

Seminar Report on
Blockchain's role in Finance beyond Cryptocurrency

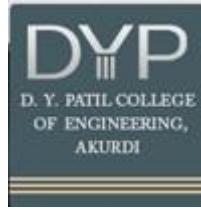
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Under the guidance of
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In partial fulfillment of the requirements for
Bachelor's Degree in Computer Engineering
of
SAVITRIBAI PHULE PUNE UNIVERSITY
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CERTIFICATE

This is to certify that **“Omkar Santosh Ghodekar”** has satisfactorily completed the seminar work entitled **“Blockchain’s role in Finance beyond Cryptocurrency”**. This is a bonafide work carried out by him under the supervision of **“Ms. Tejas B. Tambe”** and it is approved for the partial fulfillment of requirement of Savitribai Phule Pune University, for the award of the degree of Bachelors of Engineering (Computer Engg.) for the academic year 2024-25.

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Acknowledgement

With immense pleasure, I present the seminar report as part of the curriculum of the T.E. Computer Engineering. I wish to thank all the people who gave us an unending support right from when the idea was conceived.

I express sincere and profound thanks to "Ms. Tejas B. Tambe" seminar Guide, and HOD "Dr. M. A. Potey", who is ready to help with the most diverse problems that I have encountered along the way. I express sincere thanks Seminar Co-ordinators Ms. Reshma Jadhav and Ms. Soudamini Somvanshi who have Guided me in completing this seminar successfully.

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ABSTRACT

The rapid emergence of blockchain technology outside of cryptocurrency in financial applications. Blockchain, mostly known as the underlying technology backing decentralized currencies such as Bitcoin, is today being tapped for a range of other financial services by its underlying features: decentralization, transparency, and security. The research explores blockchain's role in advancing transaction processing, auditability, and innovations such as decentralized finance and smart contracts that are changing traditional financial systems.

The paper elaborates on how this technology benefits from efficiency relating to points of asset management, trade finance, and financing in the supply chain. It further goes into blockchain security and privacy challenges associated with these new technologies being adopted in areas such as these. This survey synthesizes recent insights to identify crucial opportunities and challenges for blockchains in the financial sector in bringing systemic change across global markets.

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List of Abbreviations

Sr. No.	Abbreviation	Full Form
1	DeFi	Decentralized Finance
2	CeFi	Centralized Finance
3	AI	Artificial Intelligence
4	IOT	Internet Of Things

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