

# Tilak College of Education, Pune

*affiliated to the*

**Savitribai Phule Pune University, Pune**

## **2.6.1 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. and M.Ed. Programmes, the Programme Outcomes; Programme specific Outcomes and Course Outcomes are as follows-

### **1. 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.

B.Ed. Programme is two years duration having annual pattern. The Syllabi of B.Ed. programme includes four different areas of course viz. Perspectives of education (core courses), Specialized courses (optional courses), Practicing for constructivist teaching learning (Teaching courses) and enhancing professional capacities (Development courses). They are in the form of Theory and Practical. In practical courses Teaching courses are the most important part of the B.Ed. programme. Curricular Areas of the Teacher Training Programme.

The programme structure offers a comprehensive coverage of themes and rigorous field engagement with the child, school and community. It comprises of three broad inter related curricular 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-

1. Integrate the study of subject knowledge, human development, pedagogical knowledge and

communication skill in student teachers.

2. Promote capabilities for inculcating national values and goals as mentioned in the constitution of India.
3. 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. Become competent and committed professionals willing to perform the identified tasks.
6. Use competencies and skills needed for becoming an effective teacher in a normal setup and in an inclusive setup.
7. Understand, develop and apply various evaluation procedures in education.
8. Be sensitive student teacher about emerging issues such as environment, population, gender equality, legal literacy, critical understanding of ICT, Yoga Education, etc.
9. Inculcate rational thinking and scientific temper among the students.
10. Develop critical awareness about the social realities among the students.
11. Use managerial and organizational skills.
12. Enrich himself / herself by actual engagement in the field.
13. 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. Develop an understanding of the interdisciplinary perspectives in education
15. Develop the habit of reflective teaching among the student teachers.
16. 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 and its different tools and software.

- 4) Understand the classroom diversities and enable them to deal with diverse learners in Inclusive classroom setup, education for human rights and women empowerment, environmental education and developing online content.

## **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.

#### **B.ED 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. analyze 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 BED 106-03:**

##### **ENGLISH**

##### **Course Outcomes**

1. Acquire proficiencies in listening, speaking, reading, and 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- 05: URDU****Course Outcomes**

1. To help student teachers to acquire skills in speaking, reading and writing Urdu.
2. To help student teachers to acquire linguistic skills.
3. To acquaint student teachers with different trends in Urdu content & grammar.
4. To help student teachers understand the scope of the syllabus in Urdu prescribed for std 6th To 12th.
5. To acquaint student teacher about different form of literature included in the text book.
6. To make student teacher aware about the famous writers & poet of Urdu prescribed in 6th to 12th text book.

**BED 106- 06: 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: GEOGRAPHY****Course Outcomes**

1. Revise the knowledge of all Branches of Geography subject at a school level.
2. Understand the interdependence and interrelationship among the various concepts and processes in Geography Subject.
3. Acquire the skills related to map and instruments in Geography.
4. Develop a technique of observation and reporting of Geographical phenomenon among student teacher.
5. Create interest of Geography subject among student teachers

**BED 106-08: GENERAL SCIENCE****Course Outcomes**

1. Understand nature, scope & importance of general science at secondary level.

2. Analyze the textbook & content of general science at secondary level.
3. Understand life on the earth.
4. Understand the basic concepts of different branches of chemistry.
5. Understand concepts in physics.
6. Familiarize facts, terms, concepts, laws & principles in general science.

### **BED 106-09: MATHEMATICS**

#### **Course Outcomes**

1. Understand nature, scope & importance of Mathematics at secondary level.
2. Analyze the textbook & content of Mathematics at secondary level.
3. Understand basic concepts in Arithmetic, algebra, and Geometry.
4. Familiarize facts, terms, concepts, laws & principles in Mathematics.
5. Apply basic concepts of Mathematics in daily life.

### **BED 106-10: ECONOMICS**

#### **Course Outcomes**

1. Understand the meaning, nature, scope & importance of Economics Subject & basic concepts of Economics.
2. Understand various sources of Income & Concept Types & Importance of Budget.
3. Understand meaning, features, types & basic problems of economy
4. Understand concept, causes & effects of inflation & measures to control it.
5. Know about P.D.S. & Consumer Protection.
6. Understand concept of Economic Growth, Economic Development & Quality of Human Course Outcomes life & their importance.
7. Be aware about the major challenges before Indian Economy & their economic effects.
8. Know about economic reforms in India.
9. Understand the concepts of Micro & Macro Economics & their importance.
10. Know the meaning, scope & importance of Statistics in Economics

### **BED 106-11: INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)**

#### **Course Outcomes**

1. Acquire basic knowledge of Computers.
2. Study the ICT tools.
3. Make effective use of information and communication technology.

4. Understand the concepts in Multimedia.
5. Develop capabilities to access Information using Internet.
6. Learn the basic concepts of Computer Networking.
7. Acquire skills for creation of Basic Web Pages.
8. Acquaint with basic techniques and knowledge required for computing applications.
9. Be aware of cyber laws and ethics.

