VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



A PROJECT REPORT ON

"DRONE BASED DISEASE DETECTION IN PADDY LEAVES"

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

 $\mathbf{B}\mathbf{y}$

SHARAT R NAIK 4AL20CS129
SHARATH S KANCHAN 4AL20CS130
SHEBIN THOMAS 4AL20CS133

Under the Guidance of Dr. Chandra Naik Associate Professor



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
MOODBIDRI-574225, KARNATAKA

2023-24

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225, KARNATAKA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING CERTIFICATE

This is to certify that the project entitled "DRONE BASED DISEASE **DETECTION IN PADDY LEAVES**" has been successfully completed by

> SHARAT R NAIK 4AL20CS129 SHARATH S KANCHAN 4AL20CS130 SHEBIN THOMAS 4AL20CS133

bonafide students of DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2023-24. 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 Projectwork prescribed for the Bachelor of Engineering Degree.

Dr. Chandr Project Guide

Dept. of Computer Aprile & Engineering

Alva's Inditute adjunath Katarand Technology Dr. (Peter Fernandes

External Viva

Mijar, Materib Afette Departmentarnataka, India Alva's Institute of Engg. & Technology Mijar. MOODBIDRI - 574 225, D.K.

Name of the Examiners

1. Dr. Prabhakana Bik 2. Dr. Marjuett lota:

Signature with Date

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225, KARNATAKA



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DECLARATION

We,

SHARAT R NAIK
SHARATH S KANCHAN
SHEBIN THOMAS

hereby declare that the dissertation entitled "DRONE BASED DISEASE DETECTION IN PADDY LEAVES" is completed and written by us under the supervision of our guide Dr. Chandra Naik, Associate Professor, Department of Computer and Engineering, Alva's Institute of Engineering and Technology, Moodbidri, in partial fulfillment of requirements for the award of the degree BACHELOR OF ENGINEERING in DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the academic year 2023- 24. The dissertation report is original and it has not been submitted forany other degree in any university.

SHARAT R NAIK 4AL20CS129
SHARATH S KANCHAN 4AL20CS130
SHEBIN THOMAS 4AL20CS133