

**CO-PO attainment
in
Outcome Based Education**

CCFUP UNDER NEP 2020

Department of Education

Government General Degree College, Kalna-I

Program Outcome (PO)

- ❖ PO1: Disciplinary knowledge
- ❖ PO2: Communication skills
- ❖ PO3: Critical Thinking
- ❖ PO4: Problem solving
- ❖ PO5: Analytical reasoning
- ❖ PO6: Research related skill
- ❖ PO7: Reflective thinking
- ❖ PO8: Information/ digital learning
- ❖ PO9: Self-directed learning

Program Specific Outcome (PSO): UG Education

- ❖ PSO1 Foundation of theoretical concepts of Education: To use theoretical concepts to explain various aspects of education and its challenges. Recognize the fundamental questions relating to the existing educational system.
- ❖ PSO2 The ability to understand the basic concept and system in education and apply them in real-life situations. To be acquainted with the recent trends of this discipline.
- ❖ PSO3 Ability to make a stable foundation for the post-graduation course research and other related fields/areas of real-life applications

Course Content

EDUCATION MAJOR
COURSE CODE: EDUC1011
Course name : Educational Philosophy - 1

SYLLABUS

Unit –I:

Education: Meaning, Nature and Scope • Functions of Education • Factors of Education
Aims of Education: Individualistic and Socialistic.

Unit –II:

Introduction to Philosophy of Education, • Relationship of Education and Philosophy,
Schools of Indian Philosophy-basic features with special reference to its Epistemological
and Ethical aspects • Sankhya, • Yoga, • Nyaya, • Charvak, • Buddhist, • Jain and their
educational implications

Unit –III:

Child Centric Education: Meaning and Characteristics, • Aims of modern child centric
education, • Different approaches of Child-Centric Education, • Life Centric Education:
features and significance.

Unit –IV:

Concept of freedom and discipline.

Need of discipline.

Concept of free discipline.

Concept of self – discipline.

Application of Discipline in Educational Institution.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level (Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Explain meaning, nature, scope and function of education.	L2: Understanding	1,2,3,5,9	1, 2, 3
CO:2	Describe freedom and discipline.	L1: Remembering	1,2,5,9	1, 2, 3
CO:3	Demonstrate the relationship of education and philosophy.	L3: Applying	1,2,3,4,5,9	1, 2, 3
CO:4	Illustrate the major features of child centric education.	L4: Analyzing	1,2,3,4,5,8,9	1, 2, 3
CO:5	Evaluate the significance of different schools of Indian philosophy.	L5: Evaluating	1,2,3,4,5,6,7,9	1, 2, 3
CO:6	Relate individualistic and socialistic aims of education.	L4: Analyzing	1,2,3,4,5,8,9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	3	2	2	-	2	-	-	-	1	1	3	2
CO2	3	2	-	-	2	-	-	-	2	1	1	2
CO3	1	1	2	1	3	-	-	-	2	1	3	2
CO4	1	1	3	2	3	-	-	1	3	2	3	3
CO5	2	2	3	2	3	3	2	-	2	2	2	3
CO6	1	1	2	1	3	-	-	1	2	1	2	1
Average	1.83	1.5	2.4	1.5	2.7	3.0	2.0	1.0	2.0	1.3	2.3	2.2

Course Content

**SEC-I EDUCATION
COURSE CODE: EDUC1051**

Course name: Computer Application in Education

SYLLABUS

Unit I:

MS office: MS Word, MS Power Point, MS Excel

Unit –II:

Concepts of information and communication technology; Universal access VS Digital Divide – issues and initiatives. Challenges of Integration of ICT in School; Aims and objectives of National Policy on Information and Communication Technology (ICT) in School Education in India.

Unit –III:

Components and Objectives of National Mission on Education through ICT (NMEICT), Spoken Tutorials, Gyan Darshan, Gyanvani, Sakshat Portal, e Gyan Kosh; Virtual laboratory and Haptic technology.

