

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

BELAGAVI – 590018



A Major Project Expected Outcome Screenshots on

**“Lung Cancer Detection using CT(Computed Tomography)
Image Processing & Machine Learning”**

Submitted By

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Under the Guidance of

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Inculcating Values, Promoting Prosperity

Approved by AICTE, Recognized by Govt. of Karnataka, Affiliated to VTU Belagavi.

Recognized under 2(f) &12B of UGC Act, 1956

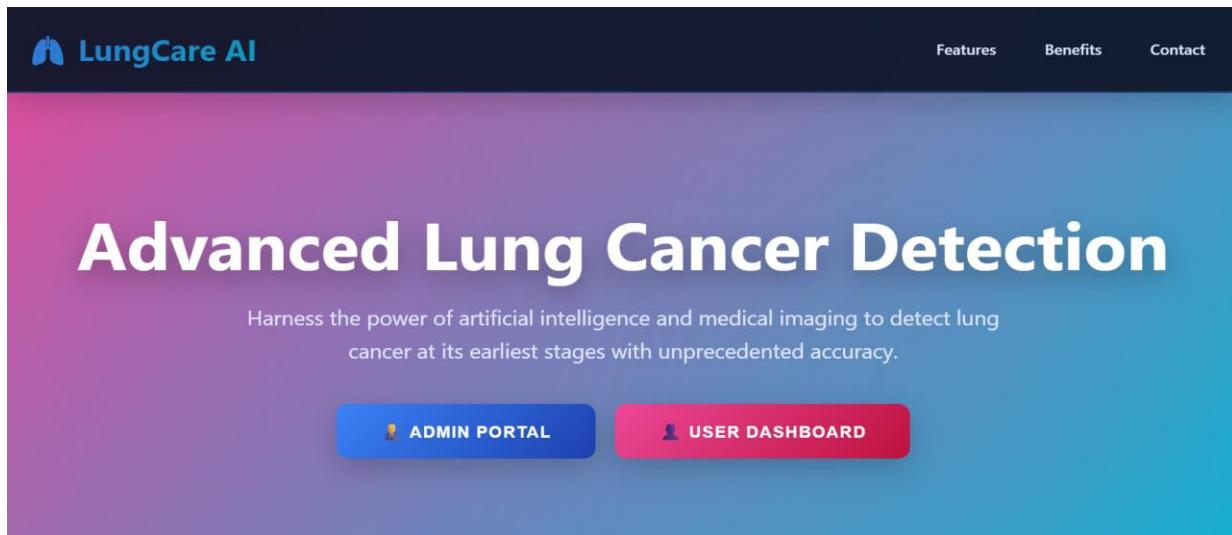
Accredited at “A+” Grade by NAAC

Programmes Accredited by NBA: CSE & ECE

Academic Year 2025-2026

PROJECT EXPECTED OUTCOME

SCREENSHOTS



Admin Panel
MedDash Administration

Aftab I Yaragatti
Administrator

- [Dashboard](#)
- [Admin Registration](#)
- [Admin Profile](#)
- [User Management](#)
- [CT Scan Upload](#)
- [Login Logs](#)

Admin Dashboard
System overview and statistics

6
Total Users

4
Registered Users

3
Total Admins

Recent Activity

Recent Registrations:

Quick Actions

User Dashboard
Medical Analysis System

Aftab I Yaragatti
Dashboard

- [Home](#)
- [Registration](#)
- [Profile](#)
- [Lung Cancer Info](#)
- [Logout](#)

Welcome to User Dashboard
Complete User Registration and Profile Management System

6
Total Users

4
Active Users

2
Pending Verification

User Management

Search

Complete user registration and profile management

Data Security

Advanced security measures to protect user

Login Logs

Track user and admin login activities

User Login Logs

- rakesh@gmail.com 11/20/2025 at 09:47 PM Success
- aftabyaragatti80@gmail.com 11/11/2025 at 09:38 PM Success
- aftabyaragatti80@gmail.com 11/11/2025 at 09:23 PM Failed
- aftabyaragatti80@gmail.com Success

Admin Login Logs

- aftabyaragatti80@gmail.com 11/20/2025 at 09:56 PM Success
- aftabyaragatti80@gmail.com 11/20/2025 at 09:40 PM Success
- aftabyaragatti80@gmail.com 11/20/2025 at 09:30 PM Success
- aftabyaragatti80@gmail.com Success

CT Scan Analysis System

Upload CT scans for AI-powered analysis and generate professional reports



Upload CT Scan & Generate Report

Opens secure upload portal in a new tab. Ensure patient consent before uploading.

