

# ONLINE VOTING SYSTEM

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## ABSTRACT:

Most countries have many problems when it comes to voting like inaccessible polling stations ,inadequate polling materials and also inexperienced personnel.The “Online voting system” seeks to address above issues . With this system in place , the users , citizens in this case can be given ample time during voting period.They shall also be trained on how to vote online before election time.

## KEYWORDS:

Fingerprint based voting system ,Online voting system ,Online election system.

## I. INTRODUCTION:

Online voting system” is for citizens above 18 age to vote without going to physical polling system. There is a database which is maintained, in which all names of voters with complete information is stored. The system administrators registers the voters by filling registration form . After registration , the voter is assigned a secret voter id with which he/she can login and cast his/her vote.

Online voting system provides the following

- 1.Maintains your vote’s integrity
- 2.Provides an easy vote administrator experience
- 3.Create a pleasant experience for your voters
- 4.It has mechanisms for adapting to unique votes
- 5.Includes analytics,reporting,and auditing capabilities

## II. LITERATURE SURVEY

India is one of the largest democracies in the world . Past experience of electoral process enforced us to focus on latest technological side of voting. Current voting mechanism has many security reasons and difficult to prove simple security aspects about them. Major concerns of government regarding EVM are to expand election activities and minimize expenses. Still there is timeto improve voting machines , but when we have a best method of online voting ,it is good to implement online voting rather than using old voting machines.

### III.METHODOLOGY

According to Industrial Institute, methodology' is the way of searching or solving the research problem. The research methodology aims at answering the following questions;

1. How will the proposed system ensure only the eligible voters vote?
2. How will the proposed system ensure that votes are not manipulated by any factors?
3. How will the proposed system ensure voters and candidates interact?

#### EXISTING SYSTEM:

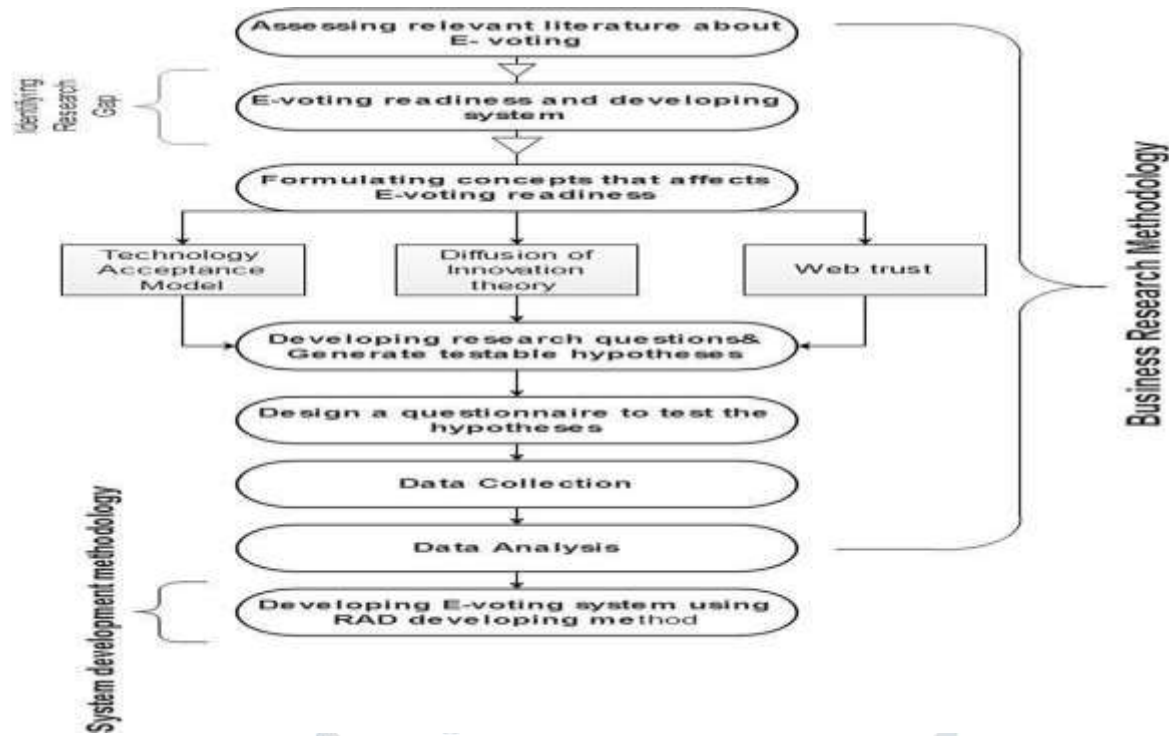
The existing system is where the people have their voter id are eligible to vote. There will be an electronic voting machine (EVM) and a VVPAT where we must select our party by pressing the button and check using the slip generated in VVPAT. There will be time allotted to enter your vote. After that you will not be able to vote. People used to stand in large line and cast their vote. They will be inked in their finger (left index) to know about voter status of voted or not.

To implement these government needs to make a lot of duties like creating polling stations and assigning personnel to each poll station.

#### PROPOSED SYSTEM:

The online voting system is for the citizens from all over India that consists of the data and information

1. The database of the Voter's information and details
2. Voter's Id
3. Calculation of total votes
4. Checking information by the voter
5. Remove wrong information
6. The information immediately transfers to Election Commission.



**Fig 2. online voting system methodology development**

### III.CONCLUSION:

Online voting system is significant alternative of the existing system. Hence we have a proposed system which in future may help us to revolutionize the election thereby increasing the number of vote percentage ,eliminating the cheating and a error free voting count.

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