

**Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution as per Panjab University, Chandigarh**

The program outcomes, program specific outcomes and the course outcomes have been clearly stated. These are in accordance with the syllabi prescribed by Panjab University, Chandigarh. The Program outcomes of B.Ed. and M.Ed. are intended towards making the education process a more holistic experience for the pupil teachers, whose main motive is not only the acquisition of knowledge but also the application of this acquired knowledge through practical training. This type of work experience can be gained through real life experiences. Besides this, students will attain various contemporary life skills like critical thinking, problem solving, analytic reasoning, cognitive skills, self-directed learning etc.(Annexure 2.6.1)

**Program Outcomes of B.Ed.**

Following are the program outcomes of Bachelor of Education (B.Ed.) Programme which an undergraduate student of B.Ed. should demonstrate/be aware of:

1. To develop a sense of professional commitment towards teaching profession.
2. To acquaint them with a variety of instructional strategies suited to different learning conditions.
3. To promote teaching strategies using ICT.
4. To facilitate improved student learning outcomes.
5. To develop communication skills among the pupil teachers.
6. To foster ethical integrity among the students
7. To enable them to practice inclusion and support diversity of studentsInteraction with students, parents and community
8. To enable them to understand the role of facilitator to ensure maximum student participation.
9. To train them to manage discipline problems, learning difficulties and challenging behaviour among the students.
10. To update the existing knowledge of the pupil teachers and to encourage them for their professional Growth.
11. To train them to design learning sequences and lesson plans
12. To give them hands-on-practice in real classroom teaching through internships
13. To acquaint them in using different evaluation strategies

14. To provide timely feedback to students about their progress.
15. To ensure mental health and students' well-being
16. To train them in using different counselling techniques
17. To help them to establish and maintain respectful collaborative relationships the community and parents/guardians

### **Program Specific Outcomes**

1. Commitment to the teaching profession would instil the values to guide the profession and seeking out new challenges/assignments that improve student learning.
2. The student-teachers will be able to use different instructional strategies to make the understanding of the learners effective.
3. The use of safe, responsible and ethical use of technology and ICT enable teaching learning would develop global competencies among the students.
4. The focus of entire teaching learning process would be to achieve the desirable learning outcomes.
5. Communication skills among the student teachers would help to articulate thoughts and ideas clearly/effectively. They will be able to present the information and explanations in a well-structured and logical manner. They will use effective verbal and non-verbal communication strategies to support their students' understanding, participation, engagement and achievement.
6. The ethical integrity would be required to meet the code of ethics and conduct established by the education systems and schools.
7. The policy and practice of inclusion taught to the teacher trainees would cater to the needs of all the students in the classroom, especially the differently abled students in the classroom.
8. Teachers as facilitators would be able to establish and implement inclusive and positive interactions to engage and support maximum student participation in classroom activities.
9. The ability of the student teachers to manage discipline, classroom management and learning problems would help to establish and negotiate clear expectations from the students and address discipline issues promptly, fairly and respectfully.
10. The enhanced knowledge base would help in transfer of learning among the students.

11. The logical learning sequence based on maxims of teaching and learning would make the learning easier for the students. The lesson plans using a variety of approaches would bring variety in learning.
12. The internship modules will enable the pupil teachers to understand the working of schools and anticipate the challenges related to teaching profession.
13. Training in different informal and formal, diagnostic, formative and summative assessment and evaluation techniques would help to monitor students' progress, evaluate the effectiveness of teaching and learning programmes.
14. Providing timely, effective and appropriate feedback to students will help to ascertain their achievement relative to their learning goals.
15. Sound physical and mental health would ensure a positive and congenial classroom climate.
16. The training in counselling techniques would address the personal, career related, education related issues of the students.
17. The collaborative relationships with the community will develop sensitivity towards the community members. It will also help to apprise the parents and guardians not only about their children's learning and well-being, but would ensure their participation in professional and community networks and forums to broaden knowledge and improve practice.
18. student assessment data to analyse and evaluate student understanding of subject/content, identifying interventions and modifying teaching practice.

### **Course Outcomes**

**As per Syllabi of B.Ed.( General), Panjab University, Chandigarh**

**(2017-19)**

### **COURSE OUTCOMES**

**AS PER SYLLABI OF B.ED.( GENERAL), PANJAB UNIVERSITY, CHANDIGARH**

**(2017-19), (2018-2020) &( 2019-2021)**

### **SEMESTER- I**

**COURSE CODE: F-1.1**

## **PHILOSOPHICAL BASES OF EDUCATION**

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

1. To have insight into the concept, types and role of education.
2. To acquire conceptual understanding of ideology of (Idealism, Naturalism and Pragmatism) different philosophies.
3. To study the philosophical views of Dewey, Rousseau, Tagore, Gandhi, Aurobindo and Abdul Kalam.
4. To explain the concept, sources, facets and role of teacher in knowledge construction.
5. To have insight into education and values.

### **COURSE CODE: F-1.2**

## **GROWTH AND DEVELOPMENT OF THE LEARNER**

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

1. To understand the concept, principles, factors affecting human growth and development.
2. To get familiar with different stages of growth and development and its educational implications. Understand relevance and applicability of various theories of development.
3. To get acquainted with importance of heredity and environment and human diversity.
4. To get familiar with the role of family, school, society, media and self in developmental process of the children.
5. To understand the importance of group dynamics and social cognition for development of personality.
6. To understand and critically examine the concept of Discipline and its implementation in Indian classrooms.
7. To learn the process of application of theory into practice.

### **COURSE CODE: F-1.3**

## **TECHNIQUES OF TEACHING**

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

1. To gain insight and reflect on the concept of teaching and the status of teaching as a profession.
2. To obtain total perspective of the role of techniques in educational practice.
3. To create an awareness about models of teaching and teaching-learning aids in Educational Technology.
4. To distinguish between communication and instruction in order to design sound instructional system.

#### **COURSE CODE: F-1.4**

#### **EDUCATION IN CONTEMPORARY INDIA**

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

1. To have insight into constitution of India in relation to education.
2. To understand features, ideals, values and diversities in Indian education.
3. To explain recommendations of various educational committees, commissions and contemporary policies.
4. To acquaint with the Indian educational system in post-independence era.
5. To acquaint with the current initiatives being taken in Indian education.
6. To sensitise to the emerging issues of concern in the field of education.

#### **COURSE CODE: F-1.5**

#### **ICT SKILL DEVELOPMENT**

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

1. To demonstrate understanding of the main components of the computer hardware in use.
2. To use various digital technologies (hardware and software) for creating resources and providing learning experiences for all types of learners (including differently abled).
3. To acquire the skills of operating a computer in multifarious activities pertaining to teaching.
4. To understanding features of MS office and their operations.
5. To develop skill in using MS-Word, PowerPoint and Spreadsheet.
6. To integrate technology in to classroom teaching learning strategies.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF AGRICULTURE**

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

1. To appreciate the importance of the subject.
2. To correlate Agriculture with other disciplines.
3. To develop power of critical thinking.
4. To use different methodologies and approaches for teaching Agriculture at the school stage.
5. To make students aware about various agricultural implements.
6. To transfer skills of sowing of Rabi and Kharif crops in India to their students.
7. To use the audio-visual aids in teaching of Agriculture.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF COMMERCE**

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

1. To develop an understanding of the content in commerce.
2. To acquire the knowledge of nature and scope of commerce.
3. To acquire the knowledge of history of commerce.
4. To develop an appreciation towards the role of commerce in daily life.
5. To develop the understanding of aims and objectives of teaching commerce.
6. To develop the understanding of the various methods, approaches and techniques of teaching commerce.
7. To develop an understanding of planning daily lessons and unit plan.
8. To apply the knowledge of methodology in their teaching

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF COMPUTER SCIENCE**

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

1. To acquire the knowledge of nature and scope of Computer Science.
2. To acquire the knowledge of history of Computer Science.

