



RESEARCH METHODOLOGY

Name of Course: RESEARCH METHODOLOGY

Duration: 30 Hrs.

Offered by: Ramakrishna Sarada Mission Vivekananda Vidyabhavan

Eligibility: 10 + 2 Passed & RKSMVV Students

Intake Capacity: 30

Course Fees: Rs. 200/-

Course Overview:

This value-added course on Research Methodology is designed to equip students with essential skills and knowledge required to conduct impactful research. The course will cover fundamental principles and techniques of research.

Course Objectives:

- To enable students to understand the concept of research in Education, nature of educational research and need for educational research.
- To enable students to understand different types of research.

- To enable students with the understanding of research related terminologies: population, sample, data, variable.
- To enable students to understand the meaning and types of sampling procedures.
- To enable students to understand the meaning, nature and types of hypothesis.
- To enable students to understand the qualitative and quantitative techniques of data collection.

Syllabus in Modules:

Research Methodology		
Module	Content	Duration(Hrs.)
1	Research in Education Research – Concept and Importance Classification of Educational Research Basic concept of population, sample, data and different types of variables	6
2	Meaning of Hypothesis and Sampling Framing of Hypothesis Concept of Hypothesis (meaning, types) Sampling Techniques	6
3	Framework of a Research Paper Choosing of area of interest Identifying Research Gap Problem finding Review of related literature	6
4	Data Collection and Analysis Collecting data using two most popular sampling techniques Central Tendency (Mean, Median and Mode)	7

	Graphical representation of data (Polygon) Framing of Questionnaire (open-ended) Interview	
Assessment and Project		5
Total duration		30

Teaching Methodology:

Interactive classes with personal inputs from experienced faculties.

Resource Persons:

Dr. Sarmistha Dutta, Associate Professor, Department of Education, RKSMVV

Smt. Tanju Dutta, Associate Professor, Department of Education, RKSMVV

Dr. Rohini Dharmapal, Assistant Professor, Department of Education, RKSMVV

Smt. Sumana Metya, SACT 1, Department of Education, RKSMVV

Smt. Soma Das, M.A. Education, WBSU, PGD Hospital Management

Learning Outcomes:

- Encourage students to publish independent research papers
- Develop skills in quantitative and qualitative data collection
- Develop understanding of data analysis and presentation
- Develop advanced critical thinking skills
- Understand limitations of writing a research paper
- Ability to choose methods appropriate to one's research aims and objectives

Assessment Procedure:

Three Formative Assessments' scores are provided as percentages. The Total Grade is determined based on the overall performance across all assessments.

The Continuous Assessment column provides a general evaluation of the students' participation, engagement and adherence to deadlines throughout the course.

Grading criteria along with the corresponding percentage ranges:

A: 90%-100%

B: 80%-89%

C: 70%-79%

D: 60% - 69%

F : Below 60%