

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
Jnana Sangama, Belagavi - 590018



Major Project

on

**“ENERGY EFFICIENT STREET LIGHTING WITH REAL  
TIME DATA MONITORING”**

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

**BACHELOR OF ENGINEERING**

in

**ELECTRONICS AND COMMUNICATION ENGINEERING**

by

|                      |            |
|----------------------|------------|
| Ms. SEEMA J RAI      | 4JK20EC034 |
| Ms. ATHMIYA RAJ A. G | 4JK20EC010 |
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Under the Guidance of

Mr. GANESH U.G

Assistant Professor



**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 “ENERGY EFFICIENT STREET LIGHTING WITH REAL TIME DATA MONITORING” carried out by Ms. SEEMA J RAI(4JK20EC034), Ms. ATHMIYA RAJ A.G(4JK20EC010), Mr. HARDIK RAI(4JK20EC017), Mr. DURGESH (4JK20EC015), the bonafide students of A J Institute of Engineering & 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 deposited in the departmental library.

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

Mr. Ganesh U. C.

External Viva

Name of the Examiners

1. Chaudre Gy
2. P. K. Shetty

Signature of the HOD

Dr. Kiran kumar V. G

H.O.D. - Electronics & Commn. Engineering

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Signature of the Principal

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Signature with Date

28/05/24