3. To develop an understanding of content of Computer Science at the Secondary School level.
4. To develop an understanding of aims and objectives of teaching Computer Science.
5. To develop an understanding of the various methods, approaches and techniques of teaching Computer Science.
6. To develop the skills required in preparing daily lesson plans and unit lesson plans using various methods and approaches.
7. To develop among students the skills required to critically analyze the syllabus of secondary school Computer Science curriculum.
8. To develop the appreciation towards the contributions of great personalities who contributed for the development of Computer Science.
9. To develop the appreciation towards the role of Computer Science in daily life.
10. To enable students to Use the knowledge of computers in class room teaching.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF ECONOMICS**

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

1. To acquire a conceptual understanding of Economics.
2. To acquire basic knowledge and skills to analyze and transact the Economics curriculum.
3. To develop an understanding of aims and objectives of teaching of Economics.
4. To sensitize and equip student teachers to handle Economic issues and concerns in a responsible manner.
5. To enable student teachers to examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
6. To realize her/his role as facilitator in enhancing Economics learning in the real classroom situation. To reflect upon her/his own experiential knowledge in the process of becoming an Economics teacher.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF ENGLISH**

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

1. To provide knowledge about nature of Language.
2. To enable the students to understand the pedagogy of the Language.
3. To improve linguistic skills of the students.
4. To improve practical use of the Language.
5. To provide detailed knowledge about Grammar.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF FINE ARTS**

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

1. To learn and understand the concept, importance and scope of art and to apply them in teaching and in daily life.
2. To acquaint with objectives and different principles of fine arts.
3. To develop the skill of using various teaching methods and techniques for teaching of fine arts.
4. To develop criticism and aesthetic sense.
5. To develop imagination and sense of appreciation and interest in teaching of fine arts.
6. To know about professional competencies of fine arts teacher.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF GEOGRAPHY**

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

1. To acquire conceptual understanding of the processes of teaching and learning Geography at secondary level.
2. To acquire basic knowledge and skills to analyze and transact the Geography curriculum effectively following wide-ranging teaching learning strategies.
3. To use different Instructional strategies for enhancing Geography learning in the real classroom situation.
4. To explore the relevance of different teaching learning resources and materials related to Geography.
5. To prepare teaching aids for effective Geography teaching.

**COURSE CODE: P-1.1 & P-1.2**



## **PEDAGOGY OF HISTORY**

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

1. To acquire a conceptual understanding of the nature of History.
2. To examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
3. To acquire basic knowledge and skills to analyze and transact the History.
4. To plan lessons based on different approaches to facilitate learning of History.
5. To develop learning materials on selected units to facilitate learning in History.
6. To understand different ways of assessing learner performance and providing additional support to the learners
7. To reflect upon her/his own experiential knowledge in the process of becoming a History teacher.
8. To sensitize and equip student teachers to handle social issues.
9. To realize her/his role as facilitator in enhancing History learning in the real classroom situation.
10. To explore the use and relevance of different learning resources and materials in learning different units in History.

**COURSE CODE: P-1.1 & P-1.2**

## **PEDAGOGY OF HOME SCIENCE**

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

1. To develop an understanding of the meaning and nature of Home Science for determining the aims and strategies of teaching learning.
2. To integrate Home Science knowledge with other school subjects.
3. To identify and formulate aims and objectives of Home science Teaching.
4. To critically evaluate the existing home science curriculum at secondary level.
5. To apply various approaches and methods of teaching home science.
6. To analyse different pedagogical issues in teaching home science.

**COURSE CODE: P-1.1 & P-1.2**

## **PEDAGOGY OF LIFE SCIENCE**

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

1. To gain insights on the meaning and nature of Life Science.
2. To appreciate Life Science as dynamic and expanding body of knowledge.
3. To identify and formulate aims and objectives of Life Science learning.
4. To use various methods and approaches of teaching learning Life Science.
5. To critically analyse the existing curricula in life science.
6. To select and use appropriate learning resources in Life Science.
7. To evaluate and select appropriate text books in life science.
8. To prepare as well as to select suitable instructional aids in teaching life science.
9. To develop insights into current trends in teaching of Life Sciences.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF MATHEMATICS**

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

1. To develop an insight into the meaning, nature, scope and objective of mathematics education.
2. To appreciate the role of mathematics in day-to-day life.
3. To appreciate the aesthetic aspect of mathematics.
4. To appreciate mathematics to strengthen the student's resource.
5. To learn important mathematics: mathematics is more than formulas and mechanical procedures.
6. To channelize, evaluate, explain and reconstruct their thinking.
7. To construct appropriate assessment tools for evaluating mathematics learning.
8. To appreciate the process of developing a concept.
9. To develop ability to use the concepts for life skills.
10. To develop competencies for teaching-learning mathematics through various measures.
11. To understand the nature of children's mathematical thinking through direct observations of children's thinking and learning processes.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF MUSIC**

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

1. To enable student teacher to understand the importance of Indian Music.
2. To provide knowledge of different methods and techniques of teaching music.
3. To acquaint student teacher with latest teaching skills.
4. To equip with various types of Ragas and different talas.
5. To enable student teachers to organise competitions.
6. To develop understanding & aesthetic sense in student.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF PHYSICAL EDUCATION**

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

1. To develop an understanding of aims, objectives and importance of phy.edu.in schools.
2. To understand the significance and practical use of Audio Visual Aid.
3. To make the Teaching of Physical Education. More interesting and innovative.
4. To develop awareness regarding first aid.
5. To develop awareness regarding Physical fitness and organic efficiency in individual and social life.
6. To promote Physical Education through means and methods of teaching.
7. To describe the relationship of Physical Education with other subjects.
8. To understand the importance of Physical Education room, equipment and play field.

**COURSE CODE: P-1.1 & P-1.2**

### **PEDAGOGY OF PHYSICAL SCIENCE**

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

1. To gain insight on the meaning and nature of Physical Science.
2. To appreciate Physical Science as dynamic and expanding body of knowledge.
3. To identify and formulate aims and objectives of Physical Science teaching.
4. To use various methods and approaches of teaching Physical Science.
5. To prepare as well as to select suitable instructional aids in teaching Physical Science and stimulate curiosity among the students.

6. To construct a blue print of question paper in Physical Science.
7. To understand recent trends in teaching learning of Physical Science.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF POLITICAL SCIENCE**

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

1. To acquire a conceptual understanding of the nature of Political Science.
2. To plan lessons, Units based on different approaches to facilitate learning of Social Sciences.
3. To enable student teachers examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
4. To acquire basic knowledge and skills to analyze and transact the Social Sciences.
5. To sensitize and equip student teachers to handle political issues.
6. To realize her/his role as facilitator in enhancing Social Sciences learning in the real classroom situation.
7. To explore the use and relevance of different learning resources and materials in learning different units in Social Sciences.
8. To develop learning materials on selected units to facilitate learning in Political Science.
9. To understand different ways of assessing learner performance and providing additional support to the learners.
10. To reflect upon her/his own experiential knowledge in the process of becoming a Political Science teacher.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF PUBLIC ADMINISTRATION**

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

1. To enable the pupil teachers to develop an understanding of aims and objectives of teaching of public administration.
2. To acquaint pupil teachers with pedagogy of Public Administration.
3. To develop the skill of lesson/unit plans and its presentation.

