

**SES's L.S. RAHEJA COLLEGE OF ARTS
AND COMMERCE
(AUTONOMOUS)**



**Syllabus of Application of Psychometrics under NEP 2020 vertical (Major)
with effect from 2024-25**

Department of Psychology

HoD/Sr. Person of the Department: Neha Dalal

Date of approval by the BoS: 27/04/2024

Approved by the Academic Council on: 29/04/2024

Ratified by the Governing Body on: 06/05/2024



Programme: Master of Arts			Semester: I		
Course: Application of Psychometrics			Code: PGMAIMJ324		
Academic Year: 2024-2025			Batch: 2024-2026		
Teaching Scheme			Evaluation Scheme		
Lectures	Practical	Tutorials	Credits	Internal Continuous Assessment (ICA) (weightage)	Term End Examinations (TEE) (weightage)
60	0	0	4	40	60
Particulars				Marks	
Class tests				20	
Projects				10	
Viva Voce				10	

Learning Objectives:	<ol style="list-style-type: none"> Demonstrate a comprehensive understanding of the principles and applications of psychological testing and assessment. Develop proficiency in psychometric concepts and test construction techniques.
Learning Outcomes:	<ol style="list-style-type: none"> Understand the definitions of psychological testing and assessment and distinguish between the two. recall various tools commonly used in psychological assessment, will understand the concept of reliability, validity, and standardization along with applications of psychological assessments Analyse the characteristics and applications of different assessment tools, comparing their strengths and limitations. apply their knowledge to define test variables and select samples for constructing new psychological tests, evaluate the effectiveness of using psychological tests in various settings
Pedagogy:	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>

Module	Module Content	Module Wise Pedagogy Used	Module Wise Duration
I	<p>Theoretical-conceptual orientation:</p> <ol style="list-style-type: none"> Measurement in psychology and in the natural sciences Measurement theories: classical test theory, modern test theory 	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>	15

	<ul style="list-style-type: none"> c. Test construction: item analysis, reliability, validity and norms a. Ethical issues in psychological testing 		
II	<p>Test Construction:</p> <ul style="list-style-type: none"> a. Reliability, Validity and standardization b. Defining test variables and sample c. Item construction and Item Analysis a. Test revision and test adaptation 	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>	15
III	<p>Application of Psychological Tests:</p> <ul style="list-style-type: none"> a. Education and counselling b. Clinical, Forensic, Diagnostic application c. Occupational / Organizational settings, Consumer behaviour a. The use of technology in Psychological Assessment 	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>	15
IV	<p>Use of Technology in Psychometric Assessment:</p> <ul style="list-style-type: none"> a. Computerized adaptive testing (CAT) b. Telepsychology and remote assessment d. Mobile applications for assessment and monitoring 	<p>Interactive lectures PowerPoint presentations Observation and Analysis Case studies</p>	15

REFERENCE BOOKS

- Anastasi, A. & Urbina, S. (2002). Psychological testing. New Delhi: Pearson Education Asia.
- Cohen, R.J., & Swerdlik, M.E. (2018). Psychological testing and assessment: An introduction to tests and measurement (9th Ed.). New York: McGraw- Hill.
- Gary Groth-Marnat (2016) Handbook of Psychological Assessment (6th Ed), John Wiley & Sons, Inc.
- Gregory, R. J. (2015). Psychological testing: History, principles, and applications (7th Ed). Pearson.
- Irving B. Weiner, Roger L. Greene (2017) Handbook of Personality Assessment (2nd ed) John Wiley & Sons, Inc.
- Kaplan, R.M. and Saccuzzo, D.P. (2018). Psychological Testing: Principles, Applications, and Issues (9th Ed.) Wadsworth, Cengage.
- Kline, P. (2000). The handbook of psychological testing (2nd Ed). Routledge: Taylor Francis Group London and New York.
- Kulshrestha, S. P. And Rhimal D. N. (Ed.) Recent advances in Educational and Psychological testing, Jugal Kishore & Co., 1984.
- Murphy, K.R., & Davidshofer, C.O. (2019). Psychological testing: Principles an application (International Ed.). New Jersey: Prentice Hall.
- Sharma V, Malhotra S Edi (2011) Clinical Neuropsychology, Harprasad Institute of Behavioural Studies, Agra India
- Singh, A.K. (1997). Test, measurements, and research methods in behavioural sciences. Patna: Bharathi Bhavan Publishers and Distributors.

QUESTION PAPER PATTERN
(60 marks)

Q1. Answer any one (15 marks)

A. Unit one

Or

B. Unit one

Q2. Answer any one (15 marks)

A. Unit two

Or

B. Unit two

Q3. Answer any one (15 marks)

A. Unit Three

Or

B. Unit Three

Q4. Answer any one (15 marks)

A. Unit Four

Or

B. Unit Four