

Government Degree College (Autonomous), Baramulla

Semester: 8th
Education

Major

Measurement and Evaluation
Credits: 6 (4 Theory + 2 Tutorial)

Course Code EDUC3822M
Contact Hours (64 Hours + 32 Hours)

Course Objectives

1. To develop an understanding of educational Measurement and Evaluation.
2. To understand and apply principles of validity and reliability in test construction.
3. To develop skills to construct effective, fair and valid assessment tools.
4. To explore new trends in measurement and evaluation.

Unit 1: Measurement and Evaluation

- i. Concept and nature of Measurement and Evaluation.
- ii. Distinction between Educational Measurement and Evaluation.
- iii. Levels of measurement.
- iv. Types of evaluation: Formative and Summative Evaluation.

Unit 2: Measurement Instruments

- i. Validity: Concepts and factors.
- ii. Types of validity: face validity, content validity, construct validity, criterion validity, concurrent validity and predictive validity.
- iii. Reliability: concept and factors.
- iv. Types of validity: Test – Retest, Split half, Parallel form.

Unit 3: Construction of Test

- i) Planning and preparation of items.
- ii) Item analysis and initial try out.
- iii) Revision of items and final try out.
- iv) Administration and scoring.

Unit 4: New Trends in Measurement and Evaluation

- i. Continuous and Comprehensive Evaluation/ Assessment (CCE/CCA).
- ii. Open book Examination system and Peer to Peer assessment.
- iii. Choice Based Credit System: merits and demerits
- iv. Limitations of present system of examinations.

Practical/ Tutorial

Unit: 1

- i. Administration of one standardized tool and on scoring on 5- 10 students.
- ii. Application of peer-to-peer assessment under guidance of teacher.

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Unit: 2

- i. Description of one standardized test.
- ii. Collection and classification of data on different levels of measurement.

RECOMMENDED BOOKS:

- ❖ Baker, E.L and Quellmalz, E.S Ed. (1980) Educational Testing and Evaluation. London: Sage Publications.
- ❖ Cizek, G. J. (2016) Standard Setting: A Guide to Establishing and Evaluating Performance Standards on Tests. Sage Publications.
- ❖ Griffin, P., McGaw, B., & Care, E. (2012). (Eds.) Assessment and teaching of 21st Century Skills. New York: Springer
- ❖ Hughes, G. Wood, E. & Okumoto, K. (2009) Use of positive Assessment in Distance Learning Centre for Distance Education Report. University of London.
- ❖ Linn, R. L. & Gronlund, N. E. (2003) Measurement and Assessment in Teaching. New Delhi Pearson Education Pvt. Ltd. Camberwell: ACER
- ❖ Masters, G.N. (2013) Reforming Educational Assessment: Imperatives, principles and challenges
- ❖ Mohan, R. (2016) Measurement Evaluation and Assessment in Education. Delhi: PHI Learning Pvt. Ltd.
- ❖ Nitko, A. J., & Brookhart, S. M. (2018) Educational Assessment of Students (7th ed.). Pearson.
- ❖ Stella, A. (2001) Quality Assessment in Indian Higher Education: Issues of Future Perspectives. Bangalore: Allied Publishers Ltd.