4. Have an overview and integrate the knowledge draw from various sources. Political Science, History, Psychology, Sociology Geography, laws, Economics.
5. To develop the understanding of micro teaching skills.
6. To develop concept of constitutional democracy

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF SCIENCE**

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

1. To understand the nature of science and appreciate science as dynamic and expanding body of knowledge.
2. To identify and formulate aims and objectives of science teaching.
3. To understand and use various methods and approaches of teaching science and develop scientific attitude among the students.
4. To select and use appropriate learning resources in science.
5. To understand the current trends in teaching of science.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF SOCIAL STUDIES**

**Course Outcomes:**

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

1. To acquire a conceptual understanding of the nature of Social Studies.
2. To acquire basic knowledge and skills to analyze and transact the Social Studies.
3. To develop learning materials on selected units to facilitate learning in Social Studies.
4. To plan lessons, Units based on different approaches to facilitate learning of Social Studies.
5. To enable student teachers examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
6. To sensitize and equip student teachers to handle social issues.
7. To realize her/his role as facilitator in enhancing Social Studies learning in the real classroom situation.

8. To explore the use and relevance of different learning resources and materials in learning different units in Social Sciences.
9. To understand different ways of assessing learner performance and providing additional support to the learners.
10. To reflect upon her/his own experiential knowledge in the process of becoming a Social Studies teacher.

**COURSE CODE: P-1.1 & P-1.2**

**PEDAGOGY OF SOCIOLOGY**

**Course Outcomes:**

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

1. To enable the pupil teachers to develop an understanding of aims and objectives of teaching of sociology.
2. To acquaint pupil teachers with different methods and techniques of teaching of sociology.
3. To acquaint the pupil-teachers with different audio-visual aids & utilization technique.
4. To integrate the knowledge draws from various sources History, Geography, and civics, Economics, Political Science, Psychology and Literature (languages).
5. To develop the skill of preparing of lesson plan & its presentation.

**COURSE CODE: EPC-1.1**

**DRAMA AND MUSIC IN TEACHING**

**Course Outcomes:**

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

1. To understand concept and scope of Drama and Music in Education.
2. To develop their aesthetic sensibilities.
3. To bring the Drama and Music into the center of exploration.
4. To explore the adaptive strategies of artistic expression.
5. To recognize the role of Drama and Music in education at school level.
6. To learn to identify areas that suit learning process through Drama and Music.

7. To explore the Role of teacher as a creative guide.

### **COURSE CODE: EPC-1.2**

#### **SIMPLE EXPRESSSIONAL COMPETENCIES**

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

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

1. To acquaint them with sketching for expression and communication purpose.
2. To develop sense of organization and an aesthetic sense in them.
3. To prepare/improve teaching aids for effective teaching learning.
4. To write legibly on Chalk Board.
5. To learn to handle and display teaching material.

### **COURSE CODE: EPC-1.3**

#### **PARTICIPATION IN SPORTS AND YOGA**

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

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

1. To understand the concept of health sports and yoga.
2. To make pupil teachers aware regarding the aims and objects of health and physical fitness components.
3. To inculcate interest for sports participation among pupil teachers.
4. To give them knowledge about layout and rules and regulations of the games.
5. To inculcate awareness for yoga and meditation.
6. To impart knowledge about good posture.
7. To inculcate the habit of taking a healthy diet.

### **COURSE CODE: EPC-1.4**

#### **PRE-INTERNSHIP**

**Course Outcomes:** After the completion of the internship programme, the student teachers will be able:

1. To become well acquainted with the classroom teaching environment.

2. To use effectively their teaching experience during the internship for real classroom teaching.
3. To understand the working of the school administration.

## **SEMESTER-II**

### **COURSE CODE: F-2.1**

#### **SOCIOLOGICAL BASIS OF EDUCATION**

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

1. To study education in a sociological perspective and comprehend the role of education as an agent of social change.
2. To imbibe the national ideals, national integration and appreciate the value of international understanding.
3. To critically examine the social, cultural and political aspects of educational process.

### **COURSE CODE: F-2.2**

#### **UNDERSTANDING THE LEARNER**

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

1. To understand nature of learning, factors affecting learning, various theories of learning and educational implications of transfer of learning.
2. To understand the importance of intelligence, different theories of intelligence and measurement of intelligence and its uses.
3. To become familiar with the concept of emotional intelligence and their role in promotion of emotional intelligence.
4. To get familiar with the identification and promotion of creativity among learners.
5. To understand the concept of personality and its assessment.
6. To know the concept and importance of mental health and motivation.
7. To get familiar with children with special needs.
8. To understand the basic concepts of elementary statistics.
9. To get acquainted with the administration and interpretation of psychological tests.

### **COURSE CODE: F-2.3**

#### **ASSESSMENT FOR LEARNING**



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

1. To understand the nature of assessment and its role in teaching learning process.
2. To critically analyze the role of assessment at different domains of learning.
3. To develop the skill of construction of testing tools.
4. To understand, analyze, manage and implement assessment data.
5. To examine different trends and issues in assessment.

**COURSE CODE: F- 2.4**

### **CURRICULUM AND UNDERSTANDING DISCIPLINES**

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

1. To explain concept, principles, approaches and types of curriculum.
2. To analyze various curriculum frameworks.
3. To explain the concept and types of disciplines.
4. To understand the nature, changes in disciplines and subjects in terms of social, political and intellectual context.
5. To study the relationship between academic disciplines and school subjects

**COURSE CODE: F-2.5**

### **SCHOOL MANAGEMENT**

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

1. To understand the concept and operational components of school management.
2. To enlist the physical resources of the school and the importance of their maintenance.
3. To understand the importance of social life in school and the Role of administrators and the Teachers.
4. To become successful teachers in their future endeavour of teaching.
5. To develop practical skills in organizing school programmes and activities.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF AGRICULTURE**

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

1. To conduct field studies and surveys independently.

2. To utilize leisure time usefully and fruitfully by engaging students in various types of constructive activities.
3. To write unit plans and lesson plans for effective teaching learning of Agriculture.
4. To organize co-curricular activities related to Agriculture.
5. To evaluate and select appropriate text books in Agriculture.
6. To organize practical work in Agriculture.
7. To construct appropriate assessment tools for evaluating learning of Agriculture.
8. To join various platforms available for professional growth.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF COMMERCE**

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

1. To acquire a conceptual understanding of the nature of commerce.
2. To acquire the knowledge of different activities organized by commerce associations.
3. To develop an appreciation towards the role of commerce in daily life.
4. To develop an understanding of planning daily lessons and unit lessons.
5. To explore the use and relevance of different learning resources in learning different contents in commerce.
6. To reflect upon his/her own experimental knowledge in the process of becoming a commerce teacher

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF COMPUTER SCIENCE**

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

1. To develop an understanding of the content in computer science.
2. To develop the understanding of resources for teaching computer science.
3. To develop the understanding of the various curricular activities in the teaching of computer science. To develop an understanding of evaluation and the concept of E-learning

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF ECONOMICS**

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

1. To acquire the conceptual understanding of pedagogic planning.
2. To enable the students frame behavioural objectives.
3. To acquire basic skills of lesson planning.
4. To sensitize the students about various types of learning material, resources and teaching aids.
5. To enable the pupil teachers to implement assessment and evaluation tools and techniques.
6. To reflect on the content areas listed in curriculum.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF ENGLISH**

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

1. To provide knowledge about various forms of Literature and methods of Teaching English.
2. To enhance teaching skills of the students.
3. To enable the students to prepare teaching aids and their uses.
4. To provide knowledge about preparation of lesson plan.
5. To develop evaluative skills of the students.

