

**INSTITUTE OF SPECIAL EDUCATION**  
**University of the Punjab, Lahore**

**BS Special Education**  
**Research in Special Education**  
**Course Code: SEBS-412**

**Seventh Semester**  
**(3 Credit Hours)**

**Learning Outcomes**

After the completion of this course, the students will be able to:

1. Distinguish between qualitative and quantitative paradigms of research.
2. Evaluate qualitative and quantitative studies, their methodologies and findings.
3. Formulate researchable issues in special education.
4. Identify and reflect on published research

**Contents**

**Unit-1: Introduction and Approaches to Research**

- 1.1 Nature of Reality
- 1.2 Quantitative Approaches
- 1.3 Qualitative Approaches
- 1.4 Ethics and Integrity in Research

**Unit-2: Formulating the Research Problem**

- 2.1 Selecting a Topic
- 2.2 Transforming the Topic into Measurable and Manageable Entity
- 2.3 Research Questions and Hypotheses
- 2.4 Literature Review
- 2.5 Conceptual/hypothetical Framework

**Unit-3: Instrument Development**

- 1.1 Types of Instruments
- 1.2 Qualities of a Good Instrument
- 1.3 Operationalization and Scale Development
- 1.4 Tools of Qualitative Research
- 1.5 Pilot Testing

#### **Unit-4: Data Collection and Analysis**

- 1.1 Sampling and Sampling Procedures
- 1.2 Data Collection Plan
- 1.3 Identification of Stake Holders
- 1.4 Data Management and Analysis

#### **Unit-5: Research Report Writing**

- 1.1 Structure the Report
- 1.2 Proof Reading and Editing
- 1.3 Avoiding Plagiarism
- 1.4 Citations and References

### **Teaching-learning Strategies**

*Lecturing, text book reading, group discussion, question answer sessions.*

### **Assignment- Types and Number with Calendar**

*Classroom presentation, quiz, oral and written test, classroom projects. 2 before mid-term and 2 after mid-term paper will be given.*

### **Assessment and Examinations:**

<b>Sr. No.</b>	<b>Elements</b>	<b>Weightage</b>	<b>Details</b>
1.	Midterm Assessment	35%	Written test at the mid-point of the semester.
2.	Formative Assessment	25%	It is continuous assessment. It includes: classroom participation, attendance, assignment and presentations, homework, attitude and behavior, hands-on-activities, short tests, quizzes etc.
3.	Final Assessment	40%	Written test at the end of the semester.

### **Suggested Readings**

Best, J. W. (2003). *Research in education*. New Delhi: Prentice Hall.

Cohen, L. (2007). *Research methods in education*. (6<sup>th</sup>ed.). London: Routledge.

Gay, L. R. (1996). *Educational research* (5<sup>th</sup> ed.) Ohio: Merrill.

Holiday, A. (2007). *Doing and writing qualitative research*. London: SAGE.

McMurray, A. J.(2004). *Research: A commonsense approach*. Australia: Thomas.

Mitchell, M. L. (2007). *Research design explained* (6<sup>th</sup> ed.). Australia: Thomson.

Taylor, B. (2006). *Research methodology*. New Delhi: PHI Learning.