

# **Chapter-1:**

## **Introduction**

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## 1.0 Introduction

Modern era is full of competition. In this age everyone has develop a competitive nature and tried to overcome others in achieving their goals. In the field of income, health, status of home, furniture, ornaments, electronic gadgets, costly materials, educational status etc all people have a competitive tendency to achieving their goals. Among the various areas where people try to compete others Academic Achievement is the most important and relevant aspect of life where people make their effort to do their best over others, which starts from very beginning of schooling. Each and every one runs behind excellence. Excellence in Education has been the greatest important not only for the pupils but also for teachers and parents, hence all parents and teachers make all efforts to create such an academic environment where pupils are nurtured in such a way that there is no reason for failure of academic development. From the above fact academic achievement is one of the predictions of people's success in general and pupils' success in their career.

Academic achievement is an outcome and result of the instruction provided to the children in schools, which is determined by the grades, marks or CGPA secured by the students in the successive examinations. The term achievement refers to the degree of level of success attained in some general and specified area. It is the reflection of pupils, what they have learned. It represents the acquirement of knowledge and judicious implementation in present and future situation.

Academic Achievement is defined by crow and crow (1969)

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“The extent to which a learner is Profiting from instruction in a given area of learning. i.e.- achievement is reflected by the extent to which skill and knowledge has been imparted to him”.

Academic achievement is influenced by personality, motivation, opportunities, Education and training. There are several other factors also which influence the academic achievement of students like study habit, Intelligence, socio-economic status and self concept etc.

Intelligence is been traditionally been considered as important predictor of academic achievement. Intelligence was defined in term of ability to do abstract reasoning, ability to learn and ability to adapt in novel situations. The recent views of Intelligence recognize active role of an intelligent person in terms of shaping and selecting an environment according to his/her choice. It is a manifestation of cognitive ability with reference to ones academic achievement.

According to stern,

“Intelligence is a general capacity of an individual consciously to adjust his thinking to new requirements”. It is the general mental adaptability to new problems and conditions of life.

Study habits, Intelligence and academic achievement are the three major pillars of educational building. All these three give supports to the building. If one is weak then ultimately the pressure should be taken by others. Hence all the three pillars should be very strong so that the educational building becomes automatically strong. Not only the study habit has an influence on academic achievement but also Intelligence. All three are interdependent to each other. We can't neglect any one of the above. If an individual has too much Intelligent he must do good Study Habit and have good Academic Achievement. Individuals having

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not good Academic Achievement means either they neglect to their study habit or have less Intelligence or both.

From the above fact we have to unfold our cognitive ability, increase ability to do abstract reasoning, and practise good Study Habit so that we will get a better academic achievement.

### **1.1 Need of the Study:**

Academic achievement is the main focus of the educative process to improve the learning and performance of the pupils. The academic achievements are the criteria for assessing their learning outcomes. It is the process of measuring the behavioral change of the students at the end of any instruction. This parameter categorizes the students as slow, average and first learners. The performance and academic achievement of students depends on variables like type of school, socioeconomic status of the pupils, Study Habit, parents Education; Intelligence, personality etc. Intellectual development depends upon both environmental and biological factors as well as the ability to think rationally and abstract thinking. Since the academic achievement is a strong factor of students' successful academic career, it is imperative to assess the extent to which the Intelligence influences the academic achievement so that children with average IQ and even low IQ could optimize their academic Achievement. Similarly Study habit has an influence on Academic Achievement. The finding of the study might provide necessary guidelines for enhancing the academic achievement of B.Ed. Pupil teachers.

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## 1.2 Statement of the Problem

The present study will be undertaken with an objective that the research findings would help to identify the common errors following a particular pattern committed by learner while solving the problems on educational achievement.

The proposed problem for the present study stated herein is

*A Study Of Relation Of Intelligence With Academic Achievement.*

## 1.3 Definitions of Operational Terms to be used in study:

1. **INTELLIGENCE** - Intelligence is the ability to do abstract reasoning ability to learn and ability to adapt in novel situations. It is a manifestation of cognitive ability with reference to ones academic achievement.
2. **ACADEMIC ACHIEVEMENT** - It is defined as the level of academic performance with performance being evaluated using examination results. In this study the previous year marks certificates of the pupil teachers would serve as the academic achievement.
3. **B.Ed. PUPIL TEACHERS** - Bachelor of Education (B.Ed.) is a teacher training course meant for preparing teachers for secondary schools. The trainees who are pursuing their B.Ed. training are taken as B.Ed. pupil teachers in this study.

## 1.4 Objectives of the Study

The present study will be taken up with the following objectives-

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- i. To study correlation between academic achievement and Intelligence of pupil teachers.
- ii. To analyze the trends in academic achievement and Intelligence of pupil teachers.

### **1.5 Hypothesis of the study**

The following null hypothesis will be formulated by the investigator.

The investigator will formulate the following null hypothesis at the 0.05 level of significance.

#### **H<sub>01</sub>**

There is no significant relationship between Intelligence and academic achievement on male pupil teachers.

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