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(71)**Name of Applicant :**
1)Kaviyaraj R
Address of Applicant :5/249, RMK Nagar, 3rd Street, New Dharapuram Road, Palani. ---------- ----------
2)Dr.S.RATHINAVEL
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)Dr.D.R.P. RAJARATHNAM
Address of Applicant :PROFESSOR AND HEAD, DEPARTMENT OF MECHATRONICS, PAAVAI ENGINEERING COLLEGE (AUTONOMOUS), NH-44, PACHAL - 636018, NAMAKKAL, TAMIL NADU, INDIA ---------- ----------
2)Dr.R.T. AJAYKARTHIK
Address of Applicant :ASSOCIATE PROFESSOR/MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
3)Mr.R. KARTHICK
Address of Applicant :ASSISTANT PROFESSOR/MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
4)Miss.C. SUMITHRA
Address of Applicant :ASSISTANT PROFESSOR/MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
5)M.VIKRAM
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
6)S. NAVEEN
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
7)M.ARUN
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
8)P. JEGAN
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
9)S. MANIKANDAN
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
10)S. JEEVA
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
11)M.UMAR MUKTHAR
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
12)R. POOVARASU
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
13)T. KARTHIK
Address of Applicant :U.G STUDENT/ MECHATRONICS PAAVAI ENGINEERING COLLEGE ---------- ----------
14)Dr.S.RATHINAVEL
Address of Applicant :ASSISTANT PROFESSOR DEPARTMENT OF EEE PAAVAI ENGINEERING COLLEGE PACHAL,NAMAKKAL. ---------- ----------
15)Dr.G.BALAJI
Address of Applicant :PROFESSOR & HOD DEPARTMENT OF EEE PAAVAI ENGINEERING COLLEGE PACHAL,NAMAKKAL. ---------- ----------

(57) Abstract :
India's largest democracy is a lot of problems in the elections. Votes, voting machines, vote, recognition, are scandals, across the churches, has been announced a lot of controversy. The elections make a fundamental contribution to the Democratic government. To choose from the election leaders and choose their fortunes. Therefore, the voting process should be released from contradictions. Voting is an effective way for citizens of democratic nations such as India to cast their ballots. This is usually accomplished by heading to the polls. Electronic voting machines have become more widely used due to technology advancements. A voting machine based on IoT with fingerprint verification is discussed in this article. Using fingerprint verification to ensure voting is secure and to prevent malpractice is the main objective of this project. Information about the voter is stored in our database along with the fingerprint. The system checks the Aadhar number of the user if the fingerprint matches with the stored fingerprint, and, if authenticated, it checks if the user has cast more than on the message Matching failed will appear if the fingerprint is not accurate, and the message Aadhar not match will appear if the Aadhar number is incorrect. Voting can be done in the voter's native language and the results can be viewed in things peak. This project relies on the Arduino Uno to control the motors. An authentication method using fingerprints is used. Fingerprints differ at least slightly from one another. Already voted messages are displayed when a malpractice occurs. Programming the board is done using the Arduino IDE, and the ballot card and results are stored in the cloud. A malpractice alert is sent from the system and only authorized voters can cast their votes. Citizens' right to vote is protected and fair elections are guaranteed in this project.

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