

DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

Programme: B. Tech (Minor in Psychology)

Course Title: Creativity and Innovation

Course Category: Minor

Course Code: HSMP 302

Credits: 3 (L-3)

Semester: 5th

Course Objectives

To enable the student to understand frameworks related to creativity and innovation and to explore the applications of creativity and its environmental influences.

Instructions for Examiner

The number of questions to be set will be five, one from each unit. The examinees will be required to attempt all five questions. All questions shall carry equal marks.

Unit I

Historical Perspectives on Creativity, Definition of Creativity, Theories of Creativity. The Creative Process – Stages and Components, Assessing and Measuring Creativity. Brain and creativity. Creative Intelligence.

Unit II

Cognitive Processes and Creative Thinking, Personality Traits and Creativity, Motivation and Creative Behavior, Intelligence and Creativity, Mental Blocks and Overcoming Barriers to Creativity, Creative Self-efficacy and Confidence.

Unit III

Social and Cultural Factors in Creativity, Organizational Climate and Creativity, Team Dynamics and Group Creativity, Environment and Creativity, Creativity in Educational Settings, Technology and Creativity.

Unit IV

Creativity in Problem-solving and Decision-making, Creativity in Personal and Professional Development, Applied Creativity in Different Fields, Innovation and Entrepreneurship, Ethical Consideration in Creative Practices.

Course Outcomes

At the end of the course, students will be able to apply knowledge of creativity and innovation concepts to solve problems and generate innovative solutions in their domains and they will be able to synthesize interdisciplinary perspectives to explore the role of creativity and innovation in diverse fields.

References

1. Sawyer, R. K. (2012). Explaining Creativity: The Science of Human Innovation. OUP USA.
2. Baron, R.A. (2004). Psychology, 5th ed. New Delhi: Pearson education.
3. Weiten, W. (2002). Psychology: Themes and Variations, 5th ed. New York: Brooks/Cole Publishing co.