**Synopsis of College Election System**

Introduction

An election is a formal group decision-making process by which a population chooses an individual to hold public office. This process is also used in many other private and business organizations, from clubs to voluntary association’s corporations and Government.

Basic Election System is used to maintain records of candidate and results. This system allows us to conduct voting and tally the results; this helps us to save time while counting for paper votes. Our system has two types of login-

1) Admin: - In this mode Admin can add candidates and start election and tally the votes when required.

2) Voter: - In this mode a voter can vote in the election conducted by admin and see the results of previous election conducted.

Problems Found

Manual voting requires an accurate count of votes in able to know the results of the candidate after the voting process. The results of manual voting came into question due to several factors regarding human error and miscount of votes. How to ensure the accuracy in counting of votes in voting system in order to be more reliable

It takes a lot of time in voting manually because the student needs to write down their chosen candidate, and it is hassle for the teachers/administrator to count the votes of the student one by one. Hence, it is very time consuming. How to lessen the time of gathering of the results without counting manually?

Working Experience

1. It takes a lot of time to maintain the records of students, conduct voting and declaring results in college. By using this system teachers can easily conduct voting in college premises and declare the results after ending of election. This reduce the stress and manual works of teacher.
2. This system is modern, user-friendly and also eco-friendly as it saved a lot of paper that would have been used up as ballot paper.

Study of Existing System

**LSA Elections Computerized Voting System India**

**(Tantia, Agrawal 2008)**

<https://www.archit.in/cvs/> (Here is full details of project)

  The council elections were carried out in a much smoother and modern way. They saved on time, effort, paper and whole lot of sweat. This was the **first time in India** that such a thing was done, and while being modern and user-friendly, it was also eco-friendly as it saved a lot of paper that would have been used up as ballot paper.

Required Time 🡪 5 Months

Programming language to be used

* Front end(for look)- Visual Basic 6.0
* Back End(for database)- MS Access 2007

Additional tools to be used

* Printer

Future Development Scope

* Online system.
* Connection to EVM (Electronic Voting Machine).