDAGOGY OF THE SCHOOL SUBJECT ENGLISH**

### **Course Outcomes**

1. To enable the student teacher to understand the nature, scope and importance of the subject.
2. To enable the student teacher to State the objectives of the subject.
3. To enable the student teacher to explain and use different approaches, methods and techniques of teaching learning of subject.
4. To enable the student teacher to explain and understand the structure of subject
5. To enable the student teacher to explain the concept and types of curriculums and syllabus.
6. To enable the student teacher to explain the importance and use of core elements, values and life skills.
7. To enable the student teacher to analyse the text book and content.
8. To enable the student teacher to analyse the various resources in teaching learning of the subject.
9. To enable the student teacher to understand qualities of a good teacher.
10. To enable the student teacher to analyse and evaluate the new trends of current issues in the subject.

## **BED 107-06: PEDAGOGY OF THE SCHOOL SUBJECT HISTORY**

### **Course Outcomes**

1. To enable the student teacher to understand the nature, scope and importance of the subject.
2. To enable the student teacher to state the objectives of the subject.
3. To enable the student teacher to explain and use different approaches methods and techniques of teaching learning of subject.
4. To enable the student teacher to explain and understand the structure of subject.
5. To enable the student teacher to explain the concept and types of curriculums and syllabus.
6. To enable the student teacher to explain importance and use of core elements values and life skills.
7. To enable the student teacher to analyse the text book and content.
8. To enable the student teacher to analyse the various resources in teaching learning of subject.
9. To enable the student teacher to understand qualities of good teacher
10. To enable the student teacher to analyse and evaluate the new trends of current issues in subject.

## **BED 107-07: PEDAGOGY OF THE SCHOOL SUBJECT GEOGRAPHY**

### **Course Outcomes**

1. To enable the student teacher to understand the nature, scope and importance of the subject.
2. To enable the student teacher to state the objectives of the subject.
3. To enable the student teacher to explain and use different approaches, methods and techniques of teaching learning of subject.
4. To enable the student teacher to explain and understand the structure of subject.
5. To enable the student teacher to explain importance and use of core elements life skills & values.
6. To enable the student teacher to analyse the text book & content.
7. To enable the student teacher to explain the concept and types of curriculum and syllabus.
8. To enable the student teacher to analyse the various resources in teaching learning of subject.
9. To enable the student teacher to understanding qualities of good teacher.

## **BED 107- 08: PEDAGOGY OF THE SCHOOL SUBJECT GENERAL SCIENCE**

### **Course Outcomes**

1. To enable the student teacher to understand nature, scope & importance of general science at secondary & higher secondary level.
2. To enable the student teacher to analyse the textbook & content of general science at secondary & higher secondary level.
3. To enable the student teacher to implement methods & models of teaching learning of general science.
4. To enable the student teacher to acquire the competencies of general science teacher
5. To enable the student teacher to familiarize facts, terms, concepts, laws & principles in general science.

## **BED 107-09- PEDAGOGY OF THE SCHOOL SUBJECT MATHEMATICS**

### **Course Outcomes**

1. To enable the student teacher to understand nature, scope & importance of mathematics at secondary & higher secondary level.
2. To enable the student teacher to analyse the textbook & content of mathematics at secondary & higher secondary level.
3. To enable the student teacher to implement methods & models of teaching learning of mathematics.
4. To enable the student teacher to acquire the competencies of mathematics teacher
5. To enable the student teacher to familiarize facts, terms, concepts , laws & principles in mathematics.

## **BED 107-10: PEDAGOGY OF THE SCHOOL SUBJECT ECONOMICS**

### **Course Outcomes**

1. To enable the student teacher to understand the Nature, scope & importance of the subject.
2. To enable the student teacher to state the objectives of the subject.
3. To enable the student teacher to explain and use different approaches methods and techniques of teaching learning of subject.
4. To enable the student teacher to explain and understand the structure of subject.
5. To enable the student teacher to explain the concept and types of curriculum and syllabus.
6. To enable the student teacher to explain importance and use of core elements value & Life skills.
7. To enable the student teacher to analyse the text book and content.
8. To enable the student teacher to analyse the various resources in teaching learning of subject.
9. To enable the student teacher to understand qualities of good teacher.