**P-2.1 & P-2.2**

**हिन्दी शिक्षण ( PEDAGOGY OF HINDI)  
( Kruti Dev 010)**

कुल अंक 50 ; 40, 10 आन्तरिक मूल्यांकन ढ

उद्देश्य :- भाषी शिक्षकों को -

- साहित्य की विभिन्न विधाओं व शिक्षण प्रक्रियाओं का ज्ञान करवाना।
- भाषायी कौशलों में दक्षता प्रदान करना।
- सहायक शिक्षण सामग्री के निर्माण व प्रयोग के योग्य बनाना।
- पाठ- निर्माण योजना का ज्ञान प्रदान करना।
- मूल्यांकन की योग्यता विकसित करना।

**P-2.1 & P-2.2**  
**PEDAGOGY OF PUNJABI**  
(Font : Amrit)

Total Marks: 50  
External Theory: 40  
Internal Practical: 10

**ਉਦੇਸ਼**

1. ਵਿਦਿਆਰਥੀ ਅਧਿਆਪਿਕਾ ਨੂੰ ਸਾਹਿਤ ਦੇ ਵਿਭਿੰਨ ਰੂਪਾਂ ਅਤੇ ਅਧਿਆਪਨ ਢੰਗਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ ।
2. ਭਾਸ਼ਾ ਅਧਿਆਪਨ ਵਿੱਚ ਵਿਆਕਰਨ ਦੇ ਮਹੱਤਵ ਤੇ ਜਾਣੂ ਕਰਵਾਉਣਾ ।
3. ਵੱਖ ਵੱਖ ਅਧਿਆਪਨ ਕੈਸ਼ਲਾਂ ਵਿੱਚ ਨਿਪੁੰਨ ਕਰਨਾ ।
4. ਸਹਾਇਕ ਸਮੱਗਰੀ ਦੇ ਨਿਰਮਾਣ ਅਤੇ ਪ੍ਰਯੋਗ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ।
5. ਪਾਠ ਯੋਜਨਾ ਨਿਰਮਾਣ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ।
6. ਮੁਲਾਂਕਣ ਦੀ ਯੋਗਤਾ ਦਾ ਵਿਕਾਸ ਕਰਨਾ ।

**P-2.1 & P-2.2**

संस्कृत विज्ञान : **PEDAGOGY OF SANSKRIT) ( Kruti Dev 010)**

Total Marks: 50  
External Theory: 40  
Internal Practical: 10

उद्देश्य :-

भाषी विज्ञानों को -

- साहित्य की विभिन्न विधाओं व विज्ञान प्रक्रियाओं का ज्ञान करवाना ।
- भाषायी कौशलों में दक्षता प्रदान करना ।
- सहायक विज्ञान सामग्री के निर्माण व प्रयोग के योग्य बनाना ।
- पाठ- निर्माण योजना का ज्ञान प्रदान करना ।
- मूल्यांकन की योग्यता विकसित करना ।

**COURSE CODE: P-2.1 & P-2.2**

**PEDAGOGY OF FINE ARTS**

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

1. To learn and understand the correlation of fine arts with other subjects.
2. To develop the skill of using text books-availability, criteria for selection etc.
3. To develop the Aesthetic sense.
4. To prepare lesson plan for teaching fine arts.
5. To develop imagination and sense of appreciation of arts and interest in teaching.
6. To knowledge about various elements and importance of six limbs in fine arts.

**COURSE CODE: P-2.1 & P-2.2**

**PEDAGOGY OF GEOGRAPHY**

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

1. To understanding the concept of pedagogic planning in teaching Geography.
2. To prepare Geography Lesson plans of different types & based upon different approaches.
3. To gain insight into the general aims and specific objectives of teaching Geography.
4. To select and use appropriate learning resources in teaching Geography.
5. To realize Geography teacher's role as a facilitator in enhancing Geography learning in the real classroom situation.
6. To set Geography Labs in schools and make effective use of the Geography laboratory Equipments.
7. To professionally develop them by participating in subject related conferences, seminars, workshops and projects.

**COURSE CODE: P-2.1 & P-2.2**

**PEDAGOGY OF HISTORY**

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

1. To develop an understanding about planning in teaching of history.
2. To acquire basic knowledge and skills to analyze and transact the historical issues.
3. To sensitize and equip student teachers to handle historical issues.
4. To develop an understanding about the need of equipments in teaching of history.
5. To develop an understanding about different ways of assessing learner's performance.

**COURSE CODE: P-2.1 & P-2.2**

**PEDAGOGY OF HOME SCIENCE**

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

1. To understand and use appropriate learning resources in Home Science.
2. To organize Co – curricular activities in Home Science.
3. To acquaint themselves with the organization of Home Science department and its maintenance.
4. To write unit plans and lesson plans for effective teaching in Home Science.
5. To prepare as well as select suitable instructional aids in teaching Home Science.
6. To understand the qualities and competencies of Home Science teacher.

## **COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF LIFE SCIENCE**

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

1. After completion of the course, the student teachers will be able to:
2. Write unit plans and lesson plans for effective teaching learning in Life Science.
3. Organise co-curricular activities related to Science.
4. Organise practical work and improvise Life Science apparatus.
5. Construct appropriate assessment tools for evaluating learning of life science.
6. Construct a blue print of question paper in Life Science.
7. Join various platforms to bring professional growth.

## **COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF MATHEMATICS**

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

1. To develop an understanding about pedagogical planning in teaching mathematics.
2. To appreciate the need of developing different types of lesson plans.
3. To develop the ability to understand the learner's strengths and weaknesses in mathematics.
4. To develop the skill of designing and using mathematics laboratory.
5. To develop an understanding in basic concepts of mathematics.
6. To develop an understanding about professional development and ethics of mathematics teachers.

## **COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF MUSIC**

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

1. To enable student teacher:
2. To understand the importance aims and objectives of teaching of Indian Music.
3. To provide knowledge of different methods and techniques.
4. To equip with various types of Ragas and different talas.

5. To enable student teachers to organise competitions.
6. To develop understanding & aesthetic sense in student.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF PHYSICAL EDUCATION**

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

1. To make the teaching of Physical Education more interesting and innovative.
2. To describe the relationship of Physical Education with other subjects.
3. To understand the importance of Physical Education text book.
4. To know balance diet good food habits and common communicable diseases.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF PHYSICAL SCIENCE**

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

1. To write lesson plans for effective teaching in Physical Science.
2. To select and use appropriate learning resources in Physical Science.
3. To organize practical work and improvise Physical Science apparatus.
4. To understand the intricacies and significance of evaluation in Physical science.
5. To join various platforms to bring professional growth.

**COURSE CODE: P-2.1 & P-2.2**

### **PEDAGOGY OF POLITICAL SCIENCE**

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

1. To develop an understanding about planning in teaching of political science.
2. To acquire basic knowledge and skills to analyze and transact the political issues.
3. To sensitize and equip student teachers to handle political issues.
4. To develop an understanding about the need of equipments in teaching of political science.
5. To develop an understanding about different ways of assessing learner's performance in political science

**COURSE CODE: P-2.1 & P-2.2**

## **PEDAGOGY OF PUBLIC ADMINISTRATION**

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

1. To develop ability to organize curriculum of Public Administration.
2. To acquaint the pupil-teachers with different audio-visual aids.
3. To acquaint the pupil-teachers with recent trends in Public Administration.
4. To preparation and make effective use of teaching aids.
5. To acquaint the pupil-teachers with different audio-visual aids.
6. To develop proper understanding of modern concepts and tools of Evaluation.

**COURSE CODE: P-2.1 & P-2.2**

## **PEDAGOGY OF SCIENCE**

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

1. To plan lessons for effective teaching in science.
2. To organize various co-curricular activities in science.
3. To organize practical work and improvise science apparatus.
4. To develop insight into various learning resources in science.
5. To understand evaluation and Construct blue print of a question paper.
6. To analyze the content pedagogically.

**COURSE CODE: P-2.1 & P-2.2**

## **PEDAGOGY OF SOCIAL STUDIES**

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

1. To acquaint the pupil teachers with Plan lessons, Units based on different approaches to facilitate learning of Social Studies.
2. To enable student teachers examine the prevailing pedagogical practices in classrooms critically and to reflect on the desired changes.
3. To realize her/his role as facilitator in enhancing Social Studies learning in the real classroom situation.
4. To explore the use and relevance of different learning resources and materials in learning different units in Social Sciences.



