

# **PROGRAM LEARNING OUTCOMES AND COURSE LEARNING OUTCOMES FOR M.Ed. (GENERAL) PANJAB UNIVERSITY, CHANDIGARH (2022-2023)**

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. M.Ed. Programme intend at preparing professionally trained teacher educators. The programme will also enable teacher educators to develop insight on socio, psychological and philosophical perspectives, pedagogical knowledge and skills for effective teaching learning process. Moreover it also aims at developing appropriate attitude and values towards teaching profession.

## **PROGRAM LEARNING OUTCOMES**

1. To enable teacher educators in developing understanding on sociological, psychological and philosophical perspectives, curriculum and pedagogical concerns.
2. To strengthen the analytical and scientific skills required in research also the teacher educators or scholars are well trained in using statistical measures, softwares (SPSS, MS EXCEL) etc.
3. To know about different research methods, equipping teachers educators and scholars with significant tools and techniques, data collection and analysis by using statistical measures, applicability of conceptual understanding in practical research work and writing a research report.
4. To develop and execute leadership and management skills. The course will enable the teacher educator with a structured framework for understanding the school management and its different strategies.
5. To enable teacher educators with skills and competencies required with constantly changing technological needs and global concerns.
6. To build the right attitude, values needed for teaching profession.

## **PROGRAMME SPECIFIC OUTCOMES**

The M.Ed. curriculum aims at the all round development of teacher educators with a purpose to prepare teacher educators with requisite knowledge, skills and values. The specific programme outcomes can be listed as follows:

1. To enable teacher educators to develop critical approach towards psychological, social and philosophical perspectives so as to prepare teachers with critical and scientific mind.
2. To understand the social structure, multiculturalism, socialization, social and education equity so as to enable teacher educators with the various activities and system of teacher education. Regenerate and reconstruct teacher education in India.
3. To build up Social awareness and skills among teachers educators who can be leaders and agents of social change and transformation in society.
4. To understand the historical, political and economic aspect of education, learning the appropriate use of various research methods and academic writing for educational research.
5. To build up scientific temperament and ICT knowledge for changing technological challenges and globalization demands.
6. To develop humanitarian values and ethics among teacher educators with competencies as well as humane values.
7. To know about various philosophies and their role in education. Expose the aims, learning strategies, discipline and experiences of education. Inculcate the entrepreneurship skills and self development.

## COURSE LEARNING OUTCOMES

### M.ED. (GENERAL) SEMESTER I (2022-2023)

**PAPER I Program Code: MEDGN-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:

1. Explain assumptions and principles of education.
2. Explain epistemological and axiological issues in education.
3. Discuss concepts and theoretical perspectives of sociology of education.
4. Explain the meaning of modernization, social change and role of school as a place for social change.
5. 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:

1. Understand learner in psycho-social context
2. Explain growth development and problems of adolescents
3. Analyze the learning process based on theoretical approaches of learning
4. 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:

1. Define research problem.
2. Formulate a hypothesis.
3. Select a sample and forward reasons in support of his/her decisions.
4. Understand the meaning and importance of statistics.
5. Understand the meaning and compute measures of central tendency, measures of variability, measures of relationship.
6. Understand the meaning and application of normal probability curve.
7. 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:

1. Trace the progress of education in ancient and medieval India – Vedic, Post Vedic and Buddhist Education, Islamic education
2. Explain education during pre and post-independent India

3. Explain the various committees and commission formed for the progress of education during pre and post-independent India
4. 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:

1. Describe the scope and importance of teacher education.
2. Appreciate the roles and responsibilities of teachers.
3. Discuss the functions of agencies regulating teacher education in India.
4. Trace changes in teacher education in light of NCF, 2005 and NCFTE, 2009.
5. Explain the objectives, scope and components of pre-service teacher education.
6. Discuss the methods employed for curriculum transaction in pre-service teacher education.
7. Discuss the concept and importance of professional development of teachers.
8. Explain strategies of professional development of teachers.
9. Discuss the agencies for in-service education.
10. Discuss the concept of teaching and professional ethics of teachers.
11. Explain the mode off teacher selection, appointment and induction.
12. 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:**

