

***Transparent Elections: A Decentralized Blockchain System for Indian
Elections***

Team Members :-

<i>Sr: No</i>	<i>Name</i>	<i>PRN</i>	<i>Contact No.</i>	<i>Year & Batch</i>
1	Harsh Jagtap	20210802014	90676 91363	Final Year, DS
2	Sadique Nadaf	20210802234	7709138588	Final Year, DS
3	Shreyash Wadatkar	20210802229	88758 92465	Final Year, DS

Abstract

The **Transparent Elections** project introduces a novel framework for electoral processes by implementing a decentralized voting solution that utilizes blockchain and cloud technologies. This approach addresses critical challenges in traditional voting methods by ensuring enhanced security, privacy, and transparency throughout the election lifecycle.

The system leverages blockchain technology to create an immutable ledger, securing each vote and providing a reliable mechanism to prevent fraud and tampering. Furthermore, the use of cloud storage facilitates scalable data management, enabling efficient access to voting information and real-time updates, which enhances the overall operational efficiency of the election process.

Central to this framework is the decentralization of identity, allowing for robust voter authentication while preserving individual privacy. This architecture not only streamlines voter registration and vote casting but also simplifies the tallying of results, thereby promoting accessibility and user confidence in the electoral process.

By integrating these advanced technologies, the **Transparent Elections** system significantly improves the integrity and efficiency of elections, ultimately fostering a more secure, private, and trustworthy voting experience for citizens.