

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi – 590018



Major Project Report

on

**“DESIGN OF ANALOG COMPARATOR USING 250nm
TECHNOLOGY”**

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

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING

by

Mr. HARSHITH

4JK20EC018

Mr. PRASHANTH S. M.

4JK20EC029

Mr. AMAL DOMINIC

4JK20EC006

Mr. MUHAMMED RABEEH RAHMAN

4JK20EC027

Under the Guidance of

Dr. KIRAN KUMAR V. G.

Associate Professor & HOD



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

A Unit of Laxmi Memorial Education Trust ®

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

Kottara Chowki, Mangaluru-575006, Karnataka

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

2023-2024

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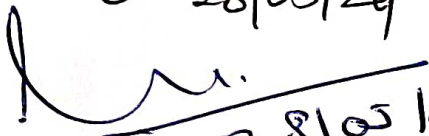
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



CERTIFICATE

Certified that the major project work entitled “ DESIGN OF ANALOG COMPARATOR USING 250nm TECHNOLOGY ” carried out by Mr. HARSHITH (4JK20EC018), Mr. PRASHANTH S. M. (4JK20EC029), Mr. AMAL DOMINIC (4JK20EC006), Mr. MUHAMMED RABEEH RAHMAN (4JK20EC027), 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 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 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 AND TECHNOLOGY Mangaluru - 575 006
External Viva: Name of the Examiners		Signature with Date
1. Chandra Siva		 28/05/24
2. P. K. Shetty		 28/05/24