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

##### **Course Outcomes**

1. Understand the nature, scope and importance of the subject.
2. State the co-relation of the subject with other subjects.
3. State the objectives of teaching of the subject at secondary and Higher secondary level.
4. Explain and use the different methods, approaches and techniques of Teaching learning of subject.
5. Explain and understand the structure of subject.
6. Explain importance and use of core elements, life skills and values.
7. Analyze the textbook and content.
8. Explain the concept and types of curriculum and syllabus.
9. Analyze the various resources in teaching learning of subject.
10. Understand role and qualities of a good teacher.

#### **BED 107-02: HINDI**

##### **Course Outcomes**

1. Know and understand the objectives of teaching of the subject at secondary & higher secondary level.
2. Explain the use of different methods of teaching Hindi.
3. Understand the role and responsibilities of good Hindi teacher.
4. Acquaint the learner with all learning resources of Hindi subject.

#### **BED 107-03: ENGLISH**

##### **Course Outcomes**

1. Understand the nature, scope and importance of the subject.
2. State the objectives of the subject.
3. Explain & use different approaches, methods, techniques of teaching learning Of subject.

4. Explain and understand the structure of subject
5. Explain the concept and types of curriculum and syllabus.
6. Explain the importance and use of core elements, values and life skills.
7. Analyze the text book and content.
8. Analyze the various resources in teaching learning of the subject.
9. Understand qualities of a good teacher.
10. Analyze and evaluate the new trends of current issues in the subject.

#### **BED 107-05-URDU**

##### **Course Outcomes**

1. Understand the nature, scope and importance of the subject.
2. Understand the co-relation of the subject with other subject.
3. Know and understand the objectives of teaching of the subject at secondary and higher secondary level.
4. Explain the use of different methods of teaching Urdu.
5. Understand the role and responsibilities of good Urdu teacher.
6. Acquaint the learner with all learning resources of Urdu subject.

#### **BED 107-06: HISTORY**

##### **Course Outcomes**

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



**BED 107-07: GEOGRAPHY****Course Outcomes**

1. Understand the nature, scope and importance of the subject. State the objectives of the subject.
2. Explain and use different approaches, methods and techniques of teaching learning of subject.
3. Explain and understand the structure of subject.
4. Explain importance and use of core elements life skills & values.
5. Analyze the text book & content.
- 6.. Explain the concept and types of curriculum and syllabus.
7. Analyze the various resources in teaching learning of subject.
8. Understanding qualities of good teacher.

**BED 107- 08: GENERAL SCIENCE****Course Outcomes**

1. Understand nature, scope & importance of general science at secondary & Higher secondary level.
2. Analyze the textbook & content of general science at secondary & higher Secondary level.
3. Implement methods & models of teaching learning of general science.
4. acquire the competencies of general science teacher
5. Familiarize facts, terms, concepts, laws & principles in general science.

**BED 107-09- MATHEMATICS****Course Outcomes**

1. Understand nature, scope & importance of mathematics at secondary & Higher secondary level.
2. Analyze the textbook & content of mathematics at secondary & higher Secondary level.
3. Implement methods & models of teaching learning of mathematics.
4. acquire the competencies of mathematics teacher
5. Familiarize facts, terms, concepts, laws & principles in mathematics.

**BED 107-10: ECONOMICS****Course Outcomes**

1. Understand the Nature, scope & importance of the subject.

2. State the objectives of the subject.
3. Explain and use different approaches methods and techniques of teaching learning of subject.
4. Explain and understand the structure of subject.
5. Explain the concept and types of curriculum and syllabus.
6. Explain importance and use of core elements value & Life skills.
7. Analyze the text book and content.
8. Analyze the various resources in teaching learning of subject.
9. Understand qualities of good teacher.

### **BED 107-11: INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)**

#### **Course Outcomes**

1. Understand nature, scope & importance of ICT at secondary & higher Secondary level.
2. Analyze the textbook & content of ICT at secondary & higher secondary level.
3. Implement methods & models of teaching learning of ICT.
4. Acquire the competencies of ICT teacher
5. Familiarize facts, terms, concepts, laws & principles in ICT.

### **BED 108: TEACHING COMPETENCY I: MICRO TEACHING, INTEGRATION AND SIMULATION LESSONS MICRO TEACHING**

#### **Course Outcomes**

1. Plan the Microteaching lessons under the guidance of teacher educator.
2. Conduct Microteaching lessons under the supervision of teacher educator.
3. Observe and give feedback on the Microteaching lessons given by peers.
4. Re-plan the Microteaching lessons under the guidance of teacher educator.
5. Re-conduct Microteaching lessons under the supervision of teacher educator.
6. Observe and give feedback on the Microteaching lessons given by peers.

### **INTEGRATION AND SIMULATION LESSONS**

#### **Course Outcomes**

1. Develop lesson plans for integrated lessons under the guidance of teacher educator.
2. Conduct integrated lessons under the supervision of teacher educator.
3. Observe and give feedback on the integrated lessons given by peers.
4. Develop lesson plans for Simulation lessons under the guidance of teacher educator.

5. Conduct Simulation lessons under the supervision of teacher educator.
6. Observe and give feedback on the Simulation lessons given by peers.

### **BED 109: TEACHING COMPETENCY II: TECHNOLOGY BASED TEACHING:**

#### **Course Outcomes**

1. Develop lesson plans for technology-based lessons under the guidance of teacher educator.
2. Conduct technology-based lessons under the supervision of teacher educator.
3. Observe and give feedback on the technology-based lessons given by peers.