Unit –IV:

Internet resources for different disciplines like natural sciences, social sciences, Humanities and Mathematics. General Introduction to E- learning, Mobile-learning, distance learning, On-line learning, Virtual University, Wikipedia, Massive Open OnlineCourses (MOOCs); Social networking.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level (Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Define information and communication technology.	L1: Remembering	1, 2, 5,9	1, 2, 3
CO:2	Describe the components of NMEICT.	L1: Remembering	1, 2, 5, 9	1, 2, 3
CO:3	Execute data tabulation in ms excel.	L3: Apply	1, 2, 3, 4, 5, 9	1, 2, 3
CO:4	Explain digital divide.	L2: Understanding	1, 2, 3, 5, 9	1, 2, 3
CO:5	Distinguish various govt initiatives for the progress of ICT in education in India.	L4: Analyze	1, 2, 3, 5, 8, 9	1, 2, 3
CO:6	Criticize the issues of ICT in India.	L5: Evaluate	1, 2, 3, 4, 5, 6, 7, 9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	2	2	-	-	1	-	-	-	1	2	2	1
CO2	2	1	-	-	2	-	-	-	2	3	2	1
CO3	1	2	1	3	1	-	-	-	2	2	1	2
CO4	2	2	2	-	2	-	-	-	1	1	2	1
CO5	1	1	2	-	2	-	-	2	2	1	1	2
CO6	2	1	2	1	2	1	2	-	1	1	2	1
Average	1.7	1.5	1.8	2.0	1.7	1.0	2.0	2.0	1.5	1.7	1.7	1.3

Course Content

EDUCATION MINOR
COURSE CODE: EDUC1021

Course name : Principles of Education

SYLLABUS

Unit I:

Education: Meaning, Nature and Scope • Functions of Education • Factors of Education
Aims of Education: Individualistic and Socialistic.

Unit –II:

Meaning of Curriculum. Types of Curriculum. Principles of curriculum construction.
Co – curricular activities.

Unit –III:

Child Centric Education: Meaning and Characteristics. Aims of modern child centric education.
Child Centric Education: its significance.
Play and play-way in education: Kindergarten, Montessori, Basic education and Project method.

Unit –IV:

freedom and discipline: Concepts. Need of discipline.
Concept of free discipline. Concept of self – discipline.
Application of Discipline in Educational Institution.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level (Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Explain the aims and functions of education.	L2: Understanding	1,2,3,5,9	1, 2, 3
CO:2	Distinguish play-way methods in education.	L4: Analyzing	1,2,3,5,8,9	1, 2, 3
CO:3	Demonstrate a child-centric model of education.	L3: Applying	1,2,3,4,5,9	1, 2, 3
CO:4	Describe the types of curriculum.	L1: Remembering	1,2,5,9	1, 2, 3
CO:5	Judge the significance of discipline and freedom.	L5: Evaluating	1,2,3,4,5,6,7,9	1, 2, 3
CO:6	Illustrate the principles of curriculum construction.	L4: Analyzing	1,2,3,5,8,9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	2	1	2	-	1	-	-	-	1	1	2	2
CO2	2	2	3	-	2	-	-	2	1	1	3	1
CO3	3	1	2	2	1	-	-	-	2	2	2	1
CO4	2	2	-	-	2	-	-	-	1	1	2	1
CO5	3	1	2	1	3	1	1	-	1	1	2	2
CO6	2	1	3	-	2	-	-	2	2	1	1	1
Average	2.3	1.3	2.4	1.5	1.8	1.0	1.0	2.0	1.3	1.2	2.0	1.3

Course Content

EDUCATION MAJOR

COURSE CODE: EDUC2011

Course name : Educational Psychology - 1

SYLLABUS

Unit –I:

● Introduction to Psychology, Meaning, and Definition, ● Nature and Scope of Educational Psychology, ● Relation between Education and Psychology, ● Methods of Educational psychology

Unit –II:

● Growth and Development: Meaning and Concepts, ● Determinants of Development- Heredity and Environment, ● Principles of Development, ● Stages of Physical Development, ● Characteristics of different stages, ● Areas of development: Emotional, Intellectual and Social, ● Individual differences: concept, types, and educational implications.

Unit –III:

Concept of learning, ● Factors associated with learning, ● Theories of learning: Trial and Error, Classical Conditioning; Operant Conditioning, Insightful learning, ● Gagne's theory of learning.

Unit –IV:

Transfer of Learning: Concept, Theories and Educational Application.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level (Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Evaluate different theories of 'transfer of learning' in educational context.	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:2	Define psychology.	L1: Remembering	1,2,5,9	1, 2, 3
CO:3	Criticize the determinants of development	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:4	Illustrate the different stages of development.	L4: Analyzing	1,2,3,4,5,8,9	1, 2, 3
CO:5	Demonstrate different theories of learning.	L3: Applying	1,2,3,4,5,9	1, 2, 3
CO:6	Explain the relationship between education and psychology.	L2: Understanding	1,2,3,5,9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO 1	PSO2	PSO3
CO1	3	3	2	-	1	1	1	-	2	1	1	2
CO2	2	2	-	-	3	-	-	-	1	1	1	1
CO3	3	3	2	-	1	1	1	-	2	1	2	2
CO4	1	1	2	1	3	-	-	2	2	1	1	2
CO5	1	1	2	1	3	-	-	-	1	1	1	1
CO6	1	2	2	-	2	-	-	-	1	1	1	1
Average	1.8	2.0	2.0	1.0	2.2	1.0	1.0	2.0	1.5	1.0	1.2	1.5

Course Content

SEC-I EDUCATION COURSE CODE: EDUC2051

Course name: Education of Children with Special Needs

SYLLABUS

Unit I:

Education of Children with: Visual Impairment: identification, intervention, education and prevention. Hearing Impairment: identification, intervention, education and prevention.

