

## 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: Advance Study of Military Science	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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