User Management

View and manage registered users

Actions

Photo	Name	Email	Age	Gender	City	Contact	Registration Date	Actions
***** (Hidden)	***@***.*** ID: MD304734MAY9	21 (Hidden)	Female	Belgaum	**** (Hidden)	2025-09-18 12:55	View Details	
***** (Hidden)	***@***.*** ID: MD099724BF4U	23 (Hidden)	Male	Hukkeri	**** (Hidden)	2025-09-17 15:44	View Details	

Admin Registration

Complete admin profile registration

Admin ID	Department *
<input type="text"/>	Select Department
Registration Date	Position *
<input type="text"/> dd-mm-yyyy	e.g., Senior Radiologist
Registration Time	Contact Number *
<input type="text"/> -- : --	Enter contact number
Full Name *	Email Address *
<input type="text"/> Enter full name	<input type="text"/> Enter email address

Enter full name: [Input Field]

Age *: [Input Field]

Gender *: [Select Gender]

Profile Photo *: [Choose File] No file chosen
Upload a professional photo

Medical License (if applicable): [Input Field]
Enter license number

Work Address: [Text Area]
Enter work address

Complete Admin Registration

User Dashboard
Medical Analysis System

Aftab I Yaragatti
Dashboard

Contact Information

Email: aftabyaragatti80@gmail.com

Phone: 6362099891

Emergency Contact: 6362099891

Address Information

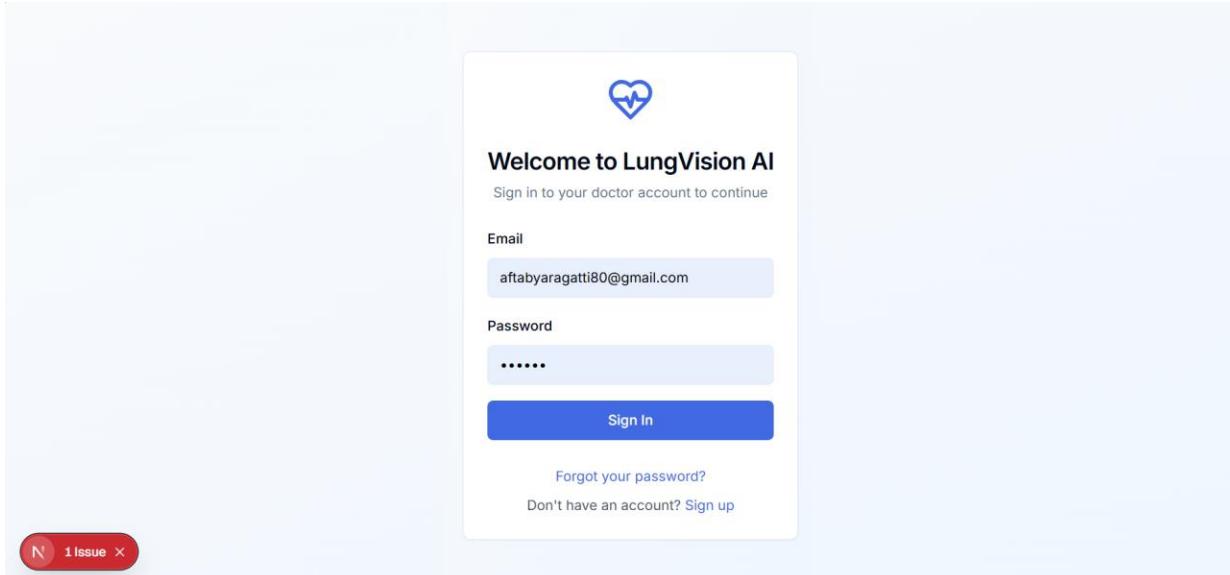
Chikodi

Registration Details

Registration Date: Sep 16, 2025, 09:09 PM

Status: Active

Edit Profile



Welcome back, Dr. Aftab Irshad Yaragatti!

