

## Semester -VI

### Psychological Measurement and Assessment (Core Course)

**Course Description-** The course focuses on the assessment and measurement of psychological phenomenon. Topics include Psychophysics, Principles of test construction, Reliability, Validity, Administration, Norms, applications of testing to different fields.

**Course Objectives: -**

- i. To introduce the basic concepts of Psychophysics and Assessment and Measurement.



- ii. To understand how does psychological tests are constructed and administered.
- iii To understand and use of various applications of psychological tests in various domains

### **Unit-I**

Human Assessment: Nature and Scope,

Meaning of Psychophysics: Basic problems of Psychophysics, Important concepts of Psychophysics, Methods of Classical Psychophysics

Introduction to Psychological Testing, Nature, Difference between Test and Experiment, Uses of Psychological Tests, Characteristics of Good Psychological Tests.

### **Unit-II**

Psychological Test Construction: Principals and Steps, Item Analysis

Reliability: Meaning, Types and Methods of calculating Reliability

Validity: Meaning, Types and Methods of calculating Validity

### **Unit-III**

Administration of Tests

Norms: Meaning and Types of Norms

Test Scores and their transformation

Types of Psychological Tests: Group and Individual, Verbal and Performance, Speed and Power Tests and Rating Scales

### **Unit-IV**

Applications of Psychological Testing: Educational, Counselling and Guidance, Clinical and Organizational Setting

Neuropsychological Assessment; Meaning and Purpose, Models of Brain-Behavior Relationship, Concept of Minimal Brain Dysfunction, Applications of Neuropsychological Assessment, Neuropsychological Testing

### **Unit-V**

Personality Assessment: Origins, Applications, and issues, pseudoscience and other Historical Antecedents, Theories of Personality, Uses and Misuses of Personality Assessment, Projective Tests of Personality

Practical and Ethical Issues in Psychological Testing

### **Books Recommended:**



Anastasi, A (1997) Psychological Testing, Newyork, McMillan Co.

Chaddha, N.K. (2009) Applied Psychometry, NewDelhi, Sage Publications

Kaplan, R.M and Saccuzzo, D.P (2009) Psychological Testing and Assessment. New Delhi, Cengage Learning.

Lewis R.A. and Gary G.M. (2009) Psychological Testing and Assessment. New Delhi. Pearson Education.

Asthana and Agarwal (2010) Manovigyan aur Shiksha men Maapan Aivn Muyankan, Vinod Pustak Mandir, Agra.

Mahesh Bhargav(2021) Adhunik Manovaigyanik Parikshan avm Maapan. HPB Publications, Agra

### **Practicals**

Students have to complete any 5 of 7 practical of the following. Practical may be in the laboratory or community of field.

1. Two Point Threshold
2. Reaction Time
3. Measurement Of Level of Aspiration
4. Finger Localization Test
5. PASSAT
6. Educational Interest Record

## **Semester -VI**

### **Health and Well-Being (AECC)**

**Course Description:** The course focuses on the aspects of Health psychology and Well-Being. Topics include Health and Well-Being, Relationship between Health and Psychology, Components of Well-Being, Implications for Well-Being

**Course Objective:**

i to introduce students with the concepts Health Psychology and Well-Being.



ii to introduce students with Importance of Health, Well-Being and Psychology.

**Unit-1** Introduction to Health Psychology, Components of Health, Relationship between Health and Psychology.

Mind Body Relationship, Goals of Health Psychology

**Unit-II**

Components of Well-Being

**Unit-III**

Managing Stress, Illness and Pain- Causes, Consequences, Interventions

**Unit-IV**

Implications for Well-Being

Physical Factors as Exercise, Safety, Nutrition

**Books Recommended:**

David, F. Marks and Others (2008) Health Psychology, Sage Publications, New Delhi