Unit –II:

Education of Children with: Speech and Language Disorders: identification, intervention, education and prevention.

Unit –III:

Education of Children with: Physically Handicap: identification, intervention, education and prevention.

Unit –IV:

Education of Children with: Learning Disabilities: identification, intervention, education and prevention.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level(Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Evaluate the importance of education of the physically handicap students.	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:2	Define different types of impairments.	L1: Remembering	1,2,5,9	1, 2, 3
CO:3	Assess the importance of education of the students with multiple disabilities.	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:4	Illustrate the intervention and prevention strategies for students with special need.	L4: Analyzing	1,2,3,4,5,8,9	1, 2, 3
CO:5	Demonstrate the identification of children with special need.	L3: Applying	1,2,3,4,5,9	1, 2, 3
CO:6	Explain language disorder and learning disabilities.	L2: Understanding	1,2,3,5,9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO1	PSO2	PSO3
CO1	3	3	2	-	1	1	1	-	2	1	1	2
CO2	2	2	-	-	3	-	-	-	1	1	1	1
CO3	3	3	2	-	1	1	1	-	2	1	2	2
CO4	1	1	2	1	3	-	-	2	2	1	1	2
CO5	1	1	2	1	3	-	-	-	1	1	1	1
CO6	1	2	2	-	2	-	-	-	1	1	1	1
Average	1.8	2.0	2.0	1.0	2.2	1.0	1.0	2.0	1.5	1.0	1.2	1.5

Course Content

EDUCATION MINOR
COURSE CODE: EDUC2021

Course name : Educational Psychology

SYLLABUS

Unit I:

Educational Psychology: Meaning, Nature and Scope □ Relation between Education and Psychology □ Methods of Educational Psychology

Unit –II:

Growth and Development: Meaning and Concepts. □ Stages of Development of a Child: Infancy, Childhood and Adolescence. □ Aspects of Child Development : Physical, Intellectual, Emotional, Social

Unit –III:

Personality: Concept and definition. □ Development of Personality. □ Types and Traits Approaches to Personality. □ Individual Differences: Concepts and Types. □ Causes of Individual Differences.

Unit –IV:

Intelligence: Concept and Definition. □ Theories of intelligence: Two-factor, Group-factors and Structure of Intellect. □ Intelligence Test: Verbal, Non-verbal test and their uses.

Unit –V:

Learning: Meaning & Nature. □ Factors associated with learning. □ Theories of Learning: Trial & Error, Classical conditioning and Gestalt theory of learning. □ Learning relation to; Attention, Interest, Maturation and Motivation.

Course Outcomes (COs)

After completion of this course, students will be able to

Sl. No.	Course Outcomes (COs)	Knowledge Level (Bloom's Level)	POs Mapping	PSOs Mapping
CO:1	Evaluate the educational implication of learning.	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:2	Define psychology.	L1: Remembering	1,2,5,9	1, 2, 3
CO:3	Criticize the determinants of development.	L5: Evaluating	1,2,3,5,6,7,9	1, 2, 3
CO:4	Illustrate the trait and type approaches of personality.	L4: Analyzing	1,2,3,4,5,8,9	1, 2, 3
CO:5	Demonstrate different intelligence tests.	L3: Applying	1,2,3,4,5,9	1, 2, 3
CO:6	Explain the relationship between education and psychology.	L2: Understanding	1,2,3,5,9	1, 2, 3

Programme Articulation Matrix (CO-PO Matrix)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PSO 1	PSO2	PSO3
CO1	3	3	2	-	1	1	1	-	2	1	1	2
CO2	2	2	-	-	3	-	-	-	1	1	1	1
CO3	3	3	2	-	1	1	1	-	2	1	2	2
CO4	1	1	2	1	3	-	-	2	2	1	1	2
CO5	1	1	2	1	3	-	-	-	1	1	1	1
CO6	1	2	2	-	2	-	-	-	1	1	1	1
Average	1.8	2.0	2.0	1.0	2.2	1.0	1.0	2.0	1.5	1.0	1.2	1.5