

## PSY 10. Psychometry

**Objective:** To educate student about psychometrics and its applications in various fields.

**Marks: 100 + 50 (practicum)**

**Contact Hours: 48**

- 1. Psychological tests/scales:** Historical perspective; Test construction and standardization. Ethical issues. (10)
- 2. Reliability:** Concept of reliability, types of reliability, factors influencing reliability (14)
- 3. Validity:** Concept of validity, types of validity (14)
- 4. Norms and Applications of tests:** Concept of norms, types of norms; Applications in the field of: Education, counseling, clinical, and organization (10)

**Practicum:** The choice of practicum is left to the respective teaching departments. A suggestive list is given below. Students are required to conduct any two of the following

1. Norm formation for any test on Indian population.
2. Reliability estimation
3. Validity estimation
4. Attitude Scale Construction: Semantic differential or Likert.

### Readings:

1. Aiken, L.R., Groth- Marret, Gary ( 2006 ). Psychological Testing and Assessment. Pearson. (chapter 4 and 5)
2. Chadha, N. K. (2009). Applied Psychometry. New Delhi: Sage. (Chapters:5,6,7,8, 9,10,12,13,14,15)
3. Kaplan, R.M., Saccuzzo, D.P. (2005). Psychological Testing and Assessment. Cengage Learning.