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

**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:

1. Explain the educational implications of some schools of philosophy in Western Thought and Indian Philosophy.
2. Examine critically the concerns arising from the vision of great Western and Indian thinkers.
3. Reflect on changing political context of education and support system of education.
4. 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

1. Explain concept of learning and motivation
2. Gain knowledge about the concept and theories of personality and its assessment
3. Differentiate between characteristics of adjusted and maladjusted learners
4. Understand and measure the learner's cognitive abilities with special reference to intelligence
5. 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:

1. Select the tools for studying different variables.
2. Understand historical, descriptive and experimental method of research.
3. Select/ formulate the design of the study by controlling and classifying the variables demanded by the design.
4. Understand the meaning and compute ANOVA, Chi square, Wilcoxon Signed Rank Test Mann-Whitney Test.
5. Report the research work in accordance with the current trends and procedures of report writing.
6. 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:**

1. To create effective communicators
2. 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:

1. Explain the nature of science as a dynamic, expanding body of knowledge and as a social endeavour;
2. Explain the difference and complementarities between Science and Technology;
3. Understand the need to evaluate curricula and evaluate the same on the basis of different validities;

4. Know about and critically study innovative curricular efforts in India and abroad;
5. Understand diversity of instructional materials, their role and the need for contextualization in science education;
6. Appreciate the role of co-curricular activities in science education;
7. Explain the constructivist approach to science instruction;
8. Understand the role of assessment in the teaching –learning process in science;
9. Familiarize with innovative trends in assessment;
10. 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:

1. Develop an understanding about the meaning, nature, scope of social sciences and social science education
2. Find out the distinction and overlap between social sciences, humanities and liberal arts
3. Understand the role of various methods and approaches of teaching social sciences
4. Employ appropriate approach for transaction of social science curriculum
5. Effectively use different media, materials and resources for teaching social sciences
6. 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:

1. Gain an understanding of the nature, functions and the implications of planning for teaching language/languages
2. Understand the psychology of language learning
3. Gain an understanding in the pedagogy of language learning
4. 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

5. Examine various areas of research in language education
6. Survey various problems with respect to language learning
7. 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:

1. Appreciate the abstract nature of mathematics.
2. Distinguish between science and mathematics.
3. Develop the skill of solving real life problems through mathematics modelling as an art.
4. Develop the understanding of using constructivist approach in mathematics.
5. Develop the skill of using various methods and techniques of teaching mathematics. •
6. Develop problem solving skills.
7. 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:

1. Explain concepts concerning various aspects of the Educational for sustainable development.
2. Explain the concept of world peace and role of education
3. Recognize dependence of human life on the environment.
4. Identify local and region specific environmental problems.
5. Understand the role of individuals, society, the government, ICT and media in protection, preservation and conservation of environment.
6. Develop awareness about rules, regulations and legal provisions for protection, preservation and conservation of the environment.
7. Develop awareness, desirable skills and appreciation for the protection, preservation and conservation of the environment.

8. 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:

1. Understand the meaning, nature, aims, need and scope of guidance.
2. Understand the meaning, nature, aims, need and scope of counselling.
3. Recognize the role of guidance in attaining the goals of education.
4. Understand the meaning, objectives, and advantages of group guidance.
5. Develop the acquaintance with various techniques of group guidance.
6. Understand the qualitative and quantitative appraisal of student.
7. Develop knowledge and understanding of the major psychological concepts such as intelligence, aptitude, personality, interest and their assessment for providing guidance.
8. 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:

1. Acquaint the students with concepts and techniques of measurement and evaluation.
2. Develop skills in the construction and standardization of tests.
3. Acquaint themselves with the new trends in evaluation.
4. 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:

1. Explain the process of policy formulation

2. Critically analyse the determinants of educational policy
3. Explain the principles, methods and approaches of educational planning
4. Explain types, approaches and agencies for performance appraisal
5. Explain structure of educational organization
6. Explain various aspects of organizational climate
7. Discuss processes of educational management
8. Describe issues in organizational development and change
9. 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:

1. Explain the concept of educational technology.
2. Explain the nature and scope of educational technology.
3. Trace the history of educational technology.
4. Explain the types of educational technology.
5. Discuss major trends in educational technology.
6. Explain the concepts, variables, phases and levels of teaching.
7. Describe the meaning of models of teaching.
8. Discuss different models of teaching.
9. Explain various teacher training techniques.
10. Discuss the concept, principles and types of programmed instruction.
11. Explain the development stages of linear program.
12. Discuss the concept, characteristics and selection of audio-visual media.
13. Explain the concept, process, principles and barriers of communication.
14. Discuss the concept, need and advantages of ICT.
15. 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 3rd Semester of 2 year M.Ed.

