

মহাপুরুষ শ্রীমন্ত শঙ্করদেব বিশ্ববিদ্যালয় MAHAPURUSHA SRIMANTA SANKARADEVA VISWAVIDYALAYA



SYLLABUS FOR MSSVRAT

(This is a common syllabus for **Paper-I** for all the
Ph.D. programmes offered by the University)

Paper- I

Programme: Ph.D.

Code: RAT- RM-01

Sub: Research Methodology

Total Marks: 50

Unit I: Meaning of Research:

- Meaning, aims, nature and scope of research
- Prerequisites of research
- Types of research
- Criteria of good Research and Research Ethics.

Unit II: Types of Research:

- Descriptive vs. Analytical
- Applied vs. Fundamental
- Quantitative vs. Qualitative
- Conceptual vs. Empirical
- Research Process

Unit III: Research Formulation:

- Defining and formulating the research problem
- Sources of a research problem,
- Characteristics of a good research problem
- Necessity of defining the research problem
- Hypothesis: Meaning and types of hypothesis,
- Research Proposal or Synopsis

Unit IV: Literature Review:

- Purpose of the review
- Identification of the related literature
- Organizing the related literature

Unit V: Data Collection:

- Population and sample
- Characteristics of a good sample
- Techniques of sample Selection
- Types of data in research

Unit VI: Research Report:

- Format of the research report
- Style of writing the report

Unit VII: Information and Communication Technology:

- ICT-Meaning
- Advantages & Disadvantages
- Uses of ICT
- Basics of internet.

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Deputy Registrar (Academic)