

Voting System using Face Recognition

Jayshree S. Hande¹, Mayuri B. Uge², Ankita T. Chimurkar³,

Girish V. Masade⁴, Prof. Vanita Buradkar⁵

Students, Department of Computer Science & Engineering^{1,2,3,4}

Guide, Department of Computer Science and Engineering⁵

Rajiv Gandhi College of Engineering, Research and Technology, Chandrapur, Maharashtra, India

Abstract: *This introduction explores the idea of using face recognition technology in college student voting systems. The aim is to make voting more secure, efficient, and user-friendly for students. Face recognition can enhance security by preventing fraud and speed up the voting process. It also ensures accessibility for all students. However, concerns about privacy and fairness need careful consideration. Striking a balance between innovation and protecting students' rights is crucial for successfully implementing face recognition in college voting systems. This approach promises a modern and trustworthy voting experience tailored to the needs of college students*

Keywords: Online Voting, Face Recognition, Deep Learning Technique, Convolutional Neural Network