

Course Code	Course Name	Credits
26PE006	Test Measurement & Evaluation in Physical Education	04

Course Objectives

- Introduce concepts of test, measurement, and evaluation in Physical Education.
- Explain criteria and scientific authenticity of tests (reliability, validity, objectivity).
- Apply principles of test administration and evaluation procedures.
- Analyze various physical fitness and motor fitness tests.
- Use sports skill tests to assess performance in different games.

Learning Outcomes

Upon successful completion of this course it is intended that a student will be able to:

- Understand key concepts of testing, measurement, and evaluation.
- Apply appropriate fitness and skill tests in Physical Education.
- Analyze test results for performance assessment.
- Evaluate reliability and validity of different tests.
- Conduct and interpret sports skill and fitness assessments effectively.

Unit 1- Introduction to test measurement & Evaluation Meaning of Test Measurement & Evaluation in Physical Education - Importance of Test, Measurement & Evaluation in Physical Education

Unit 2-CRITERIA AND ADMINISTRATION OF TEST : Criteria of Test, Scientific authenticity (reliability, objectivity - validity - availability of norms). Administrative feasibility and educational application. Administration of test: advance preparation - Duties during testing - Duties after testing

Unit 3- FITNESS TEST

Physical fitness test: AAHPERD Health-Related Fitness Battery Roger's physical fitness Index. Cardio vascular test : Harvard step test, 12 minutes run test, Multi-stage fitness test (Beep test). Motor Fitness: Indiana. Motor Fitness Test (For elementary and high school boys, girls, and College Men), JCR test.

Unit 4- SPORTS SKILLTEST: Badminton - Miller wall volley test French short service test. Basketball - Johnson Basket ball test Leilich Basketball test. Cricket : Sutcliff Cricket test. Hockey - Friedal field Hockey test.

Unit 5- SPORTS SKILLTEST: Sports Skill Test: Football - Johnson soccer test McDonald soccer test. Tennis - Dyer Tennis test. Volleyball – Brady volleyball test Russell Lange Volleyball test.

Reference Books:

1. Bangsbo, J. (1994). Fitness training in football: A scientific approach. Bagsvaerd, Denmark:Ho+Storm.
2. Barron, H. M., & Mchee, R. (1997). A practical approach to measurement in physical education. Philadelphia: Lea and Febiger.
3. Barron, H.M. & Mchee, R. (1997). A Practical approach to measurement in physical education. Philadelphia: Lea and Febiger.
4. Kansal, D.K. (1996). Test and measurement in sports and physical education. New Delhi:D.V.S. Publications
5. Campbell, W.R. & Tucker, N.M. (1967)An Introduction in Physical Education, London : G.Bell and Sons Ltd.
6. Bovard, J.F., Cozens, F., W. & Hagman, P.E.(1949)Test and Measurements in Physical Education, Philadelphia: W.B. Sanders Company.