

SARDAR PATEL UNIVERSITY
Programme: Master of Education
Semester: I
Syllabus with effect from: June 2013

Paper Code: PE01EMED04	Total Credits: 4
Title Of Paper: Fundamentals of Psychological Testing	

Unit	Description in detail	Weightage (%)
1	Introduction to Psychological Testing: Meaning and Nature of Psychological Testing, Need and importance of psychological testing, Types of Psychological Tests, Characteristics of a good psychological test, Uses of Psychological Tests	25 %
2	Test Construction and Standardization Process: Objectives, Item construction, Different Try-outs: pre-pilot, pilot & final form Steps of Test Standardization.	25 %
3	Reliability, Validity & Norms: Definition & Types of reliability, Definition & Types of validity, Difference between reliability & validity, Different Types of Norms	25 %
4	Test Construction & Standardization Statistics: Scales of Measurement, Concept and use of NPC, Scaling: Standard Score, Z-score, T-score, Percentile & Percentile Rank General Considerations on Administration, Scoring & Interpretation of Psychological Test	25 %

Basic Text & Reference Books:

- Anastasi, A. Psychological Testing, (7th Ed.), New York: Macmillan Publishing Co.
- Buros, D.K.(Ed.), (1972). The Seventh Mental Measurement Year Book, Highland Park, N.J. Gryphon Press
- Cronbach, L. J. (1982). Essentials of Psychological Testing, New York: Harper (3rd Ed.)
- Freeman, F.S. (1980). Theory and Practice of Psychological Testing, New Delhi: Oxford and IBH Co.
- Garrett, H.E. (1985). Statistics in Psychology and Education, Bombay: Vakils, Feffer and Simons Pvt. Ltd.,
- Helmstaller, G.C. (1966). Principles of Psychological Measurement, London: Methuen Co.Ltd.
- Long, L. and Menta, P.H. (1966). The First Measurement Handbook for India, New Delhi; NCERT
- Nunnally, J.C. (1967). Psychometric Theory, New York: McGraw Hill Book Inc.
- Nunnally, J.C. (1972). Educational Measurement and Evaluation, New York: McGraw Hill
- Pareek, U. and Sound, S., (1971). Directory of Indian Behavioural Science Research, Delhi; Acharan Sahakar
- Patel, R.S., (2010). Psychological Testing, Ahmedabad: Jay Publication
- Super, D.E. and Crites, J.C., Appraising Vocational Fitness by Means of Psychological Tests.
- ત્રિવેદી એમ.ડી. અને પારેખ બી.યુ. (૧૯૮૫) : શિક્ષણમાં આંકડાશાસ્ત્ર, અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
- દેસાઈ કુ.ગો. અને દેસાઈ હ. ગુ. (૧૯૯૨) : મનોવેજ્ઞાનિક માપન, અમદાવાદ : યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ.
- પટેલ, આર. એસ., (૨૦૧૧) મનોવેજ્ઞાનિક માપન, અમદાવાદ, જય પબ્લિકેશન

