

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

**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. 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.

**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 (2018-2020)**

### **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 Rabbi 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 ढ शिक्षण प्रक्रियाओं का ज्ञान करवाना।
- भाषायी कौशलों में दक्षता प्रदान करना।
- सहायक शिक्षण सामग्री के निर्माण ढ 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 ਸਹਿਤ ਦੇ ਵਿਭਿੰਨ ਰੂਪਾਂ ਅਤੇ ਅਧਿਆਪਨ ਢੰਗਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ ।
2. ਭਾਸ਼ਾ ਅਧਿਆਪਨ ਵਿੱਚ ਵਿਆਕਰਨ ਦੇ ਮਹੱਤਵ ਤੇ ਜਾਣੂ ਕਰਵਾਉਣਾ ।
3. ਵੱਖ ਵੱਖ ਅਧਿਆਪਨ ਕੌਸ਼ਲਾਂ 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 शिक्षण ( PEDAGOGY OF SANSKRIT) ( Kruti Dev 010)**

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

उद्देश्य :-

भाषी शिक्षकों को -

- साहित्य की विभिन्न विधाओं ढ शिक्षण प्रक्रियाओं का ज्ञान करवाना।
- भाषायी कौशलों में दक्षता प्रदान करना।
- सहायक शिक्षण सामग्री के निर्माण ढ 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**

**DISTANCE EDUCATION & LIFE LONG LEARNING**

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

1. To acquaint the student teachers with the concept, need and potential of Distance Education

and Open learning.

2. To help them understand the opportunities and challenges in the field of Distance education and open learning.
3. To enable them to appreciate and use the methods and techniques of Distance education/open learning in the emerging knowledge society.
4. To enable the student teachers to develop an understanding of the meaning and concept of Life Long Learning.
5. To impart knowledge to student teachers about the problems and difficulties coming in the way of achieving full literacy in the country.
6. To prepare them to create awareness among illiterate adults for their development.
7. To acquaint the student teachers with chief characteristics of an adult learner, different methods and evaluation of Life Long Learning.
8. To enlighten the student teachers about the Life Long Learning policies of the country.

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

**E- EDUCATION RESOURCE DEVELOPMENT**

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

1. To introduce the student teachers to the concept of systems and its Application in Information Management.
2. To familiarize the student teachers with the concepts and practice of e-communication, e-learning and e-education.
3. To acquaint the student teachers with the elementary theory and practice of multimedia—graphics, audio and video processing.
4. To assist the student teachers to design and develop e-education resources and e-education management on the existing portals.

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

**ENVIRONMENTAL EDUCATION**

**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.