VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgavi-590018

A PROJECT REPORT

On

"SMART TENDER/CONTRACT MANAGEMENT SYSTEM USING BLOCKCHAIN"

A Dissertation Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF ENGINEERING

In

COMPUTER SCIENCE & ENGINEERING

Submitted by

Mirwaise Khan	**(1RG22CS048)**
Tamilarasan	**(1RG22CS085)**
Ajmal Baig Abdulla	**(1RG23CS402)**
S Naren Janson	**(1RG22CS069)**

Under The Guidance of
Mrs. Soniya komal V

Assistant. Professor, Dept. of CSE

RGIT, Bengaluru-32

Department of Computer Science & Engineering

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

Cholanagar, R.T.Nagar Post, Bengaluru-560032

2025-2026

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University)

Cholanagar, R.T.Nagar Post, Bengaluru-560032

CERTIFICATE

Phase-II

This is to certify that the Project Report titled **"SMART TENDER/CONTRACT MANAGEMENT SYSTEM USING BLOCKCHAIN"** is a bonafide work carried out by **Mr. Mirwaise Khan (USN 1RG22CS048), Mr. Tamilarasan (USN 1RG22CS085), Mr. Ajmal Baig Abdulla (USN 1RG22CS402) and Mr. S Naren Janson (USN 1RG22CS069)** in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of the **Visvesvaraya Technological University, Belgavi**, during the year **2025-2026.** It is certified that all corrections/suggestions given for Internal Assessment have been incorporated in the report. This project report has been approved as it satisfies the academic requirements in respect of project work (BCS685) prescribed for the said degree.

Signature of Guide	Signature of HOD	Signature of Principal
Mrs. Soniya komal V	**Dr. Arudra A**	**Dr. D G Anand**
Assistant Professor	Head Of Department	Principal
Dept. of CSE,	Dept. of CSE,	RGIT, Bengaluru
RGIT, Bengaluru	RGIT, Bengaluru	

External Viva

Name of the Examiner   **Signature with date**

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belgavi-590018

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DECLARATION

We hereby declare that the project work entitled **"SMART TENDER/CONTRACT MANAGEMENT SYSTEM USING BLOCKCHAIN"** submitted to the **Visvesvaraya Technological University, Belgavi** during the academic year **2025-2026**, is record of an original work done by us under the guidance of **Mrs. Soniya komal V,** Assistant Professor, Department of Computer Science and Engineering, RGIT, Bengaluru in the partial fulfillment of requirements for the award of the degree of **Bachelor of Engineering** in **Computer Science & Engineering.** The results embodied in this project have not been submitted to any other University or Institute for award of any degree or diploma.

Mirwaise Khan	**(1RG22CS048)**
Tamilarasan	**(1RG22CS085)**
Ajmal Baig Abdulla	**(1RG23CS402)**
S Naren Janson	**(1RG22CS069)**

ACKNOWLEDGEMENT

Mirwaise Khan   **(1RG22CS048)**

Tamilarasan   **(1RG22CS085)**

Ajmal Baig Abdulla   **(1RG23CS402)**

S Naren Janson   **(1RG22CS069)**

ABSTRACT:

Generally, the Tenders or contracts are used by governments and companies to procure goods or services. Wrongful tender management leads to huge losses in case of faulty practices. This includes favouring of contractors, improper record maintenance, lack of transparency, hacking, data modification and other issues. To overcome this problem, we have used a simple and secure block chain technology and to secure by encryption coupled with indisputable block based architecture for transaction management. In this case we make use of block chain technology to secure transaction based documents along with transactions such as tender documents, applications, bid proposals, company profiles, past records, approving officer details, rejection details to ensure a completely transparent tendering process.

KEYWORDS:

Block chain, Tenders, Bidders,Contractors.