

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi – 590018



Major Project Report

on

“LIGHTWEIGHT ANU-II BLOCK CIPHER ON FPGA”

submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING

by

Mr. MOHAN SINGH KHATI	4JK20EC026
Mr. SANDESH	4JK20EC033
Ms. DEEPTHA SURESH A	4JK20EC013
Mr. RASIM MUSTHAFA	4JK20EC030

Under the Guidance of

Mrs. THRAPTHI SHETTY

Assistant Professor



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
A J INSTITUTE OF ENGINEERING AND TECHNOLOGY

A Unit of Laxmi Memorial Education Trust ®

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Recognized by Govt. of Karnataka)

Accredited by NBA (BE: CV, CSE, ECE, ISE, ME)

Kottara Chowki, Mangaluru-575006, Karnataka

2023-2024

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CERTIFICATE

Certified that the major project work entitled "LIGHTWEIGHT ANU-II BLOCK CIPHER ON FPGA" carried out by Mr. MOHAN SINGH KHATI (4JK20EC026), Mr. SANDESH (4JK20EC033), Ms. DEEPTHA SURESH. A (4JK20EC013), Mr. RASIM MUSTHAFA (4JK20EC030), the bonafide students of A J Institute of Engineering and Technology in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi, during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of major project work prescribed for the said Degree.

Signature of the Guide
Mrs. Thrapthi Shetty

External Examiners:
Name of the Examiners

1. Chandrasingh
2. P. K. Shetty

Signature of the HOD
Dr. Kiran Kumar V G

H.O.D. - Electronics & Commn. Engineering
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangaluru - 575 006, D.K., Karnataka

Signature of the Principal
Dr. Shantharama Rai C
Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

Signature with Date

28/05/24
28/05/24