

COURSE TITLE	PSYCHOLOGICAL TESTING
COURSE CODE	10PY0804
COURSE CREDITS	4

Objective:

- 1 To introduce the historical development and emergence of psychological testing and its relevance in modern psychology.
- 2 To explain the principles of reliability and validity in psychological testing and their role in evaluating tests.
- 3 To enable students to formulate research problems and develop testable hypotheses.
- 4 To discuss ethical considerations in conducting psychological research.
- 5 To understand psychological testing through application in different areas.

Course Outcomes: After completion of this course, student will be able to:

- 1 To be able to understand the historical development of psychological testing and its fundamental principles.
- 2 To be able to explain the concepts of reliability and validity, applying them to evaluate the quality of psychological tests.
- 3 To be able to formulate a clear and testable research hypothesis based on a given problem.
- 4 To demonstrate an understanding of various testing methods and their application in research.
- 5 To gain hands-on experience by conducting experiments.

Pre-requisite of course:• Foundational knowledge of core psychological principles and research • Knowledge of psychometric theory and ethical considerations in psychological assessment.

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
3	1	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Introduction and testing principles Historical perspectives and the emergence of Psychological Testing; Rationale of testing; Reliability and Validity ; Norms and standardization; Test administration; Rapport building; Ethics and regulations	10
2	Application through theories Evaluating Test Items, Interviewing Techniques, Classical Testing Theory, Item Response Theory.	10

Contents : Unit	Topics	Contact Hours
3	Areas of Testing Intelligence, creativity, Neuropsychological tests, Aptitude Tests, Personality assessment, Interest inventories	12
4	Applications of Psychological Test Testing in Clinical settings, Testing in Organizational and business settings, Testing in education and schools, Testing in Counselling settings, Testing in Military settings, Testing in Career guidance settings	13
Total Hours		45

Suggested List of Experiments:

Contents : Unit	Topics	Contact Hours
1	Issues Related to Psychological Testing Issues Related to Psychological Testing	15
Total Hours		15

Textbook :

- 1 Psychological testing: Principles, applications, and issues, Kaplan, R. M., & Saccuzzo, D. P., Wadsworth Publishing Co Inc, 2001

References:

- 1 Psychological Testing: History, Principles, and Applications, Psychological Testing: History, Principles, and Applications, Gregory, R.J., Pearson Education, 2006
- 2 Kerlinger, F.N.& Lee, H.B., Kerlinger, F.N.& Lee, H.B., Foundations of Behavioural Research., Wadsworth, 1999

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
10.00	15.00	20.00	20.00	20.00	20.00