Title: Secure E-Voting with Facial Recognition and AI (GDG)

Abstract:

This project focuses on revolutionizing e-voting systems by integrating facial recognition technology powered by machine learning and deep learning algorithms. The aim is to enhance identity verification and ensure a secure, tamper-proof voting process. By employing advanced facial recognition techniques, the system verifies voter identity in real-time, reducing fraud and eliminating the need for traditional identity verification methods. The integration of machine learning improves the system's accuracy and adaptability, while deep learning ensures robustness in diverse and challenging environments. This innovative approach enhances the reliability, transparency, and accessibility of e-voting systems, paving the way for secure digital elections.

Keywords:

E-voting, facial recognition, machine learning, deep learning, identity verification, digital elections, voter authentication, secure voting system, fraud prevention, real-time verification.

Team Members:

1. Wagh Rohit Hilal (Class-TY B. Tech, Div: CO2, PRN:221101111, Roll No: 95)

2. Kotwal Harsh Chandrakant(Class-TY B. Tech, Div: CO2, PRN: 221101119, Roll No: 103)

3. Thoke Suraj Sudhir(Class-TY B. Tech, Div: CO2, PRN: 221101146, Roll No: 127)

4. Firke Hemali Lalit (Class-TY B. Tech, Div: CO3, PRN: 221101172, Roll No:150)