## **PAPER-IV**

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

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

**Course Outcomes:**

1. To enable the learners to prepare a CV
2. To prepare the learners for facing an interview
3. 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

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

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

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

1. Know types of children with diverse needs, their nature and educational implications
2. Understand and appreciate inclusive education and legislation related to it
3. Know about various resources needed for children with diverse needs
4. 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:

1. Explain the concept of curriculum and curriculum development.
2. Explain the foundations of curriculum development.
3. Discuss factors affecting curriculum change.
4. Appreciate the role of teacher as a curriculum maker.
5. Explain the nature, purposes, scope and principles of curriculum development.
6. Explain Taba's model of curriculum development
7. Explain the concept and need of curriculum development
8. Explain features of different curriculum designs.
9. Explain eclectic model of curriculum design.
10. Explain different models of curriculum engineering.
11. Appraise critically the present day curriculum of Indian schools.
12. Discuss curriculum issues and trends.
13. 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:

1. Explain the concept, history and purposes of comparative education.
2. Explain the importance and limitations of comparative education
3. Explain the factors influencing the educational system of a country.
4. Explain the educational ladder of U.K., Finland and India.
5. Compare the salient features of educational system of U.K., Finland and India.
6. Explain the educational ladder of U.S.A., China and India.
7. Compare the salient features of educational system of U.S.A., China and India.
8. Compare the teacher education program in U.K., Finland, U.S.A., China and India.
9. 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:

1. Concept of lifelong education
2. Approaches to lifelong education
3. Concept, aims ,Need and importance of adult and continuing education
4. Literacy situation in the country and government initiatives to improve literacy status
5. Administration and management of adult and continuing education programmes
6. Role of universities in adult and continuing education
7. Concept of andragogy and its applications
8. Impact of lifelong education on formal education
9. Types of continuing education programmes
10. 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

1. To know the general status and progress of education in relation to economics.
2. Understand the concept of Economics of education in different theoretical perspectives
3. Understand the model of human resource development and education as generation of human capital.

4. Know the economic returns and benefits of education.
5. Evaluate the place and role of education in various socio- economic development policies of the state.
6. Understand political economy of education in national and international perspective.
7. Acquaint with scope of human resource development and need of skilled manpower with changing needs of the society.
8. 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 LEARNING OUTCOMES AND COURSE LEARNING OUTCOMES FOR B.Ed. (GENERAL) PANJAB UNIVERSITY, CHANDIGARH (2022-2023)**

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 LEARNING OUTCOMES**

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

- To prepare teachers with the understanding on socio and psycho prospect of learner, proficiency on curricular and pedagogical concerns of the learner.
- To evolve teachers who are professionally outfitted with skills and competence for growing technological needs and global concerns.
- To build the right approach, values considered necessary for teaching profession.
- To develop a perceptive of the contemporary Indian Society, with particular reference to education.
- To construct a system of education which strengthens the prospective of every learner to attain, preserve and transfer knowledge leading to foresighted society through innovative, experiential and joyous modes of learning.

- To identify, select and make use of learner-centered teaching techniques, developing an insight of fundamental change in conceptualizing disciplinary knowledge in school curriculum, essential capabilities for organizing learning experiences, selecting and making use of suitable evaluative strategies for facilitating learning.
- To adapt the educational prospect by offering open access to quality, value based and significant education to all.
- To recognize the challenges and overcoming gender inequalities in school, classroom, curricula, textbook, social institutions, etc.
- To recognize the diversity and dealing it in inclusive classrooms environment, guidance and counseling programs for disabled students.
- To develop objective analysis among student teachers by evaluating the Curriculum, construction of blue print, choosing suitable teaching strategies in accordance with the needs of students and conducting action research to solve classroom problems.
- To involve student-teachers with self, child, community and school to form close associations between different curricular areas.
- To enable student-teachers to assimilate and integrate the use of ICT in facilitating teaching-learning process and in school management.
- To classify experiences and enhance the professional competencies of student teachers.

