

Course Work for the Ph.D Programme

Special Paper: Psychological Foundation of Education  
Credit : 3+1+0= 4

Ph.D  
paper code: EDN SP301

EDN 301

EDN 201

**Introduction:**

Educational Psychology is the study of social and cognitive psychological theories applied to the entire enterprise of learning and instruction. In this course, we will narrow that broad field to studying learning theory and how that theory applies to teaching practices. Specifically, the course will explore the use of scaffolds in instructional activities. The purpose of this course is to provide us opportunities to read educational psychological research, understand underlying theories and their application to classroom experiences, and to replicate, when possible, studies with action research. We will gain deeper understandings of key psychological theories as well as methodological concepts.

**Objectives:** To enable the students to develop the following objectives

- To understanding the concept of Psychology, relationship between education and psychology and Scope of Psychology.
- To understand the contributions of different schools of Psychology to education.
- To understand the nature, types and theories of learning.
- To understand the Intelligence, Reasoning, Problem solving and Creative thinking.

**Unit1:** a) Concept of Psychology and Educational Psychology – Meaning and Definitions. Relationship between Psychology and Education.

b) Contribution of Various Schools of Psychology – 1) Psychodynamic 2) Humanistic, 3) Behavioristic, 4) Cognitive.

c) Contribution of Educational Psychology to the Teaching Process

d) Scope of Educational Psychology – 1) The Teacher 2) The Learner 3) The Learning Environment 4) Learning Resources.

**Unit 2.** Critical Analysis and Educational Implications of Learning, Cognition and Constructivism :

a) Behaviorist Theories : Classical Conditioning (I. Pavlov, J. Watson) Operant Conditioning (B.F. Skinner) Reinforcement Theories (B.F. Skinner, W. Guthrie).

b) Cognitivist / Constructivist Theories : Cognition, Information Processing, Meta Cognition, Constructivism and Active Learning (David Ausubel, Jerome Bruner, Gagne)

c) Social Learning (Albert Bandura) and Social Constructivism (L. Vygotsky)

d) Theories of Teaching : 1) Behavioristic, 2) Cognitive, 3) Humanistic.

**Unit 3:** Intelligence : Meaning and nature, influence of Heredity Environment on intelligence. The Piagetion Theory of intellectual development, Concept of multiple intelligence, social intelligence and emotional intelligence.

**Unit 4 :** Reasoning, Problem solving and creative thinking. Characteristics of Problem Solving, Nature, Development and identification of creativity and fostering creativity.

**Suggestive readings:**

1. Chauhan, S.S. (1978). Advanced Educational Psychology. Vikas Publishing House Pvt. Ltd., New Delhi.
2. Dandipani, S.(2000).A Textbook of Advanced Educational Psychology. New Delhi: Anmol.
3. Kupaswami, Educational Psychology, New Delhi
4. Kundoo, C.L. and Tutoo, D.N.(2000) Educational Psychology. New Delhi: Sterling Publishers Pvt. Ltd.
5. Mangal S.K. (1974). Educational Psychology. Tandon Publications, Ludhiana .
6. Mangal. S.K.(2007). Essentials of educational psychology ( 2nd edition) Prentice Hall of India, New Delhi Publications Pvt. Ltd
7. Mohanty, M.S.(1993). Educational Psychology & Statistics. Shri Durga Pustak Bhandar, Sambalpur.
8. Morgan, C.T., King, R.A. and Schopler, J. (1993). McGraw Hill Publishing Company Ltd., New York.
- Rao, V.K. and Reddy, R.S (ed.) Teaching and Learning (Commonwealth Publishers, New Delhi, 2007).
9. Sharma, S.K and Tomar, M (eds.) Learning and Teaching Learning Process (Isha Books, Delhi, 2007).
10. Sorenson, H. (1964). Psychology in Education. International Student Edition, McGraw hill Book Co., INC. New York.
11. Sing, A.K. (2013): The Comprehensive History of Psychology, Motilal Banarsidass Publishers Pvt. Ltd. Delhi.
12. Chatterjee, S.K. (2000): Advanced Educational Psychology, published by Books and Allied(p) Ltd. 8/1 Chintamani Das Lane ,Calcutta 700 009 (India).