

BASICS OF EDUCATIONAL RESEARCH

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RESEARCH- ?

- Re + Search = Research

The research is a process of which a person observes the phenomena again and again and collects the data and on the basis of data he draws some conclusions.

- Research is considered to be the more formal, systematic, intensive process of carrying on the scientific methods of analysis. It involves a more systematic structure of investigation, usually resulting in some sort of formal record of procedures and a report of results or conclusions- John. W. Best
- Educational research is to deal with education related issues.

Scope of Educational Research

- Classification on Levels of Education
- Classification on Curriculum Areas
- Classification on Types of Research Methods
- New Emerging Issues

Purpose of Research

- Training in Research
- Problem solving
- Knowledge generation

Characteristics of Research

- Objectivity
- Precision
- Design
- Verifiability

Paradigm of Research

- A paradigm can be defined as a way of looking at phenomenon or a broad perspective of it.
- A paradigm determines research approach and methods.
- The objectivist approach to research is known as the POSITIVIST Paradigm while the subjectivists approach to research is known as NON-POSITIVIST or HUMANISTIC Paradigm.

Paradigm of Research-1

- Educational research makes use of the approaches used in scientific research as well as those used in social science research.
- Educational research uses methods derived from or based on positivist as well as non-positivist paradigms depending upon the nature of the problem being investigated.

Type of Educational Research

(A) Fundamental Vs Applied

(B) Qualitative Vs Quantitative

(C) Quantitative (Based on Positivist Paradigm)

- Experimental
- Quasi Experimental
- Correlational

(D) Qualitative (Based on Humanistic paradigm)

- Descriptive (Survey, Case studies, Documentary Analysis, Development)
- Historical
- Philosophical
- Ethnographic