### **TEAM TEACHING**

#### **Course Outcomes**

1. Develop lesson plans for team teaching lessons with team members under the guidance of teacher educator.
2. Conduct team teaching lessons under the supervision of teacher educator.
3. Observe and give feedback on the team-teaching lessons given by peers.

### **LESSONS USING MODELS OF TEACHING**

#### **Course Outcomes**

1. Develop lesson plans for lessons using models of teaching under the guidance of teacher educator.
2. Conduct lessons using models of teaching under the supervision of teacher educator.
3. Observe and give feedback on the lessons using models of teaching given by peers.

### **BED 110: TEACHING COMPETENCY III: PRACTICE LESSONS AND INTRODUCTION TO INTERNSHIP PRACTICE LESSONS**

#### **Course Outcomes**

1. Develop lesson plans of Practice teaching lessons under the guidance of the teacher educators.
2. Conduct practice teaching lessons in the school under the supervision of teacher educator.
3. Observe and give feedback on the practice teaching lessons of peers organized in the school.

## **INTRODUCTION TO INTERNSHIP**

### **Course Outcomes**

1. Observe the teaching of experienced school teachers.
2. Develop lesson plans under the guidance of the school teachers.
3. Observe the co-curricular and extracurricular activities organized in the school.
4. Assist the school teacher in her/his day-to-day work.

## **BED 111: A) CRITICAL UNDERSTANDING OF ICT**

### **Course Outcomes**

1. Plan lessons/ Project for teaching school subject by using ICT as a teacher
2. Plan activities for teaching school subject by using ICT as a teacher
3. Complete the activities as a student
4. Present the activities as a student
5. Publish the work in the form of Newsletter, Wikis and Blog etc.
6. Showcase the work to teacher educator and peers.

## **BED 111: B) CO-CURRICULAR ACTIVATES AND SOCIAL SERVICES**

### **Course Outcomes**

1. Participate in various co-curricular activities leading to their multifaceted personality development.
2. Comprehend the concept of social service.
3. Participate in various social service activities
4. Develop positive attitude to serve community in different ways.

## **BED 112: HEALTH AND YOGA**

### **Course Outcomes**

1. Understand the concept of Health.
2. Understand the concept of Yoga.
3. Comprehend the basic principle of Health and Yoga.
4. Practice Health and Yoga for learning

## **COURSE OUTCOMES: B.ED. SECOND YEAR**

### **BED 201: QUALITY AND MANAGEMENT OF SCHOOL EDUCATION COURSE**

#### **OUTCOMES**

##### **Course Outcomes**

1. Understand the concept of Management.
2. Understand the concept of quality and enlist the dimensions of quality.
3. Understand the need and importance of school accreditation.
4. Acquire knowledge regarding the concept and process of Human Resource Management in school.
5. Get acquainted with the essential infrastructural resources for quality management.
6. Identify the problems and its management in secondary and Higher secondary education.
7. Become familiar with different types of school boards in India.
8. Understand the administrative set up of Government and function of supportive authorities.

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

#### **CURRICULUM**

##### **Course Outcomes**

1. Understand the sources and generation of knowledge.
2. Realize the interrelationship between knowledge, information and skills in the Present social context.
3. Understand the dimensions of curriculum development
4. Understand the social basis of framing curriculum
5. Get acquainted with the views of Indian thinkers on the social basis of framing curriculum.
6. Comprehend the concept and relevance of multilingualism in the Indian context.
7. Get acquainted with the activity-based learning approaches.
8. Realize the concept and relevance of language in learning.
9. Become familiar with the strategies for developing language skills.

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

##### **Course Outcomes**

1. Understand the concept & nature of Inclusive Education.
2. Examine the status of Inclusive Education in India.
3. Understand the National policies, programmes and Acts with respect to the disabled.

4. Familiarize with the nature and needs of different categories of disabled children.
5. Understand inclusive instructional strategies.
6. Train the students to cope in an Inclusive setup.
7. Realize the various issues and concerns related with creation of an inclusive culture in school.
8. Analyze the role of teachers and teacher educators in facilitating Inclusive Education.

## **BED204 -ELECTIVE SUBJECTS-**

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

#### **Course Outcomes**

1. Understand the concept and need of guidance.
2. Get acquainted with the principles and procedure of guidance.
3. Develop understanding about the role of school in guidance.
4. Understand the various areas in guidance.
5. Understand the concept, need and meaning of counseling.
6. Get acquainted with the principles and process of counseling.
7. Realize the qualities and role of a school counselor.
8. Understand the tools and techniques in guidance and counseling.
9. Realize the need of counseling children with special needs and for parents.

### **BED204-02-EDUCATION FOR HUMAN RIGHTS AND PEACE EDUCATION**

#### **Course Outcomes**

1. Understand the concept of human rights and child rights.
2. Realize the importance and need of human rights and child rights.
3. Grasp the role of the Constitution in human rights and child rights.
4. Comprehend the concept of peace education.
5. Recognize the importance of peace education in national development.
6. Know the pedagogy and evaluation for peace education.