Tuesday, November 11

[Dashboard](#)
[Patients](#)
[New Scan](#)
[Logout](#)

Total Patients
3
+2 since last month

Total Scans
2
+5 in the last week

Model Accuracy
86.5%
Average across all scans

Reviewed Scans
2
All scans reviewed

Quick Actions
+

[Register Patient](#)
[New Scan](#)

Recent Scans

An overview of the most recent analyses performed.

Recent Activity

Latest patient registrations and scan completions

- New Patient Registered patient
- Scan Completed scan
- Scan Completed scan
- New Patient Registered patient
- New Patient Registered patient

New Scan

Recent Scans

An overview of the most recent analyses performed.

Patient	Status	Date
AY	Cancer Detected	about 2 months ago
ak	Cancer Detected	about 2 months ago

Recent Activity

Latest patient registrations and scan completions

- New Patient Registered patient
- Scan Completed scan
- Scan Completed scan
- New Patient Registered patient
- New Patient Registered patient

New Scan Analysis

Step 1: Select Patient

Choose the patient you want to perform the lung scan analysis for. You can add a new patient if none exists.

Existing Patient New Patient

Select a patient from your list

Bhagya (PAT-1758812208603-COIXI)

Continue

localhost:9002

New Scan Analysis

Step 2: Upload Scan for Bhagya

Upload a high-quality lung scan image (JPEG, PNG) for analysis. Ensure the scan is clear and well-lit.

Drag & drop scan image here
or click to browse

← Back

New Scan Analysis

Step 2.5: Select Models for Bhagya

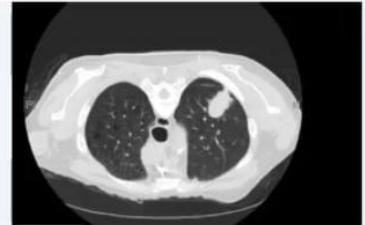
Select which AI models to run for the analysis. Multiple models improve prediction accuracy.

Convolutional Neural Network (CNN)
 Naive Bayes (NB)
 ResNet

← Back Analyze with 3 Models →

New Scan Analysis

Step 3: Analysis Results
Review the AI analysis results below. You can download a detailed PDF report or save it to the patient's history.



AI Diagnosis Summary

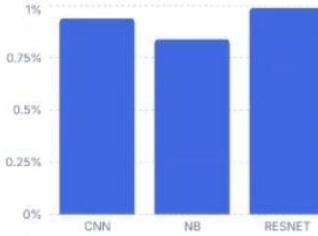
Potential Cancer Detected



Model Predictions

Toggle model visibility:

CNN NB RESNET



Suggested Precautions

- Consult with an oncologist immediately.
- Avoid smoking and exposure to pollutants.
- Undergo further diagnostic tests as advised.

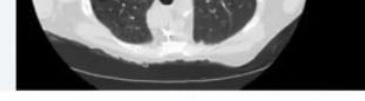
Potential Treatment Options

- Biopsy for confirmation.
- Chemotherapy or Radiation therapy might be options.
- Surgical removal could be considered.

Disclaimer
This AI analysis is for informational purposes only and is not a substitute for professional medical advice, diagnosis, or treatment. Always seek the advice of your physician or other qualified health provider.

New Scan Analysis

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AI Diagnosis Summary

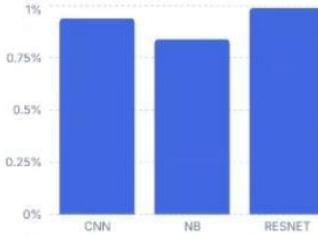
Potential Cancer Detected



Model Predictions

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CNN NB RESNET



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