

EDUCATION
COURSE NO. EDU (H)-502:
STATISTIC IN EDUCATION

Unit I: Introduction to Educational Statistics.

- a. Meaning Nature, Scope of educational statistics.
- b. Sources of educational data and use of educational statistics.
- c. Important of Statistics in Education.

Unit II: Central Tendencies and Variability.

- a. Measures of central tendencies-mean, median and mode.
- b. Measures of variability-standard deviation.

Unit III: Normal; Probability.

- a. Concept of normal probability.
- b. Properties and uses of normal probability curve in interpretation of test scores.
- c. Divergence from normality-skewness and kurtosis.

Unit IV: Measures of Correlation.

- a. Concepts and kinds of Correlation.
- b. Computation of co efficiency of correlation by rank difference and product moment method.

Unit V: Representation of Data.

- a. Concept of variable.
- b. Types of data-grouped and ungrouped.
- c. Graphical presentation of data-pie diagram, histogram, frequency polygon.
- d. Cumulative frequency graph-give and its uses.
- c. Application of computer in data processing.

READING LIST:

1. Book No.9020001388/Statistic in psychology and Education by henry e.Garrett.
Publishers-Cosmo publications.ISBN-81-307-0136-7
2. Book No.9020001367/Statistic in Psychology and Education By S.K.Mangal.
Publishers-PHI Learning Pvt.Ltd.ISBN-97-881-2032-088-8
3. Book No.9020001314/Statistical Reasoning in Psychology and Education by W. Minium, Bruce M.king, Gordon Bear. Publishers-John Wiley and sons.ISBN-99-715-117-11
4. Book No.9020001306/Statistic in Education and Psychology by Henry E.Garrett.
Publishers-Vakils,Feffer and Simons Ltd.
5. Book No.9020001305/Measurement and Evaluation in Psychology and Education by Dr. Bipin Asthana.
Publishers-Agrawal publications.ISBN-97-893-800-637-06.
6. Book No.9020001414/A Research in Education by John W.Best and James V.Kahn.
Publication-PHI Learning Pvt.Ltd.ISBN-97-881-2033-563-9