5. To understand different ways of assessing learner performance and providing additional support to the learners.

**COURSE CODE: P-2.1 & P-2.2**

**PEDAGOGY OF SOCIOLOGY**

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

1. To develop an understanding and Knowledge pupil teachers concerning curriculum organization of sociology.
2. To understand the approaches of curriculum of sociology.
3. To acquaint the pupil-teachers with recent trends in sociology.
4. To develop national and international understanding in teaching & Sociology.
5. To develop proper understanding of different techniques of evaluation.
6. To develop concept of social group and social mobility.

**COURSE CODE: EPC-2.1**

**WORK EXPERIENCE PROGRAMME - CANDLE MAKING**

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

1. To provide hands on experience and develop dignity of work.
2. To develop sense of organization and aesthetic sense in students.
3. To provide opportunities for creative expression.
4. To enable them to make different types of candles.

**COURSE CODE: EPC-2.1**

**WORK EXPERIENCE PROGRAMME - CLAY MODELLING**

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

1. To develop creativity and imagination.
2. To develop a sense of beauty.
3. To develop a sense of organization and an aesthetic sense in them.
4. To prepare /improve teaching aids for effective teaching learning.
5. To learn to handle and display teaching material.

**COURSE CODE: EPC-2.1**

## **WORK EXPERIENCE PROGRAMME - GARDENING**

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

1. To understand the basics behind a good plantation.
2. To understand the need and importance of manures and fertilizers in gardening.’
3. To understand seed germination.
4. To pot a plant

**COURSE CODE: EPC-2.1**

## **WORK EXPERIENCE PROGRAMME - HOME CRAFT**

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

1. To provide hands on experience and develop dignity for work.
2. To develop sense of organization and aesthetic sense in students.
3. To provide opportunities for creative expression.
4. To acquaint the students with different methods of cooking.

**COURSE CODE: EPC-2.1**

## **WORK EXPERIENCE PROGRAMME - INTERIOR DECORATION**

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

1. To develop admiration for decoration.
2. To understand the color coordination.

**COURSE CODE: EPC-2.1**

## **WORK EXPERIENCE PROGRAMME – PHOTOGRAPHY**

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

1. To find beauty in things around them.
2. To develop sense of admiration, beauty and creativity.
3. To understand the difference in photographing from different angles.

**COURSE CODE: EPC-2.2**

## **ICT PRACTICAL**

**Course outcomes:** The practical course will enable the student teachers to:

1. Demonstrate understanding of the main components of the computer hardware in use.
2. Use various digital technologies (hardware and software) for creating resources and providing learning experiences for all types of learners (including differently abled).
3. Understand features of MS office and their operations.
4. Develop skill in using MS-Word, PowerPoint and Spreadsheet.
5. Integrate technology with classroom teaching learning strategies.

**COURSE CODE: EPC-2.3**

### **PARTICIPATION IN SPORTS AND YOGA**

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

1. To understand the importance of yoga and sports for healthy living.
2. To understand how to perform various asanas.
3. To understand the rules involved in various sports.

**COURSE CODE: EPC-2.4**

### **PRE-INTERNSHIP**

**Course outcomes:** After the completion of the internship programme, the student teachers will be able:

1. To become well acquainted with the classroom teaching environment.
2. To use effectively their teaching experience during the internship for real classroom teaching.
3. To understand the working of the school administration.

### **SEMESTER –III**

**COURSE CODE: EPC-3.1**

### **SCHOOL INTERNSHIP PROGRAMME**

**Course outcomes:** Student teachers will learn to:

1. Write and demonstrate micro, macro, diary, ICT, test based and teaching model based lesson plans.

2. Develop audio visual aids in each subject.
3. Teach in the real classroom environment.

## **SEMESTER IV**

### **COURSE CODE: F-4.1**

#### **GENDER, SCHOOL AND SOCIETY**

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

1. To develop basic understanding of key concepts Gender bias, gender stereotype, empowerment, equity and equality, patriarchy, masculinity and feminism.
2. To learn about the gender issues in school curriculum, text books and pedagogical processes in the classroom and its interaction with class, caste, religion and region.
3. To understand the role of education in ensuring gender equity and equality.
4. To appreciate the policy initiatives taken in relation to gender issues.

### **COURSE CODE: F-4.2**

#### **GUIDANCE AND COUNSELING**

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

1. To help the pupil teachers to understand the meaning, aims and objectives, principles and scope of guidance.
2. To acquaint them with various services of guidance.
3. To enable them to differentiate between guidance and counselling.
4. To help the pupil teachers to understand counselling and its various approaches.
5. To enable the pupil teachers to understand their students by applying testing and non-testing techniques.
6. To help them to organize guidance and counseling cell in the school.
7. To acquaint them with the methods of Job analysis.
8. To acquaint the pupil teachers with recent trends in guidance and counselling and guidance need of Indian adolescents.

### **COURSE CODE: F-4.3**

#### **INCLUSIVE SCHOOL**

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

1. To understand Diversity, Disability and Inclusion.
2. To inculcate healthy attitude towards inclusive school.
3. To use different teaching strategies for inclusive education.
4. To understand the role of teachers, parents and community for supporting inclusion.
5. To understand the recommendation of various polices.

**COURSE CODE: F-4.4**

### **UNDERSTANDING THE SELF**

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

1. To enable the student teacher to discover oneself.
2. To develop holistic and integrated understanding of the human self and personality.
3. To develop positive thinking among student teachers.
4. To encourage future teachers to develop the capacity for self-regulation and conflict resolution.
5. To help student teachers develop the capacity for sensitivity, effective ways of communication to establish peace and harmony.
6. To equip student teachers with skills for empathic listening and self-expression.
7. To evolve as a progressive and flexible teacher.

**COURSE CODE: F-4.5**

### **READING AND REFLECTING ON TEXT**

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

1. To promote an understanding of language characteristics of learners, language usage.
2. To enable the students to understand socio-cultural aspects of language learning, language as a process and the functional use of language across the curriculum.
3. To enable to read, analyze and reflect on variety of texts.
4. To develop meta-cognitive awareness to become conscious about thinking processes.
5. To enable to write with a sense of purpose.
6. To enable student teachers to enhance their capacities as readers and writers

**COURSE CODE: E-4.1 & 4.2**



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

1. To acquaint the student teachers with the concept of Environment and Ecology.
2. To create awareness and generate interest of student teachers in Environmental Education.
3. To provide knowledge to the student teachers about Pollution and its control.
4. To sensitize student teachers towards Global Environmental Problems.
5. To sensitize student teachers towards need of Conservation of Natural resources.
6. To develop desirable attitude, values and respect for the environment.
7. To acquaint the student teachers with the initiative of government and local bodies in environmental conservation.

**COURSE CODE: E-4.1 & 4.2**

### **HEALTH AND PHYSICAL EDUCATION**

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

1. To enable the student teachers to develop an understanding about Health & Physical Education.
2. To create awareness on different aspects of health and fitness among student teachers.
3. To understand meaning, concept, aims and objectives of Health and Physical Education in school curriculum.
4. To learn good health habits: acquire knowledge of common communicable diseases.
5. To understand the nature of injuries and to take care during emergencies and provide first aid.
6. To understand the diet modification in the treatment of under-weight and obesity.

**COURSE CODE: E-4.1 & 4.2**

### **HUMAN RIGHTS AND PEACE EDUCATION**

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

1. To acquaint students with human rights and peace education.
2. To realize the importance and need of peace education, human rights and child rights.
3. To develop attitudes for resolving conflicts at personal and social level through education.

4. To orient curricular and educational processes to promote peace.
5. To counter the negative influence of media and local community to weed out negative effects by influencing parents, families and local community.
6. To understand challenges to world peace.

**COURSE CODE: E-4.1 & 4.2**

### **LIFE SKILLS EDUCATION**

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

1. To acquaint themselves with the concept and importance of Life skills.
2. To acquaint themselves with the role of education in developing life skills.
3. To develop attitude of students towards developing life skills through education.
4. To integrate life skills with the teaching learning process.

