

PSY453 Psychometrics and Psychological Testing

Level: 4

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JULY

Synopsis:

The aim of this course is to equip students with the foundation knowledge and practical skills for analyzing and interpreting psychometric concepts and testing results. This course focus on the following areas:

1. The paradigms in psychological testing and research and data convergence;
2. The principles of reliability and validity, validation strategies, factor analyses and test fairness analyses;
3. The various forms of assessment; ability, personality, neuropsychological, medical, employment and forensic.

Topics:

- Applications and Consequences of Testing, Ethical and Social Implications of Testing
- Norms and Test Standardization, Concepts of Reliability, Concepts of Validity
- Theories and Individual Tests of Intelligence and Achievement, Test Bias and Other Controversies
- Origins of Personality Testing, Behavioural and Observational Assessment
- Industrial and Organizational Assessment
- Assessments for Career Development in a Global Economy
- Neuropsychological Tests, Batteries, and Screening Tools
- Infant & Preschool Assessment

Textbooks:

Gregory, R.J. Allyn & Bacon.: Psychological Testing: History, Principles and Applications (eText) (7th Edition). Pearson.
ISBN-13: 9781292067551

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ISBN-13: 9781292067551-AA

Learning Outcome:

- Examine the theory and practice of psychological testing
- Differentiate among the various types of psychological tests.
- Appraise which tests are appropriate for various assessments by using the theoretical concepts of psychological testing.
- Judge which tests are appropriate in accordance to the nature of assessment required.
- Assess the appropriateness of the various tests based on the needs of the industries
- Critique the use of psychological tests.

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
TUTOR-MARKED ASSIGNMENT	25
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Sub-Total	50

Examinable Component	Weightage (%)
Written Exam	50
Sub-Total	50

Weightage Total **100**