**ABSTRACT**

The project’s main objective is to enabling voting at elsewhere regardless of an individual’s current location through online mode providing a secured and user-friendly Voting System. The problem of e-voting is still critical in terms of safety and security. This is a robust system, which deals with the design and development of a web-based voting system.

Our system deals with online voting system that facilitates user(voter), candidate and administrator (who will be in charge to monitor voting) to participate in online voting. our online voting system is highly secured, and it has a simple and interactive user interface. The proposed online portal is secured and have unique security feature such as unique id generation that adds another layer of security (except login id and password) and the voter’s data are predefined in the database, which helps in authentication. It also creates and manages voting and an election detail as all the users must login by user name and password (as their date of birth) and click on candidates to register vote.

The voters and nominees are verified through OTP each and every time of their login. This system eliminates any intruders or duplicate logins.

The project Online Voting Software aims at making the voting process easy in any type of elections. Presently voting is performed using ballot paper and the counting is done manually, hence it consumes a lot of time. There can be possibility of invalid votes. All these make election a tedious task. In our proposed system voting and counting is done with the help of computer in Online. It saves time, avoid error in counting and there will be no invalid votes. It also avoids the process of physical touching or visiting any places and so in the time of pandemic too it will be more helpful to conduct elections. Without the wastage of time the citizen can vote the respective candidate. So, there is a need for Online Voting Systems.