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## Role of Artificial Intelligence (AI) in The Every Field of Life

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### Abstract

Research is an imperative area in not just the field of Political Science but in other fields as well. The main areas that have been taken into account in this research paper include, types of research, significance of statistics in research, meaning and features of Political Science research, steps of research in political Science, types of educational research, benefits of research in Political Science, challenges of research in education, implementation of research in education and ethical considerations of research.

**Keywords:** Implementation, ethical, benefit etc.

### Introduction –

The main purpose of Political Science research is focused upon scientific investigation and provide solutions to the problems in the field of Political Science. Research in Political Science represents an activity, directed towards the development of an organized body of scientific knowledge about the events with which educators are concerned. Political Science research is the part of behavioural sciences, in which, emphasis has been put upon understanding, explaining, predicting and to some degree controlling human behaviour. and individual realization, re-establish faith in human, moral and democratic values, bring about changes in racial attitudes, achieve the goals of quality and relevance, and meet the challenges of the future world of accelerating scientific and technological change .

Basic researches comprise the development of theory. It is not concerned with practical applicability and most closely bear a resemblance to the laboratory conditions and Like the experiment of Skinner on cats gave the principle of conditioning and strengthening research may also be employed at a university or research institute or may be found in private industry or working for a government agency. In the field of education, such a person might be employed by a curriculum publishing company, a state department of education, or a college of education at a university (Educational Research, n.d.) This kind of research is not confined to a particular methodology or paradigm. It is not concerned with whether the results are generalizable to any other setting and is not characterized by the same kind of control evidence in other categories of research. The primary purpose of action research is providing solution to the given

not contribution to science The more research trainings the teacher involved have had, the more likely it is that the research will produce valid, if not generalizable outcomes results over many different frameworks.

### **Qualitative Research –**

Qualitative research involves non-numerical information and primarily takes place through interviews. The confirmation of truth claims involves logic and methods, which may not be strongly appropriate, but Appropriate application of the use of statistical methods involves providing answers to the following questions. What are the facts that need to be gathered to provide the necessary information to answer the research questions or to test the hypothesis? Research consists of methodical observation and description of the characteristics or properties of objects or events for the purpose of ascertaining relationships between variables Measurement is the most accurate Meaning and Features of

### **Political Science Research –**

It is the activity of the development of science of behaviour in educational institutions. Political Science research is primarily conducted to provide solutions to the problems that take place within the field of education in a systematic and methodical manner. The features of Political Science research have been stated as follows. The Political Science research is purposeful to a great extent Educational research can be used to provide assistance to the educators to observe that the impact of particular types of teaching and learning processes depends upon the subject matter to be learned in relation to the skills, knowledge and attitudes that learners bring into the learning environment and the purpose of learning and the assessments used to measure that learning relative to those objectives. It attempts to organize data in a quantitative and qualitative manner to arrive at statistical inferences. Quantitative and qualitative are the two forms of research.

### **Quantitative Research-**

Quantitative involves the use of numerical information, whereas qualitative involves the use of non-numerical information In quantitative data, the software called Statistical Package for Social Sciences (SPSS) is mainly used to conduct an analysis, hence, it is essential to ensure that the information obtained is suitable for analysis. in seclusion from the more human component, they came across while teaching. The differences between the scholar's view of education and the practitioner's view of education often lead to hindrance, in which the doctoral students would encounter the whole research enterprise . Steps of Research in Political Science The various steps involved in research in education have been stated as follows: Identifying the Gap in Knowledge – The researcher is conducting research upon the academic performance of the students within the classroom environment and observes that majority of the students are not performing up to the class standards.

Then the question that comes to the mind of the researchers is, the factors that are associated with the academic performance of the students and what are the causes of their poor academic. Identifying the Causes – The various causes include, anxiety, vulnerability, apprehensiveness, stress, inability to understand academic concepts, lack of adequate preparation for the exams, and inability to remember the concepts. Internet, books, articles and field visits in schools are some of the factors that provide information to the researchers regarding poor academic performance on the part of the students the formulation of hypothesis, it is taken into account, first, there is a significant relationship between anxiety and academic performance of the students, second, there is a significant.

### **Collecting Relevant Information –**

The researcher makes use of tools and techniques to measure anxiety and other causes and the academic performance of the students. There are various methods of collecting information regarding the academic performance of the students and the causes. The use of the test depends upon the data collected and the hypothesis formulated. In the case of research questions, it is vital for the researcher to conduct an analysis through frequencies. The questions in the survey are categorized in accordance to the research questions and then the analysis is conducted and findings are reported. Interpreting the Findings – After the analysis of the data and the testing of hypothesis, the researchers are required to interpret the findings. act as laboratories for educational research and generating knowledge about the statistical techniques, so that testing of hypothesis and analysis of data is conducted in an appropriate manner.

### **Conclusion –**

In the field of political Science research involves number of areas, these include, teaching-learning processes, instructional strategies, classroom environment, academic subjects, academic performance of the students, aptitude and proficiency on the part of the teachers, performance evaluation methods, extra-curricular activities, creative activities, socialization, anxiety and pressure concerning examinations and so forth data, and interpreting the findings researchers in this case.

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