## **PROGRAM SPECIFIC OUTCOMES**

- Enable to figure out the advancement in physical, cognitive, social and emotional areas, current issues and educational policies of education system in India, teaching-learning methods, strategies, epistemological basis of education, school management, professional ethics and observation of school activities by school internship.
- Comprehend the characteristics differences among students, assessing the achievement, evaluating progress, and computing learning abilities, guidance programs and administering psychological tools, ICT based Communication and teaching and lesson planning.

- Practice teaching in Schools, instill the actual experiences of classroom teaching and online teaching for remote areas' students by making appropriate use of ICT and its various tools and software.
- Recognizing the classroom diversities and make them able to deal with diverse learners in inclusive classroom setup, education for human rights and women empowerment, environmental education and developing online content.
- Creating new methods, strategies, theories based on the knowledge gained during the programme.
- Acknowledge the contributions of philosophers, educationists and sociologists for the development of educational theory and practice.
- Acknowledge the role of ICT in building the system of education more assessable, making the concepts easy, restoring to the needs of the individual learning at their own pace.

## **COURSE LEARNING OUTCOMES**

### **B.Ed. 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 understand 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 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.
7. 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 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.

### **P-2.1 & P-2.2**

### **हिन्दी विज्ञान ( PEDAGOGY OF HINDI) ( Kruti Dev 010)**

**कुल अंक 50 ; 40. 10 आन्तरिक मूल्यांकन द्वा**

**चाहेष्य :- भाषी विज्ञानों को -**

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

### **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 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.

## **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 ਵਿੱਖਿਨ ਰੂਪਾਂ ਅਤੇ ਅਧਿਆਪਨ ਢੰਗਾ ਬਾਰੇ ਜਾਣਗੀ ਦੇਣਾ ।
2. ਭਾਸ਼ਾ ਅਧਿਆਪਨ ਵਿੱਚ ਵਿਆਕਰਨ ਦੇ ਮਹੱਤਵ ਤੋਂ ਜਾਣ੍ਹ ਕਰਵਾਉਣਾ ।
3. ਵੱਖ ਵੱਖ ਅਧਿਆਪਨ ਕੌਸਲਾਂ ਵਿੱਚ ਲਿਪੁਣ 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 ये विज्ञान प्रक्रियाओं का ज्ञान करवाना।
- भाषायी कौषलों में दक्षता प्रदान करना।
- सहायक विज्ञान सामग्री के निर्माण ये प्रयोग के योग्य बनाना।
- पाठ- निर्माण योजना का ज्ञान प्रदान करना।
- मूल्यांकन की योग्यता विकसित करना।

### 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: 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 EXPRESSIONAL 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 BASES 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 thecourse, 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 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-2.1 & P-2.2 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.

7. To reflect upon her/his own experiential knowledge in the process of becoming an Economics teacher.

### **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 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-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 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-2.1 & P-2.2 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.

### P-2.1 & P-2.2

#### हिन्दी विज्ञान ( PEDAGOGY OF HINDI) ( Kruti Dev 010)

कुल अंक 50 ; 40, 10 आन्तरिक मूल्यांकन द्वा

चाहेष्य :- भाषी विज्ञानों को —

- > साइटिय 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 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-2.1 & P-2.2 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-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 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-2.1 & P-2.2 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.