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

#### **Course Outcomes**

1. To understand the need, importance and objectives of women education
2. To explain advantages of women education.
3. To identify the problems related to women education.

4. To understand the history of women education.
5. To know the contribution of Thinkers on women education.
6. To make aware student teacher about constitutional provisions and government strategies on women education.
7. To enlighten on current issues in women education and women empowerment.

#### **BED204-04 LIFE LONG EDUCATION**

##### **Course Outcomes**

1. Define meaning concept and scope of Lifelong Learning
2. Understand the needs of improving access for Lifelong Learning
3. Apply the tools and techniques of Lifelong Learning.
4. Understand the learning process.
5. Develop the awareness of community practices for lifelong learning.

#### **BED 204-05 POPULATION EDUCATION AND FAMILY LIFE EDUCATION**

##### **Course Outcomes**

1. Understand the concept of population education.
2. Realize the importance and need of population education.
3. Comprehend the problems that arise out of uncontrolled population growth.
4. Understand the ideological base of quality of life and needs of family in the context of family life cycle.
5. Understand the concept of sexual health and develop insight into human sexuality and sexual behavior.
6. Examine population and other related policies and initiatives by government and NGOs.

#### **BED-204-06 EDUCATION FOR SUSTAINABLE DEVELOPMENT & ENVIRONMENTAL EDUCATION**

##### **Course Outcomes**

1. Understand concepts concerning various aspects of the Educational for sustainable Development.
2. Recognize dependence of human life on the environment.
3. Identify local and region-specific environmental problems.
4. Understand the role of individuals, society, the government, ICT and media in Protection, preservation and conservation of environment.

5. Develop awareness about rules, regulations and legal provisions for protection, preservation and conservation of the environment.
6. Develop awareness, desirable skills and appreciation for the protection, preservation and conservation of the environment.

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

##### **Course Outcomes**

1. Understand the concept of Disaster and Disaster Management
2. Know act of Disaster Management
3. Comprehend what is Disaster Preparedness.
4. Get acquainted with manifesting the mitigation
5. Understand rescue from Disaster and Relief for Disaster
6. To get acquainted about the Disaster Risk Reduction concept.
7. To know Government Policies about Disaster Management

#### **BED 204-08 INCLUSIVE EDUCATION**

##### **Course Outcomes**

1. To understand historical aspects of Inclusive Education
2. To review various policies for Inclusive Education
3. To understand the concept, need and principles of Inclusive Education
4. To know the importance of development of competencies for successful Inclusive Education
5. To understand the idea of inclusive school
6. To know the importance of collaboration among various factors of society for inclusive Education

#### **BED 204-09 INTRODUCTION TO EDUCATIONAL RESEARCH**

##### **Course Outcomes**

1. To understand the concept, need and importance of Research.
2. To make them aware of the various methods of types of research.
3. To help the learner to realize the research problem and try to find solutions through research.
4. Use the library, on line sources & other sources of knowledge for educational research.
5. To help the learner to prepare tools & techniques of educational research.



**BED-205- ADDITIONAL PEDAGOGY COURSE UNDERSTANDING DISCIPLINES AND  
SCHOOL SUBJECTS AND PEDAGOGY OF SCHOOL SUBJECT**

**BED-205-03-ENGLISH**

**Course Outcomes**

1. Acquaint with essential aspects of English grammar and composition.
2. Develop interest and attitude towards English as foreign language.
3. Understand the nature of English as a subject at Higher Secondary Level.
4. Comprehend various methods of English Teaching.
5. Understand various learning resources in English Subject.
6. Create awareness about the qualities and competencies of English Teacher.

**BED-205-06-HISTORY**

**Course outcomes**

1. Interpreted the past for better understanding of the present.
2. Compare social, economic, cultural and political background of Different civilizations of ancient and medieval world.
2. Study critically the impact of political, social, economical and cultural trends in various dynastic of ancient and medieval Bharat.
4. Develop the feeling of universal brotherhood and international harmony.
5. Develop critical and analytical thinking and problem-solving activity.
6. Apply the knowledge acquired in Historical Research.
7. Explain and implementation use of core elements, values and life skills.
8. Understand different evaluation techniques and procedures.
9. Explain the importance of CCM.

**BED-205-07-GEOGRAPHY**

**Course outcomes**

1. Revise the knowledge of all branches of Geography subject at a school level.
2. Understand the interdependence and interrelationship among the various concepts and processes in Geography Subject.
3. Acquire the skills related to map and instruments in Geography.
4. Develop a technique of observation and reporting of Geographical phenomenon among student teacher.
5. Create interest of Geography subject among student teachers.

6. Understand the nature, scope and importance of the subject.
7. State the objectives of the subject Geography.
8. Explain and use different approaches, methods and techniques of teaching learning of subject.
9. Explain and understand the structure of subject.
10. Explain importance and use of core elements, life skills and values.
11. Analyze the text book and content.
12. Analyze the various resources in teaching learning of subject.
13. Understand qualities of a good Geography teacher.

