

Course Code : EDN 252
Course Title : Psychological foundations of Education
Total Contact Hours : 60
Total Credits : 4
Total Marks :100

Course Objectives (COs) The course objectives are to enable students to:

1. identify and articulate the psychological foundations in education
2. explain and evaluate concepts of intelligence and creativity and their educational significance
3. analyse and discuss the principles of learning and motivation and their application in educational contexts
4. assess the concepts of personality and individual differences, and their implications for education

Learning Outcomes (LOs) The learners after the completion of the course they will be able to:

1. identify the fundamental principles of psychology as they relate to education
2. explain the concept of intelligence, theories of intelligence and the role of education in promoting creativity.
3. relate to the concept of learning, motivation and the theories associated herein.
4. illustrate the concept of personality, individual differences, and their educational implications.

Unit I: Introduction to Psychology and Education

- Meaning, Nature, Scope of Psychology
- Meaning, Nature, Scope of Educational Psychology
- Relationship between Psychology and Education
- Importance of Educational Psychology for a teacher.

Unit II Intelligence and Creativity

- Meaning, Nature of Intelligence
- Determinants of intelligence
- Theories of Intelligence: Spearman's two factor Theory, Thurstone's Multifactor Theory, Guilford's Structure of Intellect, Howard Gardner's Multiple Intelligence Theory.
- Meaning and Nature of Creativity, Role of Education in promoting Creativity.

Unit III: Learning and Motivation

- Concept of Learning and factors influencing Learning
- Theories of learning: Thorndike, Pavlov, Skinner, and Gestalt (Insightful learning) theories of learning

- Social Development theory: Vygotsky
- Concept of Motivation, and Maslow's Hierarchy of Needs

Unit IV: Personality and Individual differences

- Meaning, Nature and Determinants of Personality
- Measurement of Personality
- Theories of Personality: Allport, Cattell and Freud.
- Individual differences and its educational implications

Sessional Work

- Internal Test and Assignment

25 Marks

Activity: (Any one)

1. Assignment on any topic related to the syllabus.
2. Creation of a short video on Motivation
3. Administer a personality test on a subject and interpret.
4. Administer an intelligence test on a subject and interpret
5. Any other

Suggested Readings

1. Chauhan, S.S. (2003). Advanced Educational Psychology (Ed 6th). New Delhi, Vikas Publishing House
2. Houtz John C. (2002). The Educational Psychology of Creativity (Perspectives on Creativity Research). Hampton Press.
3. Krause, Kerri-Lee., Bochner, Sandra., & Duchesne, Sue. (2006). Educational Psychology for Learning and Teaching (2nd edition). Cengage Learning.
4. Mayer, Richard. E. & Alexander, Patricia. A. (Eds.). (2016). Handbook of Research on Learning and Instruction (Educational Psychology Handbook, 2nd edition.). Routledge.
5. Morris, E.E. (1972). Psychological Foundations of Education. New York, Holt, Rinehart
6. Rao, U. (2008). Advanced Educational Psychology (Ed 1st). Mumbai, Himalaya Publishing House
7. Zhang, Li-fang., & Sternberg, Robert. J. (Eds.). (2001). Perspectives on Thinking, Learning, and Cognitive Styles (Educational Psychology Series). Routledge.