### **Course Outcomes: B.Ed. Second Year**

## **BED 201 : Quality and Management of School Education**

### **Course Outcomes**

1. To enable the student teacher to understand the concept of Management.
2. To enable the student teacher to understand the concept of quality and enlist the dimensions of quality.
3. To enable the student teacher to understand the need and importance of school accreditation.
4. To enable the student teacher to acquire knowledge regarding the concept and process of Human Resource Management in school.
5. To enable the student teacher to get acquainted with the essential infrastructural resources for quality management.
6. To enable the student teacher to identify the problems and its management in secondary and Higher secondary education.
7. To enable the student teacher to become familiar with different types of school boards in India.
8. To enable the student teacher to understand the administrative set up of Government and function of supportive authorities.

## **BED 202 KNOWLEDGE & CURRICULUM AND LANGUAGE ACROSS THE CURRICULUM**

### **Course Outcomes**

1. To enable the student teacher to understand the sources and generation of knowledge.
2. To enable the student teacher to realize the interrelationship between knowledge, information and skills in the present social context.
3. To enable the student teacher to understand the dimensions of curriculum development

4. To enable the student teacher to understand the social basis of framing curriculum
5. To enable the student teacher to get acquainted with the views of Indian thinkers on the social basis of framing curriculum.
6. To enable the student teacher to comprehend the concept and relevance of multilingualism in the Indian context.
7. To enable the student teacher to get acquainted with the activity-based learning approaches.
8. To enable the student teacher to realize the concept and relevance of language in learning.
9. To enable the student teacher to become familiar with the strategies for developing language skills.

### **BED 203 SCHOOL AND INCLUSIVE SCHOOL**

#### **Course Outcomes**

1. To enable the student teacher to understand the concept & nature of Inclusive Education.
2. To enable the student teacher to examine the status of Inclusive Education in India.
3. To enable the student teacher to understand the National policies, programmes and Acts with respect to the disabled.
4. To enable the student teacher to familiarize with the nature and needs of different categories of disabled children.
5. To enable the student teacher to understand inclusive instructional strategies.
6. To enable the student teacher to train the students to cope in an Inclusive setup.
7. To enable the student teacher to realize the various issues and concerns related with creation of an inclusive culture in school.
8. To enable the student teacher to analyse the role of teachers and teacher educators in facilitating Inclusive Education.

### **BED204 -ELECTIVE SUBJECTS**

#### **BED204-01 GUIDANCE AND COUNSELLING**

#### **Course Outcomes**

1. To enable the student teacher to understand the concept and need of guidance.
2. To enable the student teacher to get acquainted with the principles and procedure of guidance.
3. To enable the student teacher to develop understanding about the role of school in guidance.
4. To enable the student teacher to understand the various areas in guidance.
5. To enable the student teacher to understand the concept, need and meaning of counselling.
6. To enable the student teacher to get acquainted with the principles and process of counselling.
7. To enable the student teacher to realize the qualities and role of a school counsellor.

8. To enable the student teacher to understand the tools and techniques in guidance and counselling.
9. To enable the student teacher to realize the need of counselling children with special needs and for parents.

### **BED 204-03-WOMEN EDUCATION**

#### **Course Outcomes**

1. To enable the student teacher to understand the need, importance and objectives of women education
2. To enable the student teacher to explain advantages of women education.
3. To enable the student teacher to identify the problems related to women education.
4. To enable the student teacher to understand the history of women education.
5. To enable the student teacher to know the contribution of Thinkers on women education.
6. To enable the student teacher to make aware student teacher about constitutional provisions and government strategies on women education.
7. To enable the student teacher to enlighten on current issues in women education and women empowerment

### **BED-204 07 DISASTER MANAGEMENT**

#### **Course Outcomes**

1. To enable the student teacher to understand the concept of Disaster and Disaster Management
2. To enable the student teacher to know act of Disaster Management
3. To enable the student teacher to comprehend what is Disaster Preparedness.
4. To enable the student teacher to get acquainted with manifesting the mitigation
5. To enable the student teacher to understand rescue from Disaster and Relief for Disaster
6. To enable the student teacher to get acquainted about the Disaster Risk Reduction concept.
7. To enable the student teacher to know Government Policies about Disaster Management

