

# **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)**

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Under The Guidance of

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**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.

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Signature of Guide

**Mrs. Soniya komal V**

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Dept. of CSE,  
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Signature of HOD

**Dr. Arudra A**

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Signature of Principal

**Dr. D G Anand**

Principal

RGIT, Bengaluru

**External Viva**

**Name of the Examiner**

**Signature with date**



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

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**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)

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## ACKNOWLEDGEMENT

We take this opportunity to thank our college **Rajiv Gandhi Institute of Technology, Bengaluru** for providing us with an opportunity to carry out this project work.

We express our gratitude to **Dr. D G Anand**, RGIT, Bengaluru to Principal, RGIT, Bengaluru for providing the resources and support without which the completion of this project would have been a difficult task.

We extend our sincere thanks to **Dr. Arudra**, Associate Professor and Head, Department of Computer Science and Engineering, RGIT, Bengaluru, for being a pillar of support and encouraging us in the face of all adversities.

With profound sense of gratitude, we acknowledge the guidance and support extended toward us by project coordinators **Dr. Latha P H**, Professor, Department of CSE , RGIT , Bengaluru, **Mrs. Bhagyashri Wakde** Their incessant encouragement and valuable technical support have been of immense help. Their guidance gave us the environment to enhance our knowledge and skills and to reach the pinnacle with sheer determination, dedication and hard work.

We would like to acknowledge the thorough guidance and support extended towards us **by Mrs. Soniya Komal**, Assistant Professor, Dept. of CSE, RGIT, Bengaluru. Their expertise has been instrumental in shaping it success. We also appreciate the collaborative efforts of their coordinators and team members for enriching this learning experience.

We also want to extend our thanks to the entire faculty and support staff of **the Department of Computer Science and Engineering, RGIT, Bengaluru**, who have encouraged us throughout the course of the Bachelor's Degree. We want to thank our family for always being there with full support and for providing us with a safe haven to conduct and complete our project. We are ever grateful to them for helping us in these stressful times. Lastly, we want to acknowledge all the helpful insights given to us by all our friends during the course of this project.

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## **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.