

## Core IV

## Pedagogical Perspectives in Education

### Course Outcomes (COs):

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

- Understand the concept of pedagogy.
- Explain different teaching Strategies.
- Find out the relationship between teaching and learning.
- Enlist different approaches and methods of teaching.
- Know the core teaching skills.
- Prepare lesson plans following different designs.

### UNIT I- Concept of Teaching and Learning

#### Learning Outcomes

- ✓ *Explain the concept of pedagogy*
- ✓ *Explain different teaching task with example*
- ✓ *Prepare a lesson plan following different designs*
- Meaning and definition of teaching and learning, Relationship between teaching and learning
- Variables involved in teaching task: independent, dependent and intervening
- Phases of teaching: Pre-active, inter- active and post- active
- Levels of teaching: memory, understanding and reflective
- Lesson plan design- The Herbartian steps, 5 E and ICON design model

### UNIT II - Theories of Teaching

#### Learning Outcomes

- ✓ *Differentiate pedagogy from other allied concepts*
- ✓ *Establish relationship between teaching and learning*
- Meaning and nature of teaching theory
- Types of teaching theories:
- Formal theories of teaching- communication theory of teaching
- Descriptive theories of teaching– Gagne’s hierarchical theory of instruction and
- Bruner’s cognitive theory of instruction
- Normative theories of teaching - Mitra’s psychological theory of teaching and
- Clarke’s general theory of teaching

### UNIT III Principles and maxims of teaching

- General principles of teaching
- Psychological principles of teaching
- Maxims of teaching
- Core teaching skills: Introducing the lesson, explaining, illustrating with examples, stimulus variation, and reinforcement, questioning, probing questions, closure.

## UNIT IV Approaches and methods of Teaching

### Learning Outcomes

- ✓ *List out different approaches and methods of teaching*
- Concept of approach, method, strategy and techniques
- Methods of teaching: inductive-deductive, analytic- synthetic, problem solving and project
- Shift in focus from teaching to learning- constructivist approach to learning

### Practicum: 30 Marks

Preparation of rating scale/ checklist /observation schedule to evaluate classroom Teaching and reporting.

*NB: It will be evaluated by both the internal and external examiners.*

### Mode of Course Transaction:

Seminar, Team Teaching, Dialogue, Peer-Teaching, Peer Group Discussion, Collaborative and Cooperative Learning, Field Trip, Concept Mapping, Lecture Method, Self-Learning.

### Text Books

- ✓ Kochar, S.K. (2011). *Methods and Techniques of teaching*. Sterling Publisher Pvt. Ltd., New Delhi
- ✓ Chauhan, S.S. (1995). *Innovations of teaching learning process*. Vikash Publishing House, New Delhi
- ✓ Sharma, R.A. (1986). *Technology of Teaching*. International Publishing House, Meerut.

### Suggested Books

- ✓ Aggarwal, J.C. (1995). *Essentials of Educational Technology*. Vikash PublishingHouse, New Delhi
- ✓ Walia, J.S. (2013). *Educational Technology*. Jalandhar, Punjab: Ahim Publications.
- ✓ Mangal, S.K. and Mangal, U.(2010) *Essentials of Educational Technology*, NewDelhi, PHI Learning Pvt. Limited
- ✓ Nageswar Rao, S., Sreedhar, P. & Rao, B. (2007). *Methods and techniques of teaching*, Sonali Publications, New Delhi
- ✓ Oliver, R.A. (1963) *Effective teaching*, JM Dent & Sons Pathak, R.P. & Chaudhary, J. (2012) *Educational Technology*, Pearson, New Delhi
- ✓ Ryburn, W.M.(1955) *Principles of Teaching*, Geoffrey Cembridge, OUP
- ✓ Sampath, K, Pannir Salvam, A., & Santhanam, S. (1981) *Introduction to Educational Technology*, Sterling Publisher, New Delhi