### **BED-205-08-GENERAL SCIENCE**

#### **Course Outcomes**

1. Familiarize facts, terms, concepts, laws & principles in general science.
2. Understand nature, scope & importance of general science at secondary & higher secondary level.
3. Analyze the textbook & content of general science at secondary & higher Secondary level.
4. Implement methods & models of teaching learning of general science.
5. Acquire the competencies of general science teacher

### **BED-205-09- MATHEMATICS**

#### **Course Outcomes**

1. Understand the basic concepts in arithmetic and algebra
2. Understand the basic concepts in geometry and applied mathematics
3. Understand nature, scope, place & importance of mathematics at secondary level
4. Understand the objectives of mathematics subject and classroom objectives Of mathematics subject
5. Understand the concept of curriculum, syllabus and methods of construction Of curriculum
6. Analyze the textbook & content of mathematics at secondary level
7. Acquaint with methods and models of mathematics teaching
8. Realize the importance of mathematics laboratory
9. Understand different types of learning resources for mathematics
10. Acquire the competencies of mathematics teacher.

**BED-205-10- ECONOMICS****Course Outcomes**

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

**BED-205-11- INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)****Course Outcomes**

1. Acquire basic knowledge of Computers.
2. Make effective use of information and communication technology.
3. Understand the concepts in Multimedia.
4. Develop capabilities to access Information using Internet.
5. Acquaint with basic techniques and knowledge required for computing applications.
6. Be aware of cyber laws and ethics.
7. Understand nature, scope & importance of ICT at secondary & higher secondary level.
8. Analyze the textbook & content of ICT at secondary & higher secondary level.
9. Implement methods & models of teaching learning of ICT.
10. Acquire the competencies of ICT teacher

**BED-205-12- GERMAN****Course outcomes**

1. Acquire proficiencies in listening, speaking, reading, writing and communication skills.
2. Acquaint with essential aspects of grammar and composition.
3. Understand the scope of syllabi in German.
4. Encourage the student-teacher to develop proper interest and attitude towards German as a foreign language.

**BED-205-13- FRENCH****Course Outcomes**

- 1 Acquire proficiencies in listening, speaking, reading, writing and communication skills.
- 2 Acquaint with the essential aspects of French language

- 3 Understand the different methods of teaching French
- 4 Develop interest and attitude towards French as a foreign language

### **BED-205-15- PHYSICS**

#### **Course outcomes**

1. Familiarize facts, terms, concepts, laws and principles in physics.
2. Understand nature, scope and importance of physics at secondary and higher Secondary level, correlation with other discipline.
3. Analyze the textbook and content of physics at secondary and higher secondary level.
4. Implement methods and models of teaching learning of physics.
5. Acquire the competencies of physics teacher

### **BED-205-16- CHEMISTRY**

#### **Course outcomes**

1. Familiarize facts, terms, concepts, laws and principles in chemistry.
2. Understand the nature, scope & importance of chemistry as secondary and higher secondary level.
3. Analyze the textbook & content of chemistry at secondary and higher secondary level.
4. Implement methods & models of teaching learning of chemistry.
5. Acquire the competencies of chemistry teacher

### **BED-205-17- BIOLOGY**

#### **Course outcomes**

1. Familiarize facts, terms, concepts, laws & principles in biology.
2. Understand nature, scope & importance of biology at secondary & higher Secondary level. Co-relation with other disciplines.
3. Analyze the textbook & content of biology at secondary & higher secondary level.
4. Implement methods & models of teaching learning of biology.
5. Acquire the competencies of biology teacher

### **BED-205-18- HOME SCIENCE**

#### **Course outcomes**

1. To understand the content of Home Science at Higher Secondary Level
2. To acquaint students about textiles.

3. To explain the nutrients in food.
4. To understand the objectives and methods of teaching home science at Higher Secondary Level.

### **BED-205-19-COMMERCE**

#### **Course outcomes**

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

### **BED-205-20-PSYCHOLOGY**

#### **Course outcomes**

1. Familiarize with the definition and branches of psychology.
2. Understand the nature, scope and importance of the subject.
3. State the objectives of the subject.
4. Explain and use different approaches methods and techniques of teaching-learning of the subject.
5. Explain and understand the structure of subject.
6. Explain the concept and types of curriculum and syllabus.
7. Explain importance and use of core elements values and life skills.
8. Analyze the text book and content.
9. Analyze the various resources in the teaching- learning of the subject.
10. Understand the qualities of a good teacher
11. Analyze and evaluate the new trends of current issues in subject.

### **BED-205-21-PHILOSOPHY**

#### **Course outcomes**

1. Understand the nature of philosophy
2. Explain the various theories of philosophy

3. Comprehend the nature of knowledge.
4. Know the Western and Indian sources of knowledge.
5. Understand the basic concept of philosophy.
6. Know the objectives of philosophy teaching at higher secondary level.
7. Understand various teaching learning sources of philosophy.
8. Enlighten qualities of philosophy.

#### **BED-205-22-SOCIOLOGY**

##### **Course outcomes**

1. Introduce the student teacher about meaning, nature, scope of sociology.
2. Make students aware of basic concepts of sociology and social system in India.
3. Understand concept of social stratification, social change, Socialization.
4. Introduce different stages of formation of Indian society.
5. Make student teacher aware of social problems in India.
6. Understand various learning resources of sociology.
7. Know the different teaching methodologies of sociology.
8. Understand the role and responsibilities of good sociology teacher.

