

103 Learning and Teaching

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Course Code	Title of the Course	Credits	Hours	Marks (External+Internal)
PERSPECTIVES OF EDUCATION – CORE COURSES				
BED101	Childhood and Growing up	4	64	80+20
BED102	Contemporary Indian Education, Gender and Society	4	64	80+20
BED103	Learning and Teaching	4	64	80+20
BED104	Assessment and Evaluation for Learning	4	64	80+20
BED105	Advanced Pedagogy and Application of ICT	4	64	80+20
SPECIALIZED COURSES- OPTIONAL COURSES				
BED106 01 to 11	Understanding disciplines and school subjects (any two from the list No. 1)	4 (2+2)	64 (32+32)	40+10 40+10
BED107 01 to 11	Pedagogy of school subjects (any two from the list No. 2)	4 (2+2)	64 (32+32)	40+10 40+10
PRACTICING FOR CONSTRUCTIVIST TEACHING LEARNING				
BED108	Teaching Competency I (a) Micro Teaching (b) Integration Lessons and Simulation Lessons	2	32	50
BED109	Teaching Competency II (a) Technology based teaching (b) Team teaching (c) Lessons using Models of teaching	2	32	50
BED110	Teaching Competency III (a) Practice Lessons (b) Introduction to Internship	4	64	100
ENHANCING PROFESSIONAL CAPACITIES				
BED 111	A) Critical understanding of ICT – Practical B) Co curricular Activities and social service	2 (1+1)	32 (16+16)	50 (25+25)
BED 112	Health and Yoga	2	32	50
TOTAL		40	640	1000

Objectives

To enable the student teacher to:-

1. understand the concept of learning
2. comprehend the theories of learning
3. appreciate the idea of learning as construction of knowledge
4. realize the connection between learning in school and learning outside school
5. recognize the relationship between teaching and learning

Objectives...

To enable the student teacher to:-

6. analyze the complex process of teaching
7. acquaint themselves with different approaches of teaching that support learning
8. value the relevance of reflection in the teaching learning process
9. realize the significance of the context in which the teaching learning process occurs
10. acknowledge that teaching is a profession

Unit 1 Learning Theories and Instructional Strategies

- **1.1 Concept of Learning -**
 - a) Definition of learning, Meaning of formal, informal and non-formal learning
 - b) Process of learning- the learning curve.
 - c) Learning through observation and imitation
 - d) Factors affecting learning (Individual and Environmental: Maturation, Motivation, Intelligence, Interest, Attention, Fatigue)
 - e) Transfer of learning: concept and types.
 - f) Implications for teaching

Unit 1 Learning Theories and Instructional Strategies

1.2 Traditional Theories of Learning by:

- a) Thorndike,
- b) Pavlov
- c) Skinner
- d) Kohler
- e) Implications for teaching of the above theories

Unit 2: Active Engagement In Learning

2.1 Theory by:

a) Pavio - Dual coding theory

b) Implications of the theory for learning:

Relevance in learning, Role of teacher and

Role of learner.

Unit 2: Active Engagement in Learning

2.2 Theory of Constructivism:

- a) Cognitive constructivism (concept and features)
- b) Social Constructivism (concept and features)
- c) Concept mapping and Mind mapping
- d) Characteristics of a Constructivist classroom

2.3 Implications of Constructivism for teaching

2.4 Brain based learning: Principles and Educational Implications.

Unit 3: Aspects of Teaching

3.1 Concept of teaching:-

a) Definitions of teaching

b) Levels of teaching

c) Teaching for diversity in the classrooms:

Lecture Method, Seminars, Pair work and Group

work, Project work, Flipped Classroom and Technology based teaching

d) Pedagogy and Andragogy - Concept and implications for teaching

Unit 3: Aspects of Teaching

3.2 Functions of teaching

3.3 Micro teaching and teaching skills,
21st century teaching skills

3.4 Diagnostic testing and Remedial
Teaching

3.5 Need and importance of :-

(i) Annual Plan

(ii) Unit Plan

Unit 4: Planning for Effective Teaching

4.1 Parameters of effective teaching

4.2 Maxims of teaching

4.3. Principles of teaching

4.4 Models of teaching - Concept, Features, Families and implications for classroom

a. **Advance Organizer Model**

b. **Concept Attainment Model**

c. **Inquiry Training Model**

d. **Jurisprudential Inquiry Model**

Unit 4: Planning for Effective Teaching

4.5 Team teaching - Concept and implications for teaching

4.6 Reflective teaching - Concept and implications for the teaching

4.7 Teaching as a profession

Mode of Transaction

- Lecture,
- Discussion,
- Assignment,
- Group work,
- Project,
- Field Visit,
- Poster Presentation,
- Seminar and
- Interview

Practical

(Any One From The Given List)

1. Construct and develop a concept map or a mind map on any unit or topic from the course.
2. Experiment on (any 2)
 - a. Learning,
 - b. Attention or
 - c. Fatigue.
3. Develop an Annual Plan and Unit Plan
(one school subject).
4. Plan and implementation of one lesson using Models of Teaching.

References

1. Dandekar, W.N. and Makhija, Sanyoglata (2002). Psychological Foundations of Education. New Delhi: MacMilan India Ltd.
2. Siddiqui, Mujibul Hasan (2008). Educational Psychology. New Delhi: APH Publishing Corporation.
3. Chaube, S.P. (2003). Developmental Psychology. New Delhi : Neelkamal Publications.
4. Mangal S.K. (2005). Advanced Educational Psychology. New Delhi: Prentice-Hall of India.