

Core Course – XIII : RESEARCH METHODOLOGY

Unit-I

Choosing the problem for research - Review of Literature - Primary, Secondary and Tertiary sources - Bibliographs - Indexing and abstracting - Reporting the results of research in conference - Oral and Poster presentation.

Unit-II

Planning and preparation of thesis - Research journals - National and International monographs - Reprints - Proof correction - Full paper - Shoot Communication - Review Paper.

Unit-III

Biostatistics - Scope - Collection - Tabulation and classification of data - Probability analysis - Graphical diagrammatic representation - Mean, Median, Mode

Unit-IV

Standard Deviation - Standard Error - Test of significance - 't'-Test - Chi-square test - ANOVA Table - Simple Correlation - Regression.

Unit-V

Organisation to computer - CPU - Input and output devices - Memory - Internal and external storage memory - Knowledge about windows and its scientific applications (MS Office, Power Point, Excel) - Retrieval of information from internet.

References

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Note: No Practical for this paper.