



**D Y Patil International University, Akurdi Pune**  
Established under Maharashtra act No. LXIII of 2017 Sector 29,  
Pradhikaran, Akurdi Pune (Maharashtra) India 411044  
**School of Computer Science Engineering & Applications (SCSEA)**

**FIY project application form**

**Academic Year – 2024-25**

**(To be filled by Project Team leader only)**

**1. Details of Students**

PRN	Name of Student	Email ID	Contact Number
20210802229	Shreyash Wadatkar	20210802229@dypiu.ac.in	8875892465
20210802014	Harsh Jagtap	20210802014@dypiu.ac.in	9067691363
20210802234	Sadique Nadaf	20210802234@dypiu.ac.in	7709138599

**2. Project Domain: Blockchain, Cloud Technology**

**3. Project Title: Transparent Elections (A Decentralized Blockchain System for Election)**

**4. Project Guide / Mentor Details:**

Guide	Name	Designation	Email ID	Contact No.
From DYPIU	Mrs.Ashwini Pawar	Lecturer	ashwini.pawar@dypiu.ac.in	9096359726
From Industry	-	-	-	-

**5. Sponsored Project (name of the sponsoring body): NA**

**6. Name of the parent organisation (Full Address):**

**D. Y. Patil International University, Akurdi Pune**

**7. One page abstract to direct your idea must be attached while submitting the form**

**Students Signature**

*Harsh*  
*Jagtap*  
*Sadique*

*Ashwini*  
**Guide Signature**

## **Title :- Transparent Elections (A Decentralized Blockchain System for Election)**

Harsh Jagtap	Sadique Nadaf	Shreyash Wadatkar
20210802014	20210802234	20210802229
FiY year	FiY year	FiY year
SCSEA ,DYPIU,Pune	SCSEA ,DYPIU,Pune	SCSEA ,DYPIU,Pune

**Guide :- Mrs.Ashwini Pawar**

### **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.