

Faculty of Engineering & Technology

Psychology

Information :

Course Code : PSY 101

Level : Undergraduate

Course Hours : 2.00- Hours

Department : University Requirments

Area Of Study :

Displacement, Velocity and Acceleration of a particle, Use of Cartesian coordinates to describe particle motion, Projectiles, Particle motion on straight paths, Trajectory equations, Rectangular and polar axes , Relative motion of two particles. Newton's law of motion, Resistive media, Rocket motion as an application on variable mass particles, Simple harmonic motion of a particle, Motion on circular path, Principle of work and Kinetic energy, Conservative forces, Principle of conservation of mechanical energy, Principle of impulse and momentum.

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Course outcomes :

a. Knowledge and Understanding: :

1 -	Understand fundamental concepts and theories related to their environment and their psychological well-being.
2 -	Describe different human behavior and ways of its motivation.
3 -	Recognize different psychological terms, concepts and principles.
4 -	Discuss specifications and major perspectives in psychology.
5 -	Identify the criteria for current use of the ways that psychological theories are used to assess, predict and change human behavior.

b. Intellectual Skills: :

1 -	Analyze critical thinking using psychological theories and principles on personal relationships.
2 -	Implement the solutions of assessing human behavior.
3 -	Determine measurement criteria for predicting human behavior.

c. Professional and Practical Skills: :

1 -	Run observational methods to describe, explain, predict as well as control behavior of either one or others.
2 -	Use psychology to influence and improve lives of human beings.
3 -	Install and maintain different supporting tools to make decisions in different situations effectively.
4 -	Manage time effectively.

d.General and Transferable Skills: :

1 -	Communicate effectively with others by applying the information they gained about how the body and mind work together.
2 -	Apply communication skills and techniques in presentations and report writing for range of audiences using various methods and tools.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction to Psychology	2	1	0
Biological bases on behavior	2	1	0
Sensation and perception	2	1	0
State of consciousness	2	1	0
Memory	2	1	0
Learning	2	1	0
Personality	2	1	0
Personality	2	1	0
Personality disorders	2	1	0
Personality disorders	2	1	0
Review / discussion of the research assignment	2	1	0

Teaching And Learning Methodologies :

Interactive Lectures including discussion
Tutorials
Practical Lab Sessions
Self-Study (Project / Reading Materials / Online Material / Presentations)
Seminars

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Assignments	5.00		
Final Exam	40.00		
Midterm Exam (s)	30.00		
Quizzes	10.00		
Research and Reporting	15.00		