**COURSE CODE: E-4.1 & 4.2**

### **POPULATION EDUCATION**

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

1. To be aware of population trends in the world.
2. To understand that population becomes stable when there is little difference between birth and death rates.
3. To develop among themselves a health, rational and scientific attitude toward the natural phenomena of the birth and death.
4. To realize that the solution to the problem lies in the acceptance of small family norms.
5. To develop an attitude that would promote living in peace and harmony along the nature.

**COURSE CODE: E-4.1 & 4.2**

### **SCHOOL LIBRARY AND INFORMATION SERVICES**

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

1. To enable the student- teachers to develop an understanding of meaning, concept and nature of school library services.



2. To impart knowledge to student teachers about the need and importance of library services in the present school education.
3. To acquaint them with basic principles of school libraries.
4. To acquaint and prepare student-teachers for the application of information technologies in school libraries.

**COURSE CODE: EPC-4.1**

**PARTICIPATION IN COMMUNITY SERVICE/ CULTURAL ACTIVITIES/  
EDUCATIONAL TOUR/TRIP**

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

1. To develop an understanding about social welfare.
2. To develop an attitude towards clean environment.
3. To develop an understanding about national integration.

**COURSE CODE: EPC-4.2**

**COMMUNICATION, EMPLOYABILITY AND RESOURCE DEVELOPMENT  
SKILL**

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

1. To develop effective communication skills among student teachers.
2. To develop speaking skills among student teachers in front of a small group.
3. To develop skill of article writing for magazine / newspaper.
4. To develop the skill of searching of topic from reference book.
5. To develop the skill of preparing e-learning resources for smart classrooms.

**PROGRAM OUTCOMES OF M.ED ( 2017-2019)**

The program outcomes, program specific outcomes and the course outcomes have been clearly stated. These are in accordance with the syllabi prescribed by Panjab University, Chandigarh. The Program outcomes of M.Ed. are intended towards making the education process a more holistic experience for the pupil teachers, whose main motive is not only the acquisition of knowledge but also the application of this acquired knowledge through practical training. This type of work experience can be gained through real life experiences. Besides this, students will attain various contemporary life skills like critical thinking,

problem solving, analytic reasoning, cognitive skills, self-directed learning, research skills etc.

### **Program Outcome of M.Ed.**

The program outcome of Masters of Education (M.Ed.) Programme which a student should demonstrate/be aware of is to prepare students as Teacher Educators, Administrators and Researchers for various institutions engaged in Teaching, Educational Research and Educational Planning.

### **Program Specific Outcomes of M.Ed.**

The program specific outcomes for M.Ed. (General) course are as follows:

1. To prepare teacher educators and other education professionals including curriculum developers, educational policy analysts, planners, administrators, supervisors, school principals and researchers
2. To prepare professionals for teaching in colleges of education
3. To train professionals for psychological testing; personal, educational and vocational guidance; statistical analysis with an educational orientation
4. To orient students for participation in programmes of educational evaluation and examination reforms
5. To train professionals for organizing curriculum development and preparation of instructional materials
6. To prepare teacher educators through systematic study and research in order to contribute to the development of educational literature and lead to the growth of education as a discipline

### **COURSE OUTCOMES M.Ed. (2017-2019)**

#### **M.Ed. General Semester I**

**Program Code: MEDGN-I**

#### **PAPER I**

**COURSE CODE: C01-PIE-I**

**COURSE TITLE: Perspectives in Education – I**

**Course Outcomes:** At the end of the course students will be able to:

- explain assumptions and principles of education.
- explain epistemological and axiological issues in education.
- discuss concepts and theoretical perspectives of sociology of education.
- explain the meaning of modernization, social change and role of school as a place for social change.
- explain the concept of social equity & equality; social mobility and social stratification.

## **PAPER-II**

**COURSE CODE: C02-LLP-I**

**COURSE TITLE: Learner and Learning Process-I**

**Course Outcomes:** After completing the course, the student will be able to:

- understand learner in psycho-social context
- explain growth development and problems of adolescents
- analyse the learning process based on theoretical approaches of learning
- understand environments conducive to learning

It is assumed that the students are aware of role of Educational Psychology in theory and Practice of Education.

## **PAPER-III**

**COURSE CODE: C03-ERS-I**

**COURSE TITLE: Educational Research and Statistics-I**

**Course Outcomes:** At the end of the course, the students will be able to:

- define research problem.
- formulate a hypothesis.
- select a sample and forward reasons in support of his/her decisions.
- understand the meaning and importance of statistics.
- understand the meaning and compute measures of central tendency, measures of variability, measures of relationship.
- understand the meaning and application of normal probability curve.
- select and conduct the statistical analysis of data by applying the statistics suitable for the problem.

#### **PAPER-IV**

**COURSE CODE: C04-HOE-I**

**COURSE TITLE: History of Education-I**

**Course Outcomes:** At the end of this course, students will be able to:

- trace the progress of education in ancient and medieval India – Vedic, Post Vedic and Buddhist Education, Islamic education
- explain education during pre and post-independent India
- explain the various committees and commission formed for the progress of education during pre and post-independent India
- explain the various issues and trends of education in India

#### **PAPER-V**

**COURSE CODE: C05-TED-I**

**COURSE TITLE: Teacher Education-I**

**Course Outcomes:** After completing the course, the student will be able to:

- describe the scope and importance of teacher education.

- appreciate the roles and responsibilities of teachers.
- discuss the functions of agencies regulating teacher education in India.
- trace changes in teacher education in light of NCF, 2005 and NCFTE, 2009.
- explain the objectives, scope and components of pre-service teacher education.
- discuss the methods employed for curriculum transaction in pre-service teacher education.
- discuss the concept and importance of professional development of teachers.
- explain strategies of professional development of teachers.
- discuss the agencies for in-service education.
- discuss the concept of teaching and professional ethics of teachers.
- explain the mode of teacher selection, appointment and induction.
- explain the assessment and evaluation techniques in teacher education.

## **PAPER-VI**

**COURSE CODE: C06-DIS-I**

**COURSE TITLE: Dissertation-I (Orientation to Writing a synopsis)**

### **Course Outcomes:**

- Orient students to the process of research.
- Enable them to identify a problem for undertaking the research project
- Enable them to prepare a synopsis on which they will submit a research proposal in

## **SEMESTER II**

**PROGRAM CODE: MEDGN-II**

## **PAPER-I**

**COURSE CODE: C07-PED-II**

**COURSE TITLE: Process of Education-II**

**Course Outcomes:** At the end of the course, students will be able to:

- explain the educational implications of some schools of philosophy in Western Thought and Indian Philosophy.
- examine critically the concerns arising from the vision of great Western and Indian thinkers.
- reflect on changing political context of education and support system of education.
- discuss the changing socio-cultural dimensions in the context of education.

## **PAPER-II**

**COURSE CODE: C08-PIS-II**

**COURSE TITLE: Psychology for Individual and Social Development-II**

**Course Outcomes:** At the end of this course, the student will be able to

- explain concept of learning and motivation
- gain knowledge about the concept and theories of personality and its assessment
- differentiate between characteristics of adjusted and maladjusted learners
- understand and measure the learner's cognitive abilities with special reference to intelligence
- get acquainted with concept and nature of children with special needs

## **PAPER-III**

**COURSE CODE: C9-ERS-II**

**COURSE TITLE: Educational Research and Statistics-II**

**Course Outcomes:** At the end of the course, the students will be able to:

- select the tools for studying different variables.
- understand historical, descriptive and experimental method of research.
- select/ formulate the design of the study by controlling and classifying the variables demanded by the design.

- understand the meaning and compute ANOVA, Chi square, Wilcoxon Signed Rank Test

Mann-Whitney Test.

- report the research work in accordance with the current trends and procedures of report writing.
- select and conduct the statistical analysis of the data by applying the statistics suitable for the problem.

