A STUDY OF ACADAMIC CONSISTENCY OF UG STUDENTS BASED ON STATISTICAL TOOLS AND TECHNIQUES

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Abstract: Identifying the factors that influence academic performance is an essential part of educational research. Previous studies have documented the importance of personality traits, class attendance, and social network structure. Because most of these analyses were based on a single behavioral aspect and/or small sample sizes, there is currently no quantification of the interplay of these factors.

Here, we study the academic performance of 205 undergraduate students. Our work is based on data collected using questionnaire method. The overall conclusion is the maximum students use simple mobile phone and marks of boy's students are higher than girl's students in SSC class.

Keywords: Graphical representation, Z-Test, Chi-square Test, Level of Significance, Association.

INTRODUCTION

Today we are living in 21stcentuary. We know that recently the competition is increased in every field of life. Therefore the students should get the ability to compitize the world. We know that every year 6.8 crores students complete their graduation in India. But how many of them are getting a good settled life is a more important question.

Here we introduced the student's marks with their standards like 10th, 12th, F.Y, S.Y, T.Y in any faculty. We can check how their study is related to their marks and how do the students get continued their performance from, 10th to second year. All these things of consistency in their marks should benefit to get the job. So this project gives an idea to us about the marks study combination of students.

In this article we studied the comparative academic results of third year students in our college. It is a view that how the students' results are correlated with their sex, facilities, teacher performance. If we overlook all these we know that third year is most important year. So in this study the marks of third year students and how their educational graph is changed from 10th standard to third year is increased or decreased or remains constant. So we have introduced a performance detected by the students or how it is correlated with their previous marks. That is why our study is very helpful to conclude that how their marks are continued with the standard.

We select 266 college students of third year are studied, in which we take 205 students to study their results. We have collected their data by taking questionary.

METHODOLOGY

For collection of data we use proper systematic questionary and the questionary includes the information about their address, use of phone, marks, parent occupation and annual income , family and also their view about teachers' performance. For this study we collect primary information of 41 students from B.A., 39 students from B.Com and 125 final year students from Science.

Statistical tools used:
1. Graphical representation
2. Theory of attribute
3. Testing of hypothesis

Software used: 1. Minitab
2. MS-Excel
3. R-Software