



# Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

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**Dr. U T Vijay**  
Executive Secretary

19th April, 2024

Ref: 7.1.01/SPP/37

To,  
The Principal  
Alva's Institute of Engineering and Technology  
Shobavana Campus Mijar  
Moodbidri - 574 225

Dear Sir/Madam,

Sub : Sanction of Student Project - 47th Series: Year 2023-2024

**Project Proposal Reference No. : 47S\_BE\_0905**

Ref : Project Proposal entitled **DRONE BASED DISEASE DETECTION**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 47th Series". The project details are as below:

<b>Student(s)</b>	Mr. SHEBIN THOMAS	<b>Department</b>	COMPUTER SCIENCE AND ENGINEERING
	Mr. SHARATH S. KANCHAN		
	Mr. SHARAT R. NAIK		
<b>Guide(s)</b>	Dr. CHANDRA NAIK	<b>Sanctioned Amount (in Rs.)</b>	5,000.00

## Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/6s8hq5XbScsBMv3G9>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

PRINCIPAL

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

**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**

By

**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**

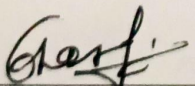
**SHARATH S KANCHAN**

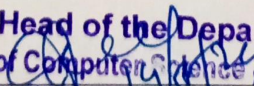
**4AL20CS130**

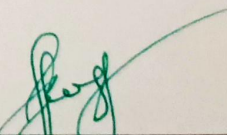
**SHEBIN THOMAS**

**4AL20CS133**

the 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. Chandra Naik  
Project Guide

  
Head of the Department  
Dept. of Computer Science & Engineering  
Alva's Institute of Engineering and Technology  
Mijar, Moodbidri - 574225, D.K. Karnataka, India

  
Dr. Peter Fernandes  
Principal


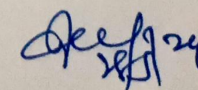
External Viva

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

Name of the Examiners

1. Dr. Prabhakara B.K
2. Dr. Marjutt Kotari

Signature with Date

  
20/5/24  


**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 for any other degree in any university.

**SHARAT R NAIK**

**4AL20CS129**

**SHARATH S KANCHAN**

**4AL20CS130**

**SHEBIN THOMAS**

**4AL20CS133**