### **BED-205-01-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject-Marathi**

#### **Course Outcomes**

- १) मराठीभाषेचीमाध्यमिक व उच्चमाध्यमिक स्तरावरीलउद्दिष्ट्ये, भाषेचेस्वरूप व्याप्ती व महत्व समजावून घेणे.
- २) मराठीभाषा अध्यापनाच्याविविध पद्धती, उपक्रम व तंत्रे माहीत करून घेऊनत्यांचामाहीत करून घेऊनत्यांचावापरकरणे.
- (३) मराठी भाषेचीमाध्यमिक व उच्चमाध्यमिक स्तरावरीलपाठ्यपुस्तकाचे व आशयाचे विश्लेषण करणे.
- ४) मराठीभाषेचेऽयत्वासहावी व बारावीअंतर्गतव्याकरण व त्यावीउपांगेसमजावून घेणे.

(५) मराठीभाषेतील साहित्यप्रकारांची ओळख करून घेणे.

६) उपयोजित मराठीलेखनाची कौशल्ये आत्मसात करणे. मराठीभाषा

**BED-205-02-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject-**Hindi****

**Course Outcomes**

इसविषयक अध्ययन के उपरान्त छा. शिक्षक सक्षम होंगे:-

- १) हिन्दी भाषाका स्वरूप एवं संरचना समझना
- २) उच्चमाध्यमिक स्तर पर हिन्दीभाषा अध्यापन के उद्देश्य समझना
- ३) हिन्दीविषय की अध्यापन पद्धतियाँ स्पष्ट करना
- ४) हिन्दी विषय पाठ्यपुस्तक परीक्षण एवं आशय विश्लेषण करना
- ५) हिन्दी अध्ययन के विविध स्रोतों को समझना
- ६) हिन्दी अध्यापक के गुणों से परिचित होना
- ७) हिन्दी भाषाका व्याकरण समझना
- ८) हिन्दीभाषा के विविध रचनाप्रकारों को समझना
- ६) हिन्दी साहित्य के इतिहासको समझना
- (१०) हिन्दी की विभिन्न विधाओं एवं साहित्यिकों को समझना

**BED-205-03-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **ENGLISH****

**Course Outcomes**

1. To enable the student teacher to acquaint with essential aspects of English grammar and composition.
2. To enable the student teacher to develop interest and attitude towards English as foreign language.
3. To enable the student teacher to understand the nature of English as a subject at Higher Secondary Level.
4. To enable the student teacher to comprehend various methods of English Teaching.
5. To enable the student teacher to understand various learning resources in English Subject.
6. To enable the student teacher to create awareness about the qualities and competencies of English Teacher.

**BED-205-06-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **HISTORY****

**Course Outcomes**

1. To enable the student teacher to interpret the past for better understanding of the present.

2. To enable the student teacher to compare social, economic, cultural and political background of different civilizations of ancient and medieval world.
3. To enable the student teacher to study critically the impact of political, social, economic and cultural trends in various dynastic of ancient and medieval Bharat.
4. To enable the student teacher to develop the feeling of universal brotherhood and international harmony.
5. To enable the student teacher to develop critical and analytical thinking and problem-solving activity.
6. To enable the student teacher to apply the knowledge acquired in Historical Research.
7. To enable the student teacher to explain and implementation use of core elements, values and life skills.
8. To enable the student teacher to understand different evaluation techniques and procedures.
9. To enable the student teacher to explain the importance of CCM.

**BED-205-07-Additional Pedagogy Course Understanding disciplines and school subjects And pedagogy of School Subject **Geography****

**Course Outcomes**

1. To enable student teachers to revise the knowledge of all branches of Geography subject at a school level.
2. To enable the student teachers to understand the interdependence and interrelationship among the various concepts and processes in Geography Subject.
3. To enable student teachers to acquire the skills related to map and instruments in Geography.
4. To develop a technique of observation and reporting of Geographical phenomenon among student teacher.
5. To create interest of Geography subject among student teachers.
6. To understand the nature, scope and importance of the subject.
7. To state the objectives of the subject Geography.
8. To explain and use different approaches, methods and techniques of teaching learning of subject.
9. To explain and understand the structure of subject.
10. To explain importance and use of core elements, life skills and values.
11. To analyse the text book and content.
12. To analyse the various resources in teaching learning of subject.
13. To understand qualities of a good Geography teacher.