#### **PAPER-IV**

**COURSE CODE: C10-DIS-II**

**COURSE TITLE: Dissertation-II (Submission of Research Proposal)**

#### **Course Outcomes:**

Under the supervision of their guides they will undertake all the steps of writing research proposal to finalize and submit the research synopsis. The students will submit dissertation in the month of March.

#### **PAPER-V**

**COURSE CODE: C11-SDS-II**

**COURSE TITLE: Self Development Skills-II (Yoga, communication and professional skills)**

#### **Course Outcomes:**

- To create effective communicators
- To master yogasanas and maintain fitness

#### **PAPER-VI**

**Any one of the following:**

**COURSE CODE: E01-PSE-II: Pedagogy of Science Education-II**

**COURSE CODE: E02-PSS-II: Pedagogy of Social Science Education-II**

**COURSE CODE: E03-PLE-II: Pedagogy of Language Education-II**

**COURSE CODE: E04-PME-II: Pedagogy of Mathematics Education-II**

**COURSE CODE: E01-PSE-II**

**COURSE TITLE: Pedagogy of Science Education-II**

**Course Outcomes:** On completion of this course, the students will be able to:

- explain the nature of science as a dynamic, expanding body of knowledge and as a social endeavour;
- explain the difference and complementarity between Science and Technology;
- understand the need to evaluate curricula and evaluate the same on the basis of different validities;
- know about and critically study innovative curricular efforts in India and abroad;
- understand diversity of instructional materials, their role and the need for contextualization in science education;
- appreciate the role of co-curricular activities in science education;
- explain the constructivist approach to science instruction;
- understand the role of assessment in the teaching –learning process in science;
- familiarize with innovative trends in assessment;
- analyze issues in Science education pertaining to equity and access, gender, special groups and ethical aspects.

**COURSE CODE: E02-PSS-II**

**COURSE TITLE: Pedagogy of Social Science Education-II**

**Course Outcomes:** After completion of the course, the students will be able to:

- develop an understanding about the meaning, nature, scope of social sciences and social science education
- find out the distinction and overlap between social sciences, humanities and liberal arts



- understand the role of various methods and approaches of teaching social sciences
- employ appropriate approach for transaction of social science curriculum
- effectively use different media, materials and resources for teaching social sciences
- construct appropriate assessment tools for teaching-learning of social sciences and undertake evaluation

**COURSE CODE: E03-PLE-II**

**COURSE TITLE: Pedagogy of Language Education-II**

**Course Outcomes:** On completion of the course, students will be able to:

- gain an understanding of the nature, functions and the implications of planning for teaching language/languages
- understand the psychology of language learning
- gain an understanding in the pedagogy of language learning
- study and analyze different approaches, methods and techniques for differentiating between teaching language and teaching literature in the context of first language and second language
- examine various areas of research in language education
- survey various problems with respect to language learning
- identify and reflect on factors affecting language policy

**COURSE CODE: E04-PME-II**

**Pedagogy of Mathematics Education-II**

**Course Outcomes:** On completion of this course, students will be able to:

- Appreciate the abstract nature of mathematics.
- Distinguish between science and mathematics.
- Develop the skill of solving real life problems through mathematics modelling as an art.
- Develop the understanding of using constructivist approach in mathematics.

- Develop the skill of using various methods and techniques of teaching mathematics.
- Develop problem solving skills.
- Develop the skills required for action research in mathematics.

### **SEMESTER-III**

#### **PROGRAM CODE: MEDGN-III**

#### **PAPER-I**

#### **COURSE CODE: C12-ESD-III**

#### **COURSE TITLE: Education for Sustainable Development & Global Peace-III**

**Course Outcomes:** On completion of this course, students will be able to:

- explain concepts concerning various aspects of the Educational for sustainable development.
- explain the concept of world peace and role of education
- recognize dependence of human life on the environment.
- identify local and region specific environmental problems.
- understand the role of individuals, society, the government, ICT and media in protection, preservation and conservation of environment.
- develop awareness about rules, regulations and legal provisions for protection, preservation and conservation of the environment.
- develop awareness, desirable skills and appreciation for the protection, preservation and conservation of the environment.
- understand the role of school and teacher in creating awareness among students about need for sustainable development.

#### **PAPER: II**

#### **COURSE CODE: C13-GNC-III**

### **COURSE TITLE: Guidance and Counselling-III**

**Course Outcomes:** After completing the course, the student will be able to:

- understand the meaning, nature, aims, need and scope of guidance.
- understand the meaning, nature, aims, need and scope of counselling.
- recognise the role of guidance in attaining the goals of education.
- understand the meaning, objectives, and advantages of group guidance.
- develop the acquaintance with various techniques of group guidance.
- understand the qualitative and quantitative appraisal of student.
- develop knowledge and understanding of the major psychological concepts such as intelligence, aptitude, personality, interest and their assessment for providing guidance.
- develop the skill of administration and interpretation of psychological assessment

### **PAPER-III**

**COURSE CODE: C14-MEV-III**

**COURSE TITLE: Measurement, Assessment and Evaluation-III**

**Course Outcomes:** At the end of the course, the students will be able to:

- acquaint the students with concepts and techniques of measurement and evaluation.
- develop skills in the construction and standardization of tests.
- acquaint themselves with the new trends in evaluation.
- enable them in learning the applications of advanced statistical techniques in education.

### **PAPER-IV**

**COURSE CODE: C15-EPF-III**

**COURSE TITLE: Educational Management, Policy Planning –III**

**Course Outcomes:** After completing the course, students will be able to:

- explain the process of policy formulation
- critically analyse the determinants of educational policy
- explain the principles, methods and approaches of educational planning
- explain types, approaches and agencies for performance appraisal
- explain structure of educational organization
- explain various aspects of organizational climate
- discuss processes of educational management
- describe issues in organizational development and change
- explain meaning, nature scope types and traits of leadership

#### **SEMESTER-IV**

**PROGRAM CODE: MEDGN- IV**

**PAPER: I**

**COURSE CODE: C17-EDT-IV**

**COURSE TITLE: Educational Technology and ICT-IV**

**Course Outcomes:** After completing the course, the student will be able to:

- explain the concept of educational technology.
- explain the nature and scope of educational technology.
- trace the history of educational technology.
- explain the types of educational technology.
- discuss major trends in educational technology.
- explain the concepts, variables, phases and levels of teaching.
- describe the meaning of models of teaching.
- discuss different models of teaching.

- explain various teacher training techniques.
- discuss the concept, principles and types of programmed instruction.
- explain the development stages of linear program.
- discuss the concept, characteristics and selection of audio-visual media.
- explain the concept, process, principles and barriers of communication.
- discuss the concept, need and advantages of ICT.
- discuss the concept and method of computer-assisted instruction, e-learning, online learning and m-learning.

## **PAPER-II**

**COURSE CODE: C18-DIS-IV**

**COURSE TITLE: Dissertation–IV**

**Course Outcomes:** The students will submit the dissertation upto 15th Feb, prepare and appear for dissertation viva voce in April- May before an external examiner and supervisor.

## **PAPER-III**

**COURSE CODE: C19-FAI-IV**

**COURSE TITLE: Field Attachment/ Internship-Viva voce**

**Course Outcomes:** The students will systematically plan the field internship/ attachment in a teacher education institution, and in the specialization area chosen by the student which was organized during the program in 3<sup>rd</sup> Semester of 2 year M.Ed.

