

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI – 590018



An Internship Report on
**“INTELLIGENT FRUIT SORTER: LMS ALGORITHM BASED
SYSTEM IDENTIFICATION AND NOISE FILTERING”**

Submitted in partial fulfillment of the requirements for the degree of
BACHELOR OF ENGINEERING

IN
INFORMATION SCIENCE AND ENGINEERING

Subject: INTERNSHIP [18CSI85]

Submitted By
NISCHITH KULAL (4JK20IS032)

Internship carried out at
Fininnox Ltd

Internal Guide

Prof. Navya S Rai
Assistant Professor
AJIET Mangaluru

External Guide

Mr. Skanda Kiran
Lead- Training and Development
Fininnox Ltd



DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING
A. J. INSTITUTE OF ENGINEERING & TECHNOLOGY
NH-66, KOTTARA CHOWKI, MANGALURU – 575006
Accredited By NBA (BE: CV, CSE, ECE, ISE & ME)
2023 - 2024

A. J. INSTITUTE OF ENGINEERING & TECHNOLOGY

NH – 66, Kottara Chowki, Mangaluru - 575006

A Unit of Laxmi Memorial Education Trust (R)

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING



CERTIFICATE

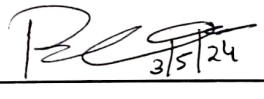
Certified that the Internship Report titled “INTELLIGENT FRUIT SORTER: LMS ALGORITHM BASED SYSTEM IDENTIFICATION AND NOISE FILTERING” is carried out by Mr. NISCHITH KULAL, USN: 4JK20IS032, a bonafide student of A.J. Institute of Engineering & Technology, Mangaluru, at **Fininnox Ltd , Mangalore** in partial fulfillment for the award of **Bachelor of Engineering in Information Science and Engineering** of **Visveswaraya 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 report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the said Degree.


3/5/24

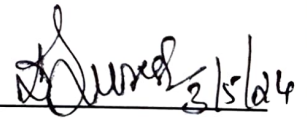
Prof. Navya S Rai

Internship Guide


3/5/24

Prof. Rakesh M R

Internship Coordinator


3/5/24

Dr. Suresha D

Head of the Department
Information Science & Engineering
Institute of Engineering & Technology
Mangaluru



Dr. Shantharama Rai C


Principal
Principal

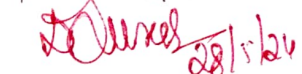
A.J. Institute of Engineering & Technology
Mangaluru - 575006

Examiners

1. Rakesh M R
2. Dr. Suresha D

Signature with Date


28/5/24


28/5/24



फाइनॉक्स

(Registered under MSME, Regd No: TS-31-0015423)

Reg: FIN/intern-cer/2023-24/007

Date: September 16, 2023

Internship Certificate

This is to certify that **Mr. Nischith Kulal** bearing registration number **4JK20IS032** of AJ Institute of Engineering and Technology , Mangaluru has worked as a Intern on project titled "**Intelligent Fruit Sorter: LMS Algorithm based System Identification and Noise Filtering**" from 14th August, 2023 to 15th September, 2023.

With Regards

GUNDU ANIRUDH

Founder

FININNOX