**BED-205-09-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject MATHEMATICS**

**Course Outcomes**

1. To enable student teachers to understand the basic concepts in arithmetic and algebra
2. To enable student teachers to understand the basic concepts in geometry and applied mathematics
3. To enable student teachers to understand nature, scope, place & importance of mathematics at secondary level
4. To enable student teachers to understand the objectives of mathematics subject and classroom objectives of mathematics subject
5. To enable student teachers to understand the concept of curriculum, syllabus and methods of construction of curriculum
6. To enable student teachers to analyse the textbook & content of mathematics at secondary level
7. To enable student teachers to acquaint with methods and models of mathematics teaching
8. To enable student teachers to realize the importance of mathematics laboratory
9. To enable student teachers to understand different types of learning resources for mathematics
10. To enable student teachers to acquire the competencies of mathematics teacher

**BED-205-10-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject ECONOMICS**

**Course Outcomes**

1. To enable student teachers to understand meaning, nature, scope, importance & basic concepts of economics.
2. To enable student teachers to understand major challenges before Indian Economy
3. To enable student teachers to understand the concept & scope of micro and macroeconomics.
4. To enable student teachers to understand basic concepts of teaching of economics.
5. To enable student teachers to understand and implement pedagogical approaches & learning resources of economics.
6. To enable student teachers to understand qualities of good economics teacher.

**BED-205-11-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)**

**Course Outcomes**

1. To enable student teachers to acquire basic knowledge of Computers.
2. To enable student teachers to make effective use of information and communication technology.

3. To enable student teachers to understand the concepts in Multimedia.
4. To enable student teachers to develop capabilities to access Information using Internet.
5. To enable student teachers to acquaint with basic techniques and knowledge required for computing applications.
6. To enable student teachers to be aware of cyber laws and ethics.
7. To enable student teachers to understand nature, scope & importance of ICT at secondary & higher secondary level.
8. To enable student teachers to analyse the textbook & content of ICT at secondary & higher secondary level.
9. To enable student teachers to implement methods & models of teaching learning of ICT.
10. To enable student teachers to acquire the competencies of ICT teacher

**BED-205-15-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **PHYSICS****

**Course Outcomes**

1. To enable student teachers to familiarize facts, terms, concepts, laws & principles in physics.
2. To enable student teachers to understand nature, scope& importance of physics at secondary & higher secondary level, correlation with other discipline.
3. To enable student teachers to analyse the textbook& content of physics at secondary & higher secondary level.
4. To enable student teachers to implement methods & models of teaching learning of physics.
5. To enable student teachers to acquire the competencies of physics teacher

**BED-205-16-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **CHEMISTRY****

**Course Outcomes**

1. To enable student teachers to familiarize facts, terms, concepts, laws & principles in chemistry.
2. To enable student teachers to understand the nature, scope& importance of chemistry at secondary & higher secondary level.
3. To enable student teachers to analyse the textbook& content of chemistry at secondary &higher secondary level.
4. To enable student teachers to implement methods& models of teaching learning of chemistry.
5. To enable student teachers to acquire the competencies of chemistry teacher

**BED-205-17-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **BIOLOGY****

**Course Outcomes**

1. To enable student teachers to familiarize facts, terms, concepts, laws & principles in biology.
2. To enable student teachers to understand nature, scope & importance of biology at secondary & higher secondary level. co-relation with other disciplines.
3. To enable student teachers to analyse the textbook & content of biology at secondary & higher secondary level.
4. To enable student teachers to implement methods & models of teaching learning of biology.
5. To enable student teachers to acquire the competencies of biology teacher

**BED-205-19-Additional Pedagogy Course Understanding disciplines and school subjects and pedagogy of School Subject **COMMERCE****

**Course Outcomes**

1. To enable student teachers to understand internal trade
2. To enable student teachers to understand forms of business organizations
3. To enable student teachers to understanding marketing process.
4. To enable student teachers to understand nature, significance, principles and functions of management.
5. To enable student teachers to understand nature, scope and importance of commerce at higher secondary level.
6. To enable student teachers to understand & implement methods & techniques of teaching-learning of commerce.
7. To enable student teachers to understand the competencies of commerce teacher.
8. To enable student teachers to understand various resources in teaching learning of commerce



  
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