#### **BED-205-23- POLITICAL SCIENCE**

##### **Course outcomes**

1. Introduce to student teacher various concepts from political Science.
2. Explain the political theory and contemporary world politics.
3. Comprehend the constitution of India
4. Understand various social political movements in India.
5. Know the objectives of political science at secondary level.
6. Understand various teaching learning sources of political science.
7. Know the pedagogy of political science.
8. Enlighten qualities of political science teacher.

#### **BED-205-24-LOGIC**

##### **Course outcomes**

1. Understand the nature of Logic.
2. Explain the various basic of Logic.
3. Understand the Traditional Logic and Predicate Logic.

3. Comprehend the nature of knowledge.
4. Know the Western and Indian sources of knowledge.
5. Understand the basic concept of philosophy.
6. Know the objectives of philosophy teaching at higher secondary level.
7. Understand various teaching learning sources of philosophy.
8. Enlighten qualities of philosophy.

### **BED-205-22-SOCIOLOGY**

#### **Course outcomes**

1. Introduce the student teacher about meaning, nature, scope of sociology.
2. Make students aware of basic concepts of sociology and social system in India.
3. Understand concept of social stratification, social change, Socialization.
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5. Make student teacher aware of social problems in India.
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7. Know the different teaching methodologies of sociology.
8. Understand the role and responsibilities of good sociology teacher.

### **BED-205-23- POLITICAL SCIENCE**

#### **Course outcomes**

1. Introduce to student teacher various concepts from political Science.
2. Explain the political theory and contemporary world politics.
3. Comprehend the constitution of India
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5. Know the objectives of political science at secondary level.
6. Understand various teaching learning sources of political science.
7. Know the pedagogy of political science.
8. Enlighten qualities of political science teacher.

### **BED-205-24-LOGIC**

#### **Course outcomes**

1. Understand the nature of Logic.
2. Explain the various basic of Logic.
3. Understand the Traditional Logic and Predicate Logic.

4. Know the objectives of Logic teaching at Higher Secondary Level.
5. Understand various teaching learning sources of logic.
6. Know the pedagogy of logic.
7. Enlighten qualities of logic.

#### **BED-205-26-YOGA EDUCATION**

##### **Course outcomes**

1. Provide information about yoga education
2. Make them aware about healthy habits and hygiene (food, personal and group).
3. Help children know correct postural habits of basic movements so as to avoid postural defects and physical deformities.
4. Understand the historical and philosophical basis of yoga.
5. Understand the therapeutic aspects of yoga.

#### **BED-205-28- VALUE EDUCATION**

##### **Course outcomes**

1. Understand the meaning and nature of Value Education.
2. Explain various types of values and social evils.
3. Understand the nature, scope objectives and methods of value education.
4. Develop the structure of value education.

#### **BED 206: TEACHING COMPETENCIES IV: PRACTICE LESSONS**

##### **Course outcomes**

1. Develop lesson plans under the guidance of teacher educator.
2. Conduct lessons in school under the supervision of teacher educator.
3. Observe and give feedback on the lessons given by peers.
4. Reflect on the teaching in the school.

#### **BED 207: TEACHING COMPETENCIES IV: INTERNSHIP**

##### **Course Outcomes**

1. Develop lesson plans and conduct lessons.
2. Develop a plan of evaluation for the unit taught.
3. Know the various types of records are prepared and maintained in the school.
4. Organize co-curricular and extracurricular activities in the school.



5. Observe, give feedback and reflect on the lessons given by peers.
6. Get a feel of total experience of teaching in the school.

#### **BED 209: - UNDERSTANDING OF SELF**

##### **Course Outcomes**

1. Develop an understanding of self as a person
2. Develop an understanding of self as a teacher
3. Engage himself/herself in continuous self-reflection
4. Get a holistic understanding about himself/herself
5. Become an integrated personality

#### **BED 210: - BASICS OF RESEARCH**

##### **Course Outcomes**

1. Develop the skills of doing research.
2. Write research proposal and report
3. Develop the skills of reviewing the literature.
4. Develop critical thinking and research attitude.
5. Collect and analyze the research data.
6. Develop an insight to solve educational problems in scientific manner.

#### **BED 211: - DRAMA AND ART IN EDUCATION**

##### **Course Outcomes**

1. Develop multicultural awareness and appreciation for Drama and Art by exposing learners to various forms of Drama and Art.
2. Develop a systematic, extensive and coherent knowledge and understanding of basic concepts in Drama and Arts and its relation to other disciplines of study.
3. Prepare and equip learners for teaching through performing modes.
4. Develop the ability to demonstrate the use of reflection and expression through art in the teaching-learning process.
5. Integrate learning experiences by demonstrating subject-related and transferable skills of other subjects to performing Art.
6. Interpret Indian Art and Culture and develop respect for it.
7. Build on their knowledge of Drama and basic Art and use it as pedagogy for enhanced learning outcomes at Secondary Level.

## **BED 212: - OPEN COURSE/ENTREPRENEURSHIP DEVELOPMENT**

### **Course Outcomes**

1. Make education as a tool to empower teacher.
2. Build self-awareness among the novice teacher about the professional opportunities.
3. Provide dynamic platform to the novice teacher to explore the professional strengths in the field of education.
4. Promote the professional competencies of the novice teachers.