## **PAPER-IV**

**COURSE CODE: C20-SDS-IV**

**COURSE TITLE: Self Development Skills – IV (Placement/Entrepreneurship Skills)**

**Course Outcomes:**

- To enable the learners to prepare a CV
- To prepare the learners for facing an interview

- To make them aware of the possible pitfalls/threats of using e-resources

## **PAPER V, VI & VII**

**Any three of the following**

**E05-INE-IV: Education for Differently Abled -IV**

**E06-CRS-IV: Curriculum Studies-IV**

**E07-CME-IV: Comparative Education-IV**

**E09-LLL-IV: Life Long Learning-IV**

**E10-ECE-IV: Economics of Education-IV**

**COURSE CODE: E05-INE-IV**

**COURSE TITLE: Education for Differently Abled –IV**

**Course Outcomes:** At the end of the course, the student will:

- know types of children with diverse needs, their nature and educational implications
- understand and appreciate inclusive education and legislation related to it
- know about various resources needed for children with diverse needs
- understand various aspects of teacher preparation for children with diverse needs

**COURSE CODE: E06-CRS-IV**

**COURSE TITLE: Curriculum Studies-IV**

**Course Outcomes:** After completing the course, the student will be able to:

- explain the concept of curriculum and curriculum development.
- explain the foundations of curriculum development.
- discuss factors affecting curriculum change.
- appreciate the role of teacher as a curriculum maker.

- explain the nature, purposes, scope and principles of curriculum development.
- explain Taba's model of curriculum development
- explain the concept and need of curriculum development
- explain features of different curriculum designs.
- explain eclectic model of curriculum design.
- explain different models of curriculum engineering.
- appraise critically the present day curriculum of Indian schools.
- discuss curriculum issues and trends.
- predict future directions for curriculum.

**COURSE CODE: E07-CME-1V**

**COURSE TITLE: Comparative Education-IV**

**Course Outcomes:** After completing the course, the student will be able to:

- explain the concept, history and purposes of comparative education.
- explain the importance and limitations of comparative education
- explain the factors influencing the educational system of a country.
- explain the educational ladder of U.K., Finland and India.
- compare the salient features of educational system of U.K., Finland and India.
- explain the educational ladder of U.S.A., China and India.
- compare the salient features of educational system of U.S.A., China and India.
- compare the teacher education program in U.K., Finland, U.S.A., China and India.
- discuss recent trends and innovations in education of U.K., Finland, U.S.A., China and India.

**COURSE CODE: E09-LLL-IV**

## **COURSE TITLE: Lifelong Learning-IV**

**Course Outcomes:** After completing the course, the student will be able to explain:

- Concept of lifelong education
- Approaches to lifelong education
- Concept, aims ,Need and importance of adult and continuing education
- Literacy situation in the country and government initiatives to improve literacy status
- Administration and management of adult and continuing education programmes
- Role of universities in adult and continuing education
- Concept of andragogy and its applications
- Impact of lifelong education on formal education
- Types of continuing education programmes
- Areas of research in adult, continuing and lifelong education

## **COURSE CODE: E10-ECE-IV**

## **COURSE TITLE: Economics of Education-IV**

**Course Outcomes:** After completing this course the students will be able to

- know the general status and progress of education in relation to economics.
- understand the concept of Economics of education in different theoretical perspectives
- Understand the model of human resource development and education as generation of human capital.
- Know the economic returns and benefits of education.
- evaluate the place and role of education in various socio- economic development policies of the state.
- understand political economy of education in national and international perspective.
- acquaint with scope of human resource development and need of skilled manpower with changing needs of the society.
- describe concept, need, significance and principles of educational financing



## **PAPER-VIII**

**COURSE CODE: C16-FAI-III**

**COURSE TITLE: Field Attachment/ Internship-III (September-October)**

**Course Outcome:** To acquire hands-on training of pedagogy

### **PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES OF POST GRADUATE DIPLOMA IN GUIDANCE AND COUNSELLING (PGDGC) ( 2017-2019)**

#### **Program Outcomes**

The Post Graduate diploma in guidance and counselling aims to create a supportive and collaborative learning environment for students from diverse backgrounds and cultures to acquire knowledge, attitudes, and skills essential in the practice of guidance and counselling. The course will also help the students to become exemplary in applying essential guidance and counselling knowledge and skills in a variety of settings with individuals from diverse backgrounds.

Post graduate diploma in guidance and counselling will enable the students to:

1. Have the knowledge, personal attitudes and skills to provide effective guidance counselling and developmental services to clients diverse In age, gender and socioeconomic status
2. Have a strong Identity as professional counsellors with a commitment to future development and possession of effective networking skills.
3. Have research and program evaluation skills that include development of research and program evaluation questions, selection of appropriate methodologies for collecting and analyzing data.
4. Have the skills to primarily deliver developmental and preventative services using individual as well as small and large group interventions to children with different abilities.

5. Have the ability to go beyond providing individual services and have skills to lead teams of teaching professionals developing and providing a comprehensive set of services as needed by the client population.
6. Have skills to advocate for student client issues and to foster productive organizational change.
7. Have a vision of career planning as a developmental process and to provide individual guidance and counselling and skills training to facilitate decision-making and to work with developmental life transitions.
8. Have the knowledge and skills to use, technology resources in professional practice and in research and to understand the application of ethical practice to use of assessment and information management tools.

### **PROGRAM SPECIFIC OUTCOMES**

1. To encourage students' academic, social, emotional and personal development.
2. To assess and diagnose the nature and intensity of day to day problems of the masses.
3. To enable the learner to integrate psychological principles and therapeutic techniques as required during the Counselling Process.
4. To develop the skills to establish congenial “on relationship” with the client/sufferers.
5. To enable the learner to relate the circumstantial, environmental, social/organizational factors with ongoing problems.
6. Have an understanding of and capacity to engage with issues relating to wider organizational and social contexts.
7. To enable the learner to recognize the effectiveness of different practicing techniques in sorting out the ongoing problems.
8. Know about Indian Psychology and its contribution in the field of Modern Psychology.
9. Develop an understanding of the concepts of Basic Psychology.
10. Identify the different types of problems at different stages of developmental psychology.
11. Understand different factors associated with Psychological Development.
12. Know about the nature, needs and types of Psychological Assessment
13. Develop an understanding about the concept of tools & techniques.
14. Know about the different types of Tests in Guidance & Counselling.

15. Administer and interpret different types of Observational Instruments.
16. Develop the knowledge about basic statistics for Guidance & Counselling.

### **COURSE OUTCOMES (2016-2020)**

#### **INTRODUCTION TO GUIDANCE**

The course contents in this paper will enable the students:

1. To understand the meaning, principles, needs and types of guidance
2. To have a detailed knowledge about various guidance services
3. To organize guidance programme in elementary and secondary schools
4. To develop skills in using technology for guidance purpose.

#### **INTRODUCTION TO COUNSELLING**

The contents in this paper will help the students:

1. To understand the meaning, types and techniques of counseling
2. To learn about theories of counseling
3. To develop counseling skills in conducting counseling sessions
4. To learn about new emerging areas of counseling

#### **EDUCATIONAL AND PSYCHOLOGICAL APPRAISAL**

After going through the contents in this paper the students will be able:

1. To understand the concept of educational and psychological appraisal
2. To know the criteria of selection of a test and characteristics of a good test
3. To learn to administer and interpret psychological tests to know the Individual abilities and personality aspects
4. To make appropriate use of achievement and diagnostic test in locating learning difficulties
5. To master elementary statistics and apply it in student's Appraisal

## **COUNSELING CHILDREN AND ADOLESCENTS WITH DIFFERENT ABILITIES**

The contents of this course will enable the students to master the techniques of:

1. Understanding the needs and problems of children and adolescents with exceptional abilities
2. Identification of academic, social, emotional and vocational problems of students
3. Conducting individual and group counselling
4. Preparing case history, doing case analysis and preparing profile of the case.

## **CAREER EDUCATION**

The contents of this course will enable the students:

1. To get a comprehensive introduction to career education through historical background
2. To develop an understanding of the current trends and issues in career education
3. To study decision-making and how the process applies to career planning.
4. To study the relationships among work, family, and leisure.
5. To identify career issues related to special students.
6. To be able to use the Internet and online guidance services

To overview methods of disseminating and using career information, including computer-based delivery systems (Internet).