

SEMESTER-VI

Course: Research Methods in Education

Credit Hours: 3

Introduction

This course is designed for B.S. Ed Honors candidates to prepare them to situate themselves as researching professionals and at the same time enhance their own professional practice. Students will engage in a critical analysis of different research work and relate it to their own context. The units provides students with the opportunity to engage with the research literature and to establish how different researchers techniques help improve the overall classroom situation

Objectives

At the end of the course, the learners will be able to

- Discuss the meaning, nature & scope of research in education
- Situate themselves as researching professionals
- Conduct research in different educational settings
- Write research report and present it effectively

Course Content

Unit 1 The Nature of Educational Research

- 1.1. Definitions of Educational Research
- 1.2. Scope and importance
- 1.3. Scientific method
- 1.4. Research problem and topic
- 1.5. Characteristics of research problem

Unit 2 The Researching professional

- 2.1. Qualities of a researcher
- 2.2. Teacher as researcher
- 2.3. Research ethics

Unit 3 Types of Educational Research

- 3.1. Descriptive Research

3.2. Experimental Research

3.3. Historical Research

3.4. Action Research

Unit 4 Techniques of Reviewing Literature

4.1. Primary sources

4.2. Secondary sources

Unit 5 Methodology

5.1. Population

5.2. Sampling

5.3. Instrument

5.4. Data collection procedure

Unit 6 Data Analysis

6.1. Descriptive

6.2. Inferential

Unit 7 Report Writing

7.1. Writing formats & Presentation

7.2. Referencing

Evaluation Criteria

Examination	Type	Marks
Internal Examination	Sessional Work	15%
	Mid-Semester	25%
External Examination	Final Semester	60%

Recommended Books:

Best, J. W., & Kahn, J. V. (2003) *Research in Education*. New Delhi: Prentice Hall.

Creswell, J. W. (2014). *Research design: Quantitative, qualitative and mixed methods approaches*. London: Sage Publications.

Creswell, J. W. (2012). *Research design: Planning, conducting, and evaluating Quantitative, qualitative research*. London: Pearson.

Gay, L.R., Mills, G. E., Airsian, P.W.(2009) *Educational research: Competencies for analysis and applications*. USA: Prentice Hall.

Fraenkel, J. R., Wallen, E. N., & Hyun, H. H. (2012). *How to design and evaluate research in education*. New York: McGraw-Hill.