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

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

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

**ਉਦੇਸ਼**

- ਵਿਦਿਆਰਥੀ ਅਧਿਆਪਿਕਾ ਨੂੰ ਸਾਹਿਤ ਦੇ ਵਿੱਖਿਨ ਗੁਪਾਂ ਅਤੇ ਅਧਿਆਪਨ ਢੰਗਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ ।
- ਭਾਸ਼ਾ ਅਧਿਆਪਨ ਵਿੱਚ ਵਿਆਕਰਨ ਦੇ ਮਹੱਤਵ ਤੋਂ ਜਾਣ੍ਹ ਕਰਵਾਉਣਾ ।
- ਵੱਖ ਵੱਖ ਅਧਿਆਪਨ ਕੌਸਲਾਂ ਵਿੱਚ ਲਿਪੁਨ ਕਰਨਾ।
- ਸਹਾਇਕ ਸਮੱਗਰੀ ਦੇ ਨਿਰਮਾਣ ਅਤੇ ਪ੍ਰਯੋਗ ਕਰਨ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ।
- ਪਾਠ ਯੋਜਨਾ ਨਿਰਮਾਣ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ।
- ਮੁਲਾਂਕਣ ਦੀ ਯੋਗਤਾ ਦਾ ਵਿਵਾਸ ਕਰਨਾ ।

**P-2.1 & P-2.2**

**ਸਾਂਸਕ੍ਰਤ ਧਿਆਨ (PEDAGOGY OF SANSKRIT) ( Kruti Dev 010)**

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

**ਉਦੇਸ਼ :-**

- ਜਾਪੀ ਧਿਆਕਾਂ ਕੋ –
- ਸਾਹਿਤਿਕੀ ਕੀ ਧਿਆਨ ਧਿਆਓਂ ਦੇ ਧਿਆਨ ਪ੍ਰਕਿਧਿਆਓਂ ਕਾ ਜਾਨ ਕਰਾਨਾ।
  - ਜਾਪਾਈ ਕੌਂਪਲੋਂ ਮੈਂ ਦਕਤਾ ਪ੍ਰਦਾਨ ਕਰਨਾ।
  - ਸਾਹਾਇਕ ਧਿਆਨ ਸਾਮ੍ਗਰੀ ਕੇ ਨਿਰਮਾਣ ਦੇ ਪ੍ਰਯੋਗ ਕੇ ਯੋਗ ਬਨਾਨਾ।
  - ਪਾਠ— ਨਿਰਮਾਣ ਯੋਜਨਾ ਕਾ ਜਾਨ ਪ੍ਰਦਾਨ ਕਰਨਾ।
  - ਸੂਚਨਾਕਾਨ ਕੀ ਯੋਗ ਤਾ ਧਿਆਨ ਕਰਨਾ।

## COURSE CODE: P-2.1 & P-2.2 PEDAGOGY OF SCIENCE

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

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

## **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 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: 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 counseling.
4. To help the pupil teachers to understand counseling 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 policies.

#### **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.



**PROGRAM LEARNING OUTCOMES AND COURSE LEARNING OUTCOMES FOR  
POST GRADUATE DIPLOMA IN GUIDANCE AND COUNSELLING (PGDG&C)  
PANJAB UNIVERSITY, CHANDIGARH (2022-2023)**

The Post Graduate Diploma in Guidance and Counselling aims to counsel and guide today's youth for shaping their career progression for the future. In addition to it facilitates to develop understanding and capabilities required to counsel students especially in their adolescence. The programme is of special relevance to school teachers, counselors, NGO workers, and parents etc. to make an individual aware of his /her inherent potential, interests, talent and capabilities. Different sort of problems are currently existing in the society and these have also percolated down to children. The answer to such troubles lies in the fields of counselling psychology which is not only a significant branch of Psychology rather it deals with the application of psychological principles as well as therapeutic techniques in combination.

**PROGRAMME LEARNING OUTCOMES**

The Post-Graduate Diploma in Guidance and Counselling is designed to:

1. Prepare individual for the profession of guidance and counselling with required knowledge, skills and attitude.

2. Prepare members who would work with
  - (a) Students at all levels of education to direct their educational, personal and career development.
  - (b) To assist any person with the problem in its working environment.
3. Enable the candidates to extend the horizon to understand
  - (a) Human Development
  - (b) Personality Development
  - (c) Personality Disorders
  - (d) Adolescents and young persons and their needs.
  - (e) Guidance process and requisite skills
  - (f) Various Counselling approaches and Practices.
4. Facilitate personal growth of the candidates of the Diploma course.
5. Develop competence in counselling through practice.

## **COURSE LEARNING OUTCOMES (2022-23)**

### **PAPER I 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.

### **PAPER II 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

### **PAPER III 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

## **SEMESTER II**

### **PAPER IV 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.

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

