

E-Election System

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Abstract: Fundamental right to vote or simply voting in elections forms the basis of democracy. The conduct of periodic, competitive, participatory, credible and non-violent elections is one of the main yardsticks used to determine the democratic condition of a country. These includes violent attack on the voters, result manipulations, vote buying, remoteness of polling canters etc. These are enough reasons that necessitates the design and construction of an electronic voting system that goes a long way in addressing most of these problems. The e-election system aims to eliminate the bottlenecks evident in the manual voting system such as the lengthy registration process, unnecessary transportation, election violence and ultimately the incredibility of the votes. This was achieved by developing a time effective registration platform which registers a voter and assigns a voter their voter's card immediately. The voter also gets to vote from their nearest safe and convenient polling unit and their votes is counted where it belongs. The results obtained from subsequent tests were very impressive in terms of time, security and accuracy as compared to the manual system. Such system with all these capabilities will go a long in ameliorating the aforementioned problems of the existing manual system of voting in the Indian electoral process.

Keywords: Election System

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