## **2. M. Ed. (Master of Education) Two-year programme (Choice Based Credit System, Semester pattern)**

M.Ed. Programme is two years duration having 4 semesters. Syllabus of M.Ed. programme includes Theory and Practical Courses. In Theory Courses there are common core and theme based elective courses and in practical courses there is research dissertation which the most important part of the M.Ed. programme.

### **PROGRAMME OUTCOMES**

The M.Ed. programme is tailor-made and at the end of the programme, future teacher educators have

- Acquire diversified knowledge in the area of Teacher Education
- Understand the socio-economic-cultural and academic background of students of the B.Ed. program.
- Master the methods and techniques for developing competencies, commitment and performance skills essential in the teaching profession.
- Start to Appreciate the national education policies and provisions made in the plan to spread quality secondary education in the country, and the ways to equip would be secondary teachers for the same.
- Insight into the area of Research.

### **PROGRAMME SPECIFIC OUTCOMES**

Following are the M.Ed. Programme specific outcomes

- Develop Research skills
- Expertise in classroom management
- To Equip students – teachers in teaching learning process

- Understand the importance of curriculum transaction

## **Course Outcomes**

### **SEMESTER - I**

#### **MED 101 PSYCHOLOGY OF LEARNING AND DEVELOPMENT**

##### **Course Outcomes**

- Develop the understanding of the psychological basis of Education.
- Develop the understanding of the theories of development and personality.
- Understand the changing concept of Intelligence and creativity and its application.
- Understand the models of Teaching and their utility in the Teaching learning process.
- Understand the Theories of learning and their utility in the Teaching learning process.

#### **MED 102 HISTORY AND POLITICAL ECONOMY OF EDUCATION**

##### **Course Outcomes**

- Understand the process of historical development in India before and after Independence.
- Understand the interaction between political process, economic condition and education.
- Understand the impact of globalization on education at different levels.
- Start taking efforts to improve Human Development Index (H.D.I), educational reforms for improving Human Development Index in India.

#### **MED 103 EDUCATIONAL STUDIES**

##### **Course Outcomes**

- Knowledge about the widening horizons of education in globalization.
- Practical knowledge for Preparing the students for theory and research in an era of rapidly increasing racial, ethnic, linguistic, secular and caste-based diversity.
- Understand the importance of interdisciplinary in education.
- Understand the use and impact of technology in education.
- Learn how to prepare students to provide social service and leadership in culturally diverse, economically challenged democratic society through education.
- Learn how to encourage students to think critically and creatively the process of teaching and learning about the place of education in society.

#### **MED 104 INTRODUCTION TO RESEARCH METHOD**

##### **Course Outcomes**

- Understand the concept of research and educational research.
- Understand the types and methods of educational research.
- Understand the steps involved in educational research.
- Understand the use of different tools and techniques in educational research.
- Start using library, Internet Services and other sources of knowledge for educational research purpose.
- Understand the procedure to conduct the research in the educational field.

## **MED 105 COMMUNICATION & YOGA EDUCATION**

### **Course Outcomes**

- Learn to impart instruction in excellent way by acquiring associate skills.
- Acquire skills for conduct of interaction sessions.
- Acquire sessions for using communication adds.
- Start using own energy for self-development.
- Start to concentrate on focused activity.
- Start living in an organized manner

## **SEMESTER - II**

### **MED 201 - PHILOSOPHY OF EDUCATION**

#### **Course Outcomes**

- Develop understanding of the interrelationship between Philosophy and Education
- Develop appreciation of the basic tenets, principles and developments of the major Indian Schools of Philosophy and Educational thoughts of Indian Philosophers.
- Develop the appreciation of the basic tenet's principles and development of the major Western Schools of Philosophy.
- Acquire knowledge of human values and role of education.

### **MED 202 SOCIOLOGY OF EDUCATION**

#### **Course Outcomes**

- Develop the understanding of interrelationship between Sociology and Education.
- Develop appreciation of education as a means of social reconstruction
- Understand the bearing of various Political ideologies on Education.
- Understand the world problems like maintaining peace in diverse religious beliefs and

cultural customs and effects of terrorism on education.

### **MED 203 CURRICULUM STUDIES**

#### **Course Outcomes**

- Understand the meaning and concept of curriculum.
- Understand the foundations of curriculum development.
- Start to appreciate the need for continuous curriculum reconstruction.
- Understand the concept of curriculum evaluation.
- Develop awareness towards researches in curriculum development.

### **MED 204 PRE-SERVICE AND IN-SERVICE TEACHER EDUCATION**

#### **Course Outcomes**

- Understood the Concept of Teacher Education - Pre service & In-Service.
- Understand the nature and Agencies of Teacher Education.
- Gain the knowledge of levels of Teacher Education.
- Gain practical knowledge about enabling student teacher to develop curriculum & it's transaction.
- Understand development of Teacher Education in India & comparison of Teacher Education with other developed Countries.

