

**PERSPECTIVES IN EDUCATION 5**  
**ESSENTIALS OF TEACHING AND LEARNING**  
**FIRST YEAR / SEMESTER II**

**OBJECTIVES:**

At the end of the course, the student-teachers will be able to

- acquire the knowledge the concept, terms and procedures in teaching and learning;
- understand the principles and maxims of teaching;
- acquire knowledge on the various theories of teaching;
- apply various models of teaching to teaching situation;
- comprehend the instructional system;
- gain knowledge of innovative methods and devices of teaching;
- develop skills of using different techniques of teaching;

**UNIT-I: CONCEPTS OF TEACHING-LEARNING**

**(15 hours)**

Concept, Definition, Nature, Levels and Phases of Teaching and Learning- Teaching as an Art, Teaching as a Science and Teaching as a Profession- Variables in Teaching - Relationship between Teaching and Learning- Modes of Learning: Enactive, Iconic and Symbolic modes of Learning - Types of Learning: Factual, Association, Conceptual, Procedural, Generalization, Principles and Rules, Attitudes, Values and Skill Learning – Domains of Learning: Cognitive, Affective and Co native Learning.

**Activity:**

Illustrate with suitable examples the different modes of learning in your optional subject.

**UNIT-II: PRINCIPLES, MAXIMS AND THEORIES OF TEACHING**

**(14 hours)**

General principles of teaching: Purposeful-Based, Paedo -Centered, Experience- Based, Activity-Centered and Evaluation-Based Teaching - Psychological principles of teaching - Maxims of Teaching. Types of Teaching Theories: (1) Formal Theory of Teaching- Communication Theory, Moulding Theory and Mutual Inquiry (2) Descriptive Theory of Teaching and (3) Normative Theory.

**Activity:**Design an activity based project in your optional subject

### **UNIT-III: MODELS OF TEACHING**

**(16 hours)**

Concept and Definition- Fundamental Elements of Teaching Models -Types of Teaching Models: (1) Information Processing Models-Bruner's Concept Model (2) Social Interaction Model- Glaser's Classroom Meeting Model (3) Personal Development Models- Roger's Non-directive Model (4) Behavior Modification Models-The Training Model.

#### **Activity:**

Conduct a group storming session on how Behaviour Modification Model could be used in developing pro-social behaviour and submit a report.

### **UNIT-IV: INSTRUCTIONAL SYSTEM**

**(14 hours)**

System Approach: Concept, Meaning, Types and Steps in System Approach- Input- Process- Output-Model of a system- Feedback based Model of system - Steps involved in the development of the Instructional System- Role of Teacher in the Instructional System.

#### **Activity:**

Write the role of a teacher in an Instructional system in the ICT era.

### **UNIT-V: THE TECHNIQUES OF TEACHING**

**(16 hours)**

Concept of Teaching Techniques-Categorization of Teaching Techniques-Teacher Dominant Techniques: Telling, Indoctrination, Guidance and Counselling, Drill and Demonstration- Student Dominant Techniques: Debate, Creative Writing, Library Work, Project work, Field Trip, Problem Solving Technique, Brain Storming, Colloquium, Self-Learning, Meaningful Learning, Programmed Instruction, Keller Plan and Computer Assisted Instruction (CAI) -Group activities involving Team Work: Group Interactive sessions, Co-operative Learning, Constructivist Learning, Group Investigation and Group Project. Flander's Instructional Analysis.

#### **Activity:**

- a) Conduct a debate on current educational issues.
- b) Select a topic in your optional subject and write a lesson in constructivistic approach.

### **SUGGESTED READINGS**

Bose, C.R., & Ramachandran. *Education Technology*. NCERT. New Delhi.

Derek, Rowntree. (1986). *Teaching through Self- instruction*. London: Kogan page.

Flanders, H.D. *Analysing Classroom Interaction*. London: Addison Wesley.

Gagne, R.M.(1965).*Educational Objectives and Human Performance in Learning and the Educational Process*.Chicago: Rand Mac Nally&Co.

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Jangira. N.K., *Draft Workshop on Teaching Model*, NCERT, New Delhi.

Jangira,N.K.,*Core Teaching Skill Micro teaching Approach*. NCERT. New Delhi.

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Prem Latha Sharma.(2006). *Learning Readiness*. New Delhi: Roshan Offset Printers.

Siddiqui,M.H.,& Khan,M.S. (1991).*Models of Teaching Theory and Research*. Delhi:Ashish Publishing House.

Sharma, Motilal.(1985).*System Approach: Its Application in Education*.Bombay: Himalaya Publishing House.

Sharma,R.A.(1991).*Technology of Teaching*. Meerut: R.Lall Book Depot.