

# E-Voting System

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**Abstract**—This paper elaborates idea of India’s future electronic election system, it’s working ,advantages & design.

**Keywords:** *e-voting system, authentication*

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## I. INTRODUCTION

This paper explains how we can upgrade our traditional voting method using software and Internet connection. Originally,the system included ballot box and currently, it includes electronic voting machines.Now,by considering ‘Digital India’ vision I am proposing new version of software and Internet based voting system.This paper includes A. Drawbacks of electronic machines, B.Proposed system, C.Design, D.Conclusion

### A.DRAWBACKS OF ELECTRONIC MACHINES

As India is largest democracy conducting elections for each and every region is becoming tedious job for our election commission .Another issue is of migration of people due to their jobs,or in search of new opportunities creates tremendous churn of voter lists which could leads to problems such as, bogus voting ,no voting and one major issue of official holiday on the day of election. Holiday leads to

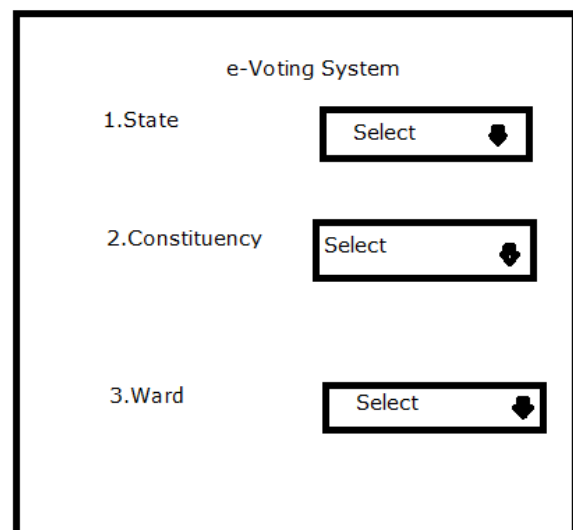
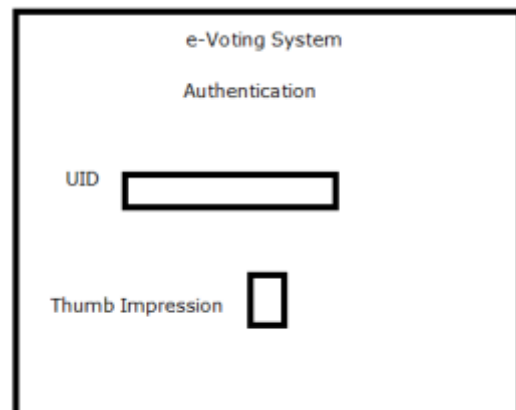
Loss= no. of voters \* working hours  
Which is giving great loss..So,to avoid this I am proposing new version of voting system.

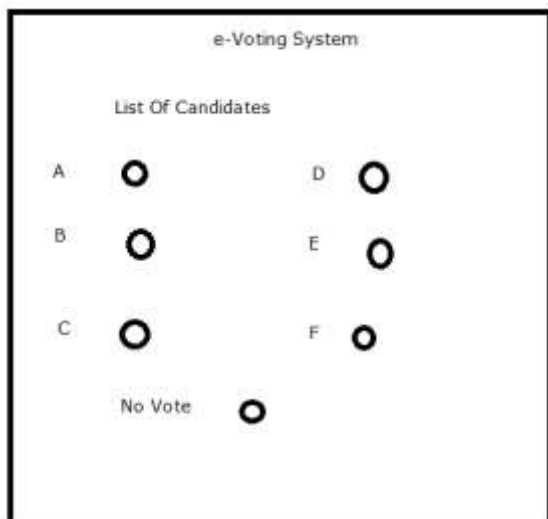
### B.PROPOSED SYSTEM

In this System, voter can go to any nearby booth and can vote by following simple steps.The system at each booth have details of all constituencies.Voter is authenticated by his Aadhar no.(UID) & thumb impression or any finger impression.System will authenticate person by simply cross checking his details as these details are already available with government’s UID scheme.Then voter has to select state,constituency,ward and candidate from respective ward.As soon as voter touches the screen for particular candidate that window will disappear displaying message that “your

invaluable vote is get stored”.This voting information is get stored with election commission office as well as collector office of respective district in case of ‘Panchayati Raj’ elections.

### C.DESIGN





#### D. Conclusion

This system will help to increase in voting percentage which is less due to migration. Also ,there is no requirement of official holiday, and loss due to holiday will be reduced.so,this new version of voting system will be milestone for the development of India.