### **MED 205 DISSERTATION PART – I (PROPOSAL AND REVIEW)**

#### **Course Outcomes**

- Understand the importance of research proposal in the process of educational research.
- Understand the steps involved in writing of educational research proposal.
- Understand the importance of review of related literature and research.
- Acquaint with skills of making review of related literature and research.

### **MED 206 INTERNSHIP IN TEACHER EDUCATION INSTITUTE**

#### **Course Outcomes**

- Develop familiarity with the Education College that is B.Ed. or D.Ed. college routine.
- Learn to manage and participate in the curriculum activities of the college.
- Train in organizing co-curricular activities for the students.
- Learn to manage and participate in the administrative functions of the College.
- Development and expand professional competencies, Skills, interest and expectations in

preparing for a career in the field of Teacher Education

- Integrate practical experience with classroom instruction for more complete learning process.

### **SEMESTER – III**

#### **MED 306 INCLUSIVE EDUCATION**

##### **Course Outcomes**

- Understand Inclusive Education concept and Nature
- Develop competencies for Inclusive classroom
- Learn to enable the students to impart inclusive instructions.
- Learn to enable the student to organise inclusive classroom.
- Learn to enable the student to assess inclusive classroom.

#### **MED 308: ADVANCED RESEARCH METHODOLOGY AND INFERENTIAL STATISTICS**

##### **Course Outcomes**

- Understand the concept of Research and Educational Research.
- Understand basics of qualitative research and techniques of qualitative data analysis.
- Start using the library, Internet services and other sources of knowledge for educational research purposes.
- Understand the role and use of statistics in educational research.
- Learn to select the appropriate statistical methods in educational research.
- Learn to take review the educational research articles.
- Start using computers for data analysis.

#### **MED 309 PERSPECTIVES RESEARCH AND ISSUES IN TEACHER EDUCATION**

##### **Course Outcomes**

- Understand issues and problems of Teacher Education.
- Developed insight regarding innovation in Teacher Education.
- Understand and conduct research in Teacher Education.
- Develop awareness towards new trends in Teacher Education.
- Understand professional development of Teacher Education.

#### **MED 310 INTERNSHIP IN SECONDARY / HIGHER SECONDARY**

##### **Course Outcomes**

- Start to explore the working environment of Secondary and Higher Secondary.

- Start explore classroom teaching activities and organization of school/Higher Secondary.
- Acquire knowledge of organization & Planning of evaluation process and extra-curricular activities based on Secondary & Higher Secondary.
- Develop & expand professional Competencies skills, interest and expectation in preparing for career as a teacher.

#### **MED 311 DISSERTATION PART – II (TOOL AND DATA ANALYSIS)**

##### **Course Outcomes**

- Learn to identify suitable tool, to adapt identified tool & to develop data Collection tool according to nature of inquiry.
- Start doing application various statistical tools & techniques for data analysis.
- Learn how to infer analysed data.

#### **MED 312 OPEN COURSE**

##### **Course Outcomes**

Open Courses give opportunity to faculty members to design and develop a course in order to acquaint the students with developing areas of teacher education or education. The syllabus of the Open Course is developed by the faculty and approved by the Post Graduate Academic Committee/Department Committee before the course is offered in the respective semester.

### **SEMESTER - IV**

#### **MED 401 EDUCATIONAL MANAGEMENT**

##### **Course Outcomes**

- Become effective manager of teaching /Administration of Education.
- Become an agent of change in various aspects of education i.e., Classroom management, curriculum construction, examination systems, educational policies.
- Become acquainted with the challenges and opportunities emerging in the management and administration in education.
- Become acquainted with the Central and State machinery for educational
- administration and management.
- Understand the finance, management of Education.
- Become familiar with the new trends and techniques of education.
- Insight into supervision, inspection and know trends of development

- Develop an understanding of the planning of education in India and its Socioeconomic context.

#### **MED 403 OPTIONAL - EDUCATION OF CHILDREN WITH SPECIAL NEEDS**

##### **Course Outcomes**

- Become acquainted with the historical perspective of special education.
- Promote the learner with an extensive purview of the knowledge about all exceptionalities and comprehend their inter-relatedness.
- Understand the policies and legislation in special Education in India.
- Understand the current and future needs, trends and issues related to special education.
- Develop awareness towards researches in special education in India.

#### **MED 404: GUIDANCE AND COUNSELLING**

##### **Course Outcomes**

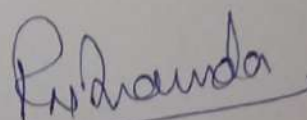
- Develop understanding of bases meaning, need and types of guidance
- Become acquainted with the tools and techniques of appraisal of an individual
- Become acquainted with the need and various ways of collection and dissemination of occupational information.
- Develop understanding of meaning characteristics and types of counselling
- Become acquainted with process and techniques of Counselling.
- Become acquainted with the importance of placement and follow up services.
- Become acquainted with meaning, purposes and out-line of job-study.
- Develop understanding about Counselling- research, issues and trends.

#### **MED 407 DISSERTATION – PART III (REPORT WRITING AND VIVA-VOCE)**

##### **Course Outcomes**

- Learn to plan & prepare good research report.
- Learn to write API Style/ Standards References.
- Become efficient in presenting his/her research work and explain it logically & scientifically.

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Principal

Tilak College of Education, Pune