IJIRCCE

e-ISSN: 2320-9801 | p-ISSN: 2320-9798

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

Volume 11, Issue 2, February 2023

INTERNATIONAL STANDARD SERIAL NUMBER INDIA

Impact Factor: 8.165

International Journal of Innovative Research in Computer and Communication Engineering

| e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.165 |

|| Volume 11, Issue 2, February 2023 ||

| DOI: 10.15680/IJIRCCE.2023.1102022 |

Online Voting System for Migrant Voters

Prof.A.S. Kakad[1] , Kalyani Bakal[2], Poonam Kathole[3], Radhika Deshmukh[4], Shweta Wankhade[5] , Siddhanth Aware[6]

Department of Computer Science and Engineering, Mauli Group of Institutions and College of Engineering, Shegaon, India

ABSTRACT: Online voting systems have become increasingly popular in recent years, offering a convenient and accessible way for citizens to cast their votes from the comfort of their migrant places. This paper presents an online voting system designed specifically for migrant voters. The system is designed to overcome the challenges that migrants face in traditional voting processes, such as the difficulty of physically traveling to polling stations or the complexity of navigating foreign voting systems. The proposed online voting system represents a significant advance in the field of e-voting and has the potential to transform the way that migrant voters participate in elections. By offering a convenient, secure, and accessible way for migrants to exercise their right to vote, the system is expected to significantly increase voter turnout among this important demographic group.

I. INTRODUCTION

The only national duty that every citizen has to perform is the voting. Some people do take it seriously and some don't. Some were pushed to a situation where they are unable to cast their votes. One of the major situations addressed here is migration. Also, there is a rule in election commission that the voter has to be physically present during the time of voting. Our purpose is to find an alternate solution for migrants to cast their vote using online voting system. Online voting system is a software platform that allow groups to securely conduct elections. The aim of online voting system is to overcome the geographical obstacles in voting. Our purpose is to create the website, Migrant Voting System, where users can register as migrants. The migrant voters who are already registered in the constituency list fill out the registration form two days before the election, and this information goes directly to the polling officer. On election day, migrants can vote in their migrated locations using the Migrant Voting System and the assistance of a polling officer.

II. LITERATURE SURVEY

This paper introduces the variations in electronic and online voting systems where different techniques and methodologies are used. Some of them guarantees the confidentiality and security to the system at some extent, still the voting information and process need to be control and manage with advanced systems that will ensures an guarantees the security and privacy of voter's and voter's information.

The proposed model has a greater security in the sense that voter high security password is confirmed before the vote is accepted in the main database of Election Commission of India. The additional feature of the model is that the voter can confirm if his/her vote has gone to correct candidate/party. In this model a person can also vote from outside of his/her allotted constituency or from his/her preferred location

III. FLOWCHART

1)Constituency list: The detail of the voter is available in the constituency list such as name, address, gender, voterid, date of birth etc.

2) Registration form for migrant voters: The Migrant voter fill the registration form as migrant before two days of election. After entering the Aadhar number which is in the registration form its, full details will be fetched in the constituency list.

3)Select the location and type of election: He/She has to select the location for voting and type of election in the registration form and submit the registration form.

| e-ISSN: 2320-9801, p-ISSN: 2320-9798| www.ijircce.com | |Impact Factor: 8.165 |

