



## **B.Ed(4 Years) Elementary Education**

Code	Subject Title	Cr. Hrs	Semester
EDE- 324	Research in Education	3	6
Year	Discipline		
3	Elementary Education		

### **Aims**

This course acts as a foundation for the following semesters. The course aims to help the students increase their proficiency in Research by enhancing their knowledge in the subject.

### **Objectives**

Upon the successful completion of this course the students will be able to:

- Understand and explain the foundations of Education
- Apply their knowledge in different situations
- Develop a sense of understanding the trends and issues of Education

### **Syllabus**

#### **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 Types of Research by Method
- 3.2 Types of Research by Purpose

#### **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

- Measure of frequency
- Measure of central tendency
- Measure of dispersion or variation
- Measure of position

## 6.2. Inferential

- Hypothesis Testing
- Confidence interval
- Regression analysis

## Unit 7 Report Writing

### 7.1. Writing formats & Presentation

### 7.2. Referencing

#### Text Books

- Bryman, A., & Cramer, D. (1990). *Quantitative data analysis for social scientists*: Taylor & Frances/Routledge.
- Cohen, L., Manion, L., & Morrison, K. (2002). *Research methods in education*. London: Routledge.
- Cohen, L., Manion, L., & Morrison, K. (2007). *Research methods in education*: London: Routledge.
- Creswell, J. W. (2009). *Research design: Qualitative, quantitative, and mixed methods approaches*. London: Sage Publications.
- Fraenkel, J. R., & Wallen, N. E. (2002). *How to Design and Evaluate Research in Education with Powerweb: Research Methods*. USA: McGraw-Hill Higher Education.
- Gay, L. R., Mills, G. E., & Airasian, P. (2009). *Educational research: Competencies for analysis and applications* New Jersey: Pearson Education, Upper Saddle River.

#### Reference Material

- Greenfield, T., & Greener, S. (2016). *Research methods for postgraduates*: John Wiley & Sons.
- Hart, C. (2001). *Doing a Literature Search: A Comprehensive Guide for the Social Sciences*. London: SAGE Publications.
- McTaggart, R., & Kemmis, S. (1988). *The action research planner*: Deakin university.
- Muijs, D. (2010). *Doing quantitative research in education with SPSS*. London: Sage Publications.



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<b>Year</b>	<b>Discipline</b>		
<b>3</b>	Elementary Education		