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## Beneficial Aspects of Research Towards Different Classes of Academia

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### About the Author:

My name is Richa Sharma. I am a Ph.D. research scholar in the Economics Department of Punjabi University Patiala. I am completing our study work under the direction of Dr. Davinder Kumar Madaan, and my research topic is "India-Pakistan Agricultural Trade: Status and Potentialities."

### Abstract

Research is of the utmost importance in education because it is used to provide reliable knowledge about educational problems and possible solutions. There are numerous factors to examine when identifying what research is in education. For example, some thought should be given to the existing archetype, quality maintenance, and the function of peer review in the authentication of new information. The purpose of this study is to provide insight into how research improves different fields of Academia. It primarily focuses upon improving quality and is a search for knowledge. It is a systematic effort to acquire new knowledge in all disciplines. The main purpose of this article is to understand the significance of research in education. Educational research is termed as providing solutions to any educational problem. The main areas that have been taken into account in this research paper include, what is educational research, why research is important for students and teachers, importance of research in field of education.

**Keywords:** Educational research, different Academia, quality maintenance.

### Introduction:

The concept of "research" pertains to a technique in which operations are carried out deliberately and scientifically in order to identify a problem's solution. Frequently searching it means re-Searching. "A careful investigation or inquiry, especially through search for new facts in any branch of knowledge," is how the dictionary indicates research. Research can be described as the detailed observation, analysis, or extensive study of a certain issue using specialized scientific processes. Psychology, economics, non-medicine, and medicine are all possible research topics. The first step in conducting research is to identify a topic or problem to investigate. Through research, the quality of schooling has improved, and more positive ideas will emerge as a result of these efforts at the grassroots level. Research increases the authenticity of work, whether in the learning or teaching process.

**Albert Szent- Gyorgyi** "Research is to see what everybody else has seen, and to think what nobody else has thought."

**M Stephenson** and **D Slesinger** defined research is the Encyclopedia of Social Sciences as "the manipulation of things, concepts or symbols for the purpose of generalizing to extend, correct or

verify knowledge, whether that knowledge aids in construction of theory or in the practice of an art.”

Research has been conducted in practically every sector, rather than just one. So research is really vital in our daily lives. Research is the finest and most dependable way to understand and act on the complexities of plenty of obstacles that we, as humans, suffer.

Educational research is extremely important. Education is more than just a word; it includes both the nation-builder as a teacher and future leaders as students. It enhances student outcomes and engagement. Helps students see their studies as current, stimulating, and exciting, allowing them to ask the questions they want to. It promotes students' intellectual development by, for example, allowing them to explore epistemological issues while learning not only how knowledge is created but also the nature of knowledge in their discipline (e.g., whether knowledge is certain orientative and interpretive).

When we talk about the value of research in education, the process of teaching about the research in which we are involved might help us enhance our thinking or underlying ideas and evaluate our approaches. With the help of research, we acquire new perspectives on our research from our students or the process of teaching them. So it includes wider terms in form of a small word.

In this paper I discuss the importance of research in education from both the point of views as a student and as a teacher. In the end this paper also concludes that how a research is important for overall education.

#### **What is Educational Research?**

Any kind of educational research requires a few steps of inquiry to provide the solution to any particular research query. As we able to see things clear in light, education also provide a light to see things in efficient manner. . People's thinking is refined through research since it indicates the difference between good and dreadful study material.

#### **Definitions –**

**Good.** “Educational research is the study and investigation in the field of education.”

**Munroe.** “The final purpose of educational research is to ascertain principles and develop procedures for use in the field of education.”

**Mulay.** “Any systematic study designed to promote the development of education as a science can be considered educational research.”

**Creswell** defines educational research as, “Aside from the pure pursuit of knowledge for its own sake, research is linked to problem-solving”. John Armstrong, a respected global higher education, and research professional write for The Conversation.

**Mary-Louise Kearney, Director of the UNESCO Forum on Higher Education, Research and Knowledge.** “Knowledge generated by research is the basis of sustainable development, which requires that knowledge be placed at the service of development, be converted into applications, and be shared to ensure widespread benefits”.

Educational research is directed towards the solution of a problem in the field of education. It may attempt to answer a question or to determine the relation between two or more variables. It emphasizes the development of generalizations, principles or theories that will be helpful in predicting future occurrences.

#### **Why Research is Important to Students?**

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 result comes out to be

fruitful and also the knowledge is enhanced. Other benefits of research to the students are as given below:

**1. Generate new Knowledge:**

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

**2. Clarity in Topic:**

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

**3. To have Proper Sharpness knowledge of the subject:**

To understand the subject, one needs to go deeply in 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 facts which are unknown, research, detail study, and full analysis are must.

**4. To learn about the Techniques or Methods and Problems:**

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

**5. Understand the Already published work:**

Students understand the research meaning and motivation from the work that already published. We can ask the students to go through that published material to understand the idea and the vision of those researchers.

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 collaboration 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 various previous researchers.

So, in this manner, the students get to know which points to take into their study and which points are to be left.

**6. To know the Area of Curiosity:**

The students also get to know their area of curiosity. Sometimes, the students aspire to become researchers only in their future which is quite helpful. So, through the research we understand that what needs to be done in their future.

**7. To know how the authentic study originated:**

Research is performed to understand the concept from root. Like, if you wish to know from where this concept has 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 huge research material.

**8. Mature Thinking Develop:** Through the research students increase their capacity. They try to solve problem with alternative ways, and this help them to think maturely. This would also increase their patience level.

