

**Tikrit University**  
**College of Education for Humanities**  
**English Department**



**MA (First Course) 2023-2024**

**Educational Research**

**Forms of Educational Research ,Characteristics of Research**

**,The Importance of Educational Research and ,Types of Educational Research**

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## **Introduction**

The term research consists of two words Re+search Re- means again and again , search- means to find out. (It is the process by which a person observed the phenomena again and again and collects a data). The data may be both numerical and of non-numerical nature. On the basis of collected data, he draws some conclusions. This art know as a research.

The meaning of research "a careful investigation or inquiry especially to search for new facts in any branch of knowledge , so research is a purposeful investigation. There are three parts involved in any investigation.

1-The implicit question pose

2-The explicit answer proposed

3-Collection, analysis and interpretation of information leading from the question to answer. The third part viewed as research.

**Educational Research** is a kind of human behavior , an activity in which people engage. In education teachers , administrators , scholars or others engaged in educational research when they systematically assemble information about school, school children, the social matrix or the interaction between the school and the pupils.

In other words, educational research refers to a systematic attempt to gain a better understanding of the educational process, with a view to improve its efficiency. Educational research is nothing but an application of scientific method to the study of educational problems or educational thoughts.

The goal of the educational research is to discover laws or generalizations concerning educational issues in order to make prediction and control educational events and improve the quality of teaching and learning by taking effective decisions and proper utilization of resources.

## **Forms of Educational Research**

There are various forms of educational research . Research is conducted at different levels for different purposes . Based on our problems/purposes we may categories research into the following three forms:

1-Fundamental or Basic or Pure research

2-Applied Research

3-Action research

### **1-Fundamental or Basic or Pure research**

The purpose of this research is to contribute new knowledge in the form of new theory , facts and truth.

### **2-Applied Research**

In this type, this knowledge produced, the concept discovered, the theory constructed and the laws established are put to application in specific education situations.

### **3-Action research**

It is a research conducted in informal contexts and hence it is flexible. The approach of action research emphasizes the practitioners to do research in order to improve themselves . The objective of such research , by teacher for example, will be to improve classroom practices.

## **Characteristics of Research**

1- Systematic Approach: It is essential in good research. All the steps must be in hierarchical order, each step must lead to the next step. The planning should be done before head about the data collection and its analysis. This planning and organization play an important role in systematic approach.

2-Objectivity is another important characteristics of research. In objectivity approach researchers' personal views about the answer to the problem do not find any place.

3-Reproducible research procedure is one which an equally competent research could duplicate and from it obtain approximately the same result. It is only possible when the data are not subjective but objective and the measurement and observations are definite and flaw less.

4-Relevancy accomplished two important tasks first, it avoids the collection of unnecessary information and second, it forces the comparison of the data collected with researchers' criteria for action.

5-Control : It is impossible to have control in all factors, but to have control for those which may cause difficulty control must consider two aspects

-those variables that are truly within our control must be dealt with the nature of our investigation ,

-those variables beyond our control must be properly recorded and controlled either administratively or statistically. The search for knowledge through objective and systematic method is called **Research**.

### **The Importance of Educational Research**

The research is important for the students because it helps them to have a detailed analysis of everything . When you have a proper in depth analysis of any topic , the results comes out to be fruitful and also the knowledge is enhanced. Other benefits of research to the students are as follows:

#### **1-Enhances knowledge**

When you research any topic, you get to know detailed information about that topic. The more the knowledge of the topic, the more successful is the research. So, in order to get good output, the student needs to do maximum research.

#### **2-Clarifies confusion**

The research helps in clarifying the complicated facts and figures. If the student has any doubt on the subject, the student must research and study it in detail so as to remove all sorts of confusion and get a proper understanding of the content.

### **3-To have a proper understanding of the subject**

To understand the subject , one needs to go in depth of the lines. The scanning of the content will never do any good for the students. In order to learn the subject and to know the unknown facts, research and detail study .

### **4-To learn about the methods and issues**

Proper reading , the finding is the only way by which you can learn about the methods and the current issues. Not just current issues, rather the previous past issues can also learn in detail through the research. The research includes various methods by which it can be done.

### **5-Understand the published work**

Research is done through the work already published. The experts and the researchers had already done some of the research and the students are asked to go through that published material to understand the idea and the vision of those researchers.

### **6-Learn to create a balance between collaborative and individual work.**

When the students do research , they get to know how to create a balance between the collaborative and the individual work. Individual work in which the student has to do, while the collaborative work means that work which has already been done by the previous researchers. So, in this manner, the students get to know which points to take into consideration and which points are to be ignored.

### **7-To know the interest**

The students also get to know their area of interest. Sometimes the students aspire to become researchers only in their near future which is quite helpful. So, through this, we come to know that the research not only helps with accomplishment of the work but also helps in understanding what needs to be done in their future.

### **8-To know how the original study originated**

Research is performed to understand the concept from scratch. Like, if you wish to know from where has the concept originated, then this could be done only through the research work. It can also define as an investigation because the student eventually ends up with expanded research.

## **Types of Educational Research**

There are three major types:

### **1-Descriptive**

This type of research will try to describe things as they presently are.

### **2-Correlation**

This type of study will try to identify the relationship between two or more things.

### **3-Experimental**

This research tries to display a relation between two or more things. They usually might be groups.

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