|| Volume 11, Issue 2, February 2023 ||

| DOI: 10.15680/IJIRCCE.2023.1102022 |

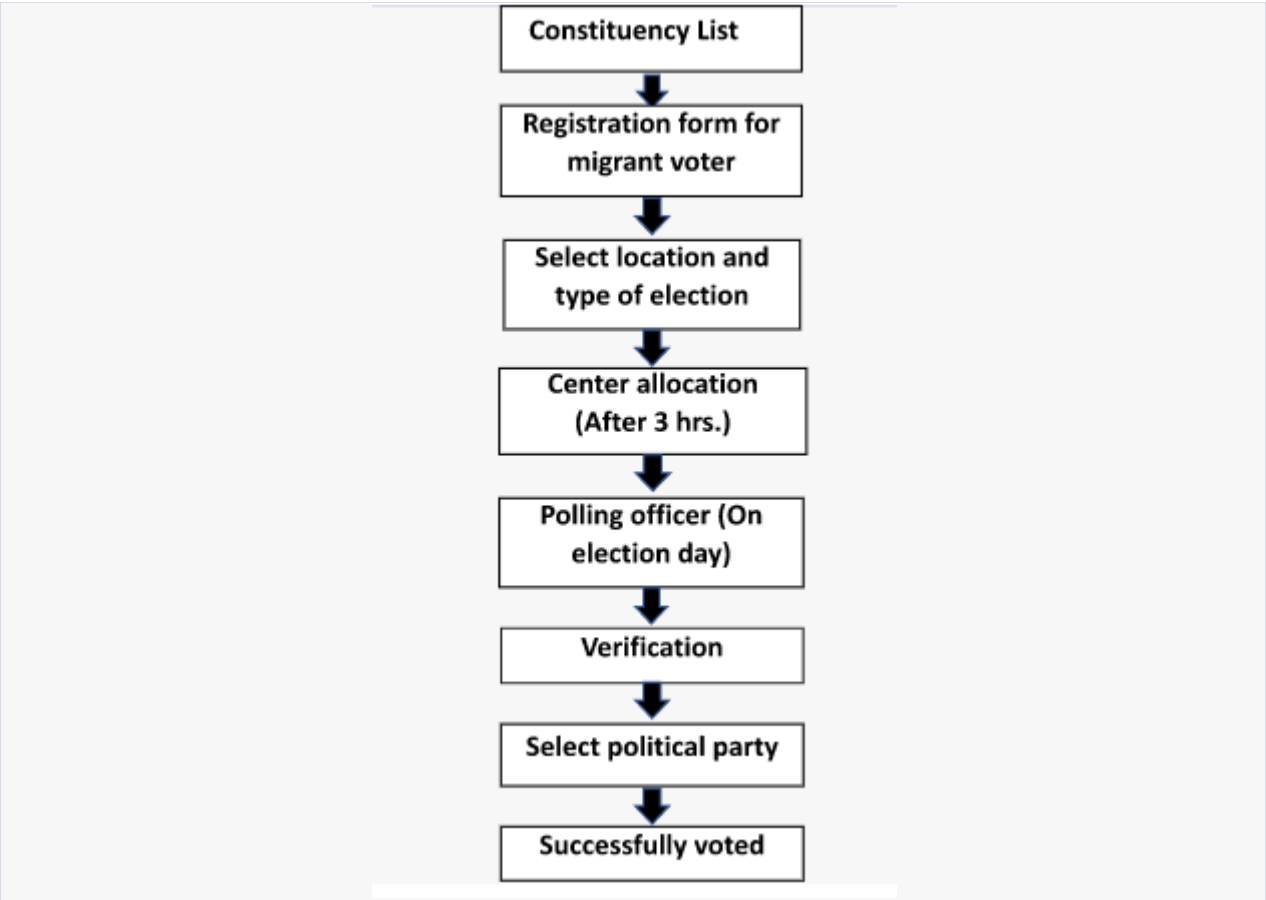
4) Center Allocation: The center will be allocated to the migrant voter after 3 hours through there registered mobile number. It will be easier for the migrant voter to know about the center before two days.

5) Polling Officer: On the day of Election the polling officer have the details of the registered migrant voters.

6) Verification: The polling officer verify the migrant voter through OTP and fingerprint authentication. To verify the fingerprint the polling officer use biometric device.

7) Select Political Party: After completion of verification the migrant voter select the political party he/she wanted to vote through migrant voting system.

8)Successfully voted: He/ She successfully voted.



IV. CONCLUSIONS

We conclude that migrant voters get the civil right to vote in the election. The most notable aspect of our project is the use of authentication, which allows for easier and more precise voter verification. The online voting system is secure and efficient for migrant voters.

REFERENCES

1.Malwade Nikita, Patil Chetan, Chavan Suruchi, Prof, S Raut Secure Online Voting System Proposed ByBiometrics, volume 3, issue 5 Posted: 2017-05
2.Ankit Anand, Pallavi Divya An Efficient Online Voting System, volume 2, p. 2631 – 2634 Posted: 2019-08
3.R Alaguvel, Jagadhambal G Gnanavel Biometrics Using Electronic Voting System with Embedded Security, volume 2 Posted:
2018-03

INNO SPACE
SJIF Scientific Journal Impact Factor

Impact Factor: 8.165

doi cross ref

ISSN INTERNATIONAL STANDARD SERIAL NUMBER INDIA

निस्केयर NISCAIR

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH

IN COMPUTER & COMMUNICATION ENGINEERING

9940 572 462 6381 907 438 ijircce@gmail.com

www.ijircce.com

Scan to save the contact details