**9. Build Confidence:** When students want to know about the any topic. Then they do their efforts to gain original knowledge about the subject and with this knowledge the level of confidence increases. This would help the students to cope with difficult situation with greater ability.

**10. Makes students feel included within an academic community:** A student feel included in academic community when a try to find solution of the problem. He or she feels more satisfied when they got more knowledge about any subject. It improves the student outcomes. It enables students to develop their reflexivity as they think about what they are learning and how Helps students to recognize rapid changes in knowledge.

**11. Provides experience of problem solving:** It Develops students' transferable skills of finding, creating, synthesizing and presenting information. Through this it generates students' skills of critical analysis and ability to make judgments and come to conclusions. It also introduces students to appropriate or dominant research methodologies in their subject.

So, above are the reasons by which we come to know the benefits of the research for the students.

#### **What is the Importance of Research for Teachers?**

Teachers are narrator of the world. As the women are example of home maker if we call the teachers as a world maker that is not a wrong at all. As if the essentials will not be known then we will remain illiterate, unaware of what is happening in the society or around the world. Different types of research have already done and these are helpful for teachers in different ways. Through these research teachers also generate some new research and different results are obtained. As well as the benefits for students there are also benefits for academic staff of engaging our students in research and enquiry in our curricula. Research is important for teachers because of the various factors:

**1. Descriptive:** This type of research will try to describe things as they presently are. Through descriptive research teachers are trying to adjust in present condition of students or classroom.

**2. Correlation:** This type of study will try to identify the relationship between two or more things. Through this research teachers give the examples to simplify the topic.

**3. Experimental:** This research tries to display a relation between two or more things. They usually might be groups. Through this research teacher tries to generate the team work between the students.

**4. Refine thinking:** The process of teaching about research with which we are engaged can help us to refine our thinking or conceptual ideas and to evaluate our methodologies. We gain new perspectives on our research from our students or the process of teaching our students

**5. To know Student problem:** To know about the student weakness and irrelevant behavior through the case study method.

#### **6. For more awareness, research needed:**

To make ourselves aware, reading is the key of awareness. Read the published books and the research already done by experts.

Once you have gone through the research work of great alumni, you feel like being on the top of the world as the information flows into your head. Not just this, if you wish to plan any holiday, you become aware of the weather and the requirements of that particular place. Research is very useful through this way.

#### **7. Knowing the truth:**

If you wish to know the truth about anything like reading, learning, and research is the only way. When you read and research on any topic, you get to know the truth.

#### **8. Differences between good and bad:**

When a person reads the already published material, it builds trust and also enlightens one's mind. The person is able to differentiate between right and wrong which further helps in the

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decision making process. In this way research is important for the teachers also.

**Research is Important in Education:**

As already said, the role of research is important in all fields, in a similar manner, the importance of research in education is very vital. As in this paper already mentioned the importance of research from teachers and students point of view. Now, I concluded this paper with importance of research in overall education.

**1. It is efficient analysis:**

In education, research is essential as it gives a well settled analysis of the topic. One needs to study in efficient and controlled manner, and this is exactly what the research work provides an individual.

**2. Leads to great inspection:**

In the field of education, the research helps in coming to one conclusion. That conclusion can achieve by inspecting the facts and figures in depth.

**3. Results in forecast, theories, and many principles:**

The researchers come up with valid predictions, theories, and great results through the observations, hypothesis and research queries. So, this way also helps researchers to come up with great conclusions.

**4. Improving results with exercise:**

The educational research is important for the students to improve their ability and at the same time, it helps in improving those individuals who really wish to bring improvement in those practices.

So education research helps both be it a student or any teacher who is researching on some topic, it is of great help to them. It acts as a lighthouse and empowers the individual.

**5. Develops new understanding related to the learning, teaching, etc:**

The educators benefited through various research as it helps them in having a better understanding of the subject. Along with this, it develops greater understanding related to teaching, whether for a teacher, student and other educational administration.

The new knowledge further helps in improving the educational routine of the teachers and professors.

**6. Helps in decision making:**

Good research requires proper time and effort. It prepares the person for taking essential decisions which further necessitates the same from all the participants involved in the process.

For better results, the participants need to consider the required consequences and all the risks involved in the whole process.

**7. Brings authenticity in the work:**

When the work is done with depth analysis, it tends to be well and accurate. The process of research help brings authenticity in the work. The research takes lots of time and effort, so the researcher has to be specific and sure with the facts so that the end result is adequate and without any stupid mistakes.

**8. Inspire others:**

Educational research generates patience because it is a lengthy process. In order to get good results, you need to build patience and only then you will be able to inspire other individuals.

**Conclusion:**

So, the ideas mentioned above highlight the importance of research in the sphere of education.

The current educational system demands considerable changes. This study emphasizes the importance of research in all areas of education. Implementing research-based education in schools, colleges, technical educational institutions and medical education institutions will improve the learning process and lead to more success, creativity, and quality. Through research, the quality of schooling has improved, and more positive ideas will emerge as a result of these efforts at the grassroots level.

As research includes identifying a problem, developing objectives, collecting data, testing hypotheses, evaluating data, and interpreting findings. Teachers and educationists do research at all levels of education, including higher education institutions. It is carried out utilizing books, papers, journals, and the internet. It enhances people's knowledge and information. People's thinking is refined through research since it indicates the difference between good and dreadful study material. Field research entails collecting data during field visits. Researchers go to schools and training institutions to gather data for their study.

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