

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI, KARNATAKA-590018**



Innovation/Societal/Entrepreneurship based Internship Report
Submitted in partial fulfillment of the requirements for the award of Degree of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING

by

Ms. KAVYA G C

USN: 4JK21EC020

Internship Carried out

at

DLITHE, Mangaluru

Mentor

Mrs. Pratheksha Rai N

Assistant Professor



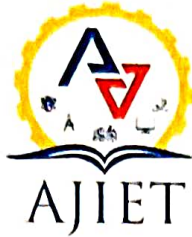
**Department of Electronics and Communication Engineering
A. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(A unit of Laxmi Memorial Education Trust®)

NH-66, Kottara Chowki, Mangaluru- 575006

2023-2024

A. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
(A UNIT OF LAXMI MEMORIAL EDUCATION TRUST®)
NH-66, KOTTARA CHOWKI, MANGALURU-575006.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

Certified that the Innovation/Societal/Entrepreneurship based Internship report submitted by **KAVYA G C**, bearing USN: **4JK21EC020**, is a bonafide student 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 and deposited in the departmental library. The Internship report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said degree.

Pratheksha
Mentor

Mrs. Pratheksha Rai N



Internship coordinator

Mrs. Divya A

Kiran Kumar V G
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

Pratheksha
Principal

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

Signature with Date

Pratheksha
21/11/24

Name of the Examiner

1. Mrs. Pratheksha Rai
2. Mr. Jithendra N.K

Pratheksha
21/11/24

DLithe Consultancy Services Pvt. Ltd.
CIN: U72900KA2019PTC121035

Atal Incubation Center
AIC Nitte

27 November 2023

TO WHOMSOEVER IT MAY CONCERN

This is to certify Kavya G C, bearing USN No: 4JK21EC020 from AJ Institute of Engineering and Technology, Mangalore has successfully completed one-month internship starting from 27-10-2023 to 27-11-2023 under the mentorship of DLithe's development team. Kavya G C has worked on various micro-controllers, SoC, sensors, actuators with real time web server development, integrating with IOT platforms using C, C++ programming. Exposure on various communication protocols TWI, SPI and UART was also provided with real-time project implementation of IOT application. The domain & agile development process exposure was given along with usage of GitHub tool. During the internship, Kavya G C demonstrated good coding skills with good design thoughts. We wish all the best for future endeavours!

Roman



For DLithe Consultancy Services Pvt Ltd
Director

A P Achar

For Atal Incubation Center, Nitte
Dr. A P Achar – CEO, AIC Nitte

Certificate ID: NOF2023/071492568