

**A  
REPORT  
ON**

**Designing a Blockchain-Driven eVault  
System for Legal Document Preservation**

*Submitted by,*

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Ms. B KRIPASHINI - 20211ISR0045**

*Under the guidance of,*

**Dr. PRAVEENA K N**

*in partial fulfillment for the award of the degree of*

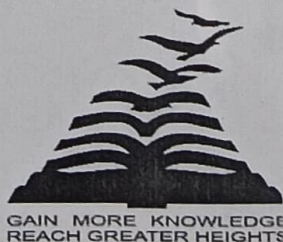
**BACHELOR OF TECHNOLOGY**

**IN**

**INFORMATION SCIENCE AND ENGINEERING**

**(ARTIFICIAL INTELLIGENCE AND ROBOTICS)**

**At**



**PRESIDENCY UNIVERSITY**

**BENGALURU**

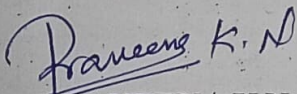
**MAY 2025**

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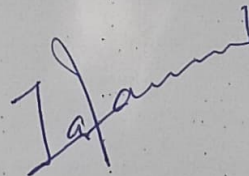
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### CERTIFICATE

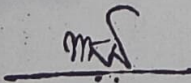
This is to certify that the Project report “**Designing a Blockchain-Driven eVault System for Legal Document Preservation**” being submitted by “MADHUBALA S, B KRIPASHINI” bearing roll number “20211ISR0034, 20211ISR0045” in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Information Science Engineering is a Bonafide work carried out under my supervision.



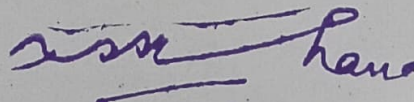
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### DECLARATION

I hereby declare that the work, which is being presented in the report entitled “Designing a Blockchain-Driven eVault System for Legal Document Preservation” in partial fulfillment for the award of Degree of **Bachelor of Technology in Information Science and Engineering(AI & ROBOTICS)**, is a record of my own investigations carried under the guidance of **DR. PRAVEENA K N, Assistant Professor-Senior scale, Presidency School of Computer Science and Engineering, Presidency University, Bengaluru.**

I have not submitted the matter presented in this report anywhere for the award of any other Degree.

Name	Roll No and	Signature of the Student
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## ABSTRACT

Ensuring the safe and unalterable storage of legal documents is a significant challenge in today's digital environment. Traditional document management methods frequently encounter problems such as unauthorized access, data manipulation, and inefficiencies in retrieval processes. This report introduces a Blockchain-Based eVault for Legal Records, utilizing blockchain's decentralized nature to improve security, accessibility, and transparency. The suggested system incorporates cryptographic hashing and smart contracts to protect the integrity and confidentiality of documents while facilitating easy access for authorized users. By removing the requirement for intermediaries and creating a trustless setting, this approach reduces the risk of fraud, enhances operational efficiency, and ensures adherence to regulations.

This eVault, built on blockchain technology, aims to transform the management of legal records by providing a decentralized, secure, and verifiable storage solution. The incorporation of encryption and access controls guarantees that only authorized personnel can view sensitive documents, making it an ideal choice for legal practitioners, government agencies, and businesses. Furthermore, blockchain technology reduces the risks linked to data breaches and document tampering, ensuring the integrity and durability of legal records. This initiative showcases the revolutionary capabilities of blockchain in legal documentation, promoting a more efficient, transparent, and resistant method of record-keeping.



## ACKNOWLEDGEMENTS

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We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

**MADHUBALA S**  
**B KRIPASHINI**