Course Code   EDCE-115
SEMESTER-I
"EDUCATIONAL EVALUATION AND STATISTICS "

Objectives :

1. To acquaint the student teacher with the basic scientific concepts and practices in educational evaluation statistics.

2. To enable the student to tabulate and find out some standard meaning from the raw scores by using statistical procedures

3. To enable the student teacher to interpret the result of educational evaluation & statistics

Unit - I Measurement & Evaluation

A. Concept of measurement and evaluation

- Difference between measurement & evaluation
- Continuous evaluation
- Steps of evaluation.

B. Scale of measurement, Nominal, Ordinal, internal & ratio scale.

C. Characteristics of evaluation

Unit - II   Educational Statistics :

A. Measures of central tendency from ungrouped and grouped data and its uses.

B. Measures of Variability : Range, Quartile deviation, Standard deviation, their uses.

C. Coefficient of variation.

Unit - III   Interpreting Measurement

A. Normal Probability curve, skewness and kurtosis.

B. Percentiles and percentile ranks.

C. Standard Scores.

D. Co-efficient of correlation by Spearman's method and its interpretation.

Unit – IV Practicum

1. Administration and interpretation of the results of one standardized test.

2. Draw NPC and interpret the results of raw data.

3. Compare the results of two subjects of a class of the secondary / Higher Secondary School and find the correlation and   interpret it.