

Scheme

S. No.	Paper Code	Paper Name	Credit
1.	001	Research Methodology	4 credits
2.	002	Review of Published Research in the relevant field	3 credits
3.	003	Computer Applications	3 credits
4.	004	Advance course in the relevant subject: Advanced Cartographic Techniques in Geography	3 credits
5.	005	Comprehensive Viva-Voce	3 credits

Paper I: Research Methodology

UNIT I

Definition, Concept, Types, Importance, Formulation of Research problem, Research process, Research design, Data collection tools, Primary and Secondary data.

UNIT II

Qualitative and Quantitative research; Measurements of Scales in Social Sciences.

UNIT III

Sampling Vs Census, Types of samples, Probability and Non Probability methods, Importance of sampling in Social Science, Sample size, Sampling Error.

UNIT IV

Hypothesis, testing of hypothesis, process; types of hypothesis, Sampling distribution, standard errors, test of significance for small and large samples- parametric and non-parametric tests.

UNIT V

Application of Statistical techniques in Research, Measures of central Tendency, Dispersion, Simple correlation, Simple Regression, Normal Distribution, Skewness

UNIT VI

Diagrammatic and Graphical presentation
Report Writing, Research Proposal, Ethics in Research and Presentation Techniques

*Note: Subject wise Research Methodology will be taught with Respective Papers.

Paper II : Review of Published Research in the relevant field

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