

(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)

#### DEPARTMENT OF ARTIFICIAL INTELLIGENCE

#### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "Credit card fraud transaction problem using SKL model" is carried out by Mr. Y Ganesh (Reg. 22755A3174), Mr. C Aravind (Reg. 22751A3111), Mr. P Dhanush (Reg. 22751A3152), Mr. G Nagarjuna (Reg. 22751A3119), under my supervision and guidance during the academic year 2024-2025, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology.

> Y Ganesh C Aravind P Dhanush G Nagarjuna

22755A3174 22751A3111 22751A3152 22751A3119

Submitted to the Department of Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in Artificial Intelligence from Jawaharlal Nehru Technological University Ananthapur, Ananthapuramu.

Signature of the SUPERVISOR

Mr. L. Vijaya kumar **Assistant Professor** 

Department of Artificial Intelligence,

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Signature of the HEAD OF THE allowelligence) DEPARTMENT Sreenivasa Institute of Technology

Prof. M. E. Palaniy Management Studies (SITAMS) Head Of the Department (A.P.)

Department of Artificial Intelligence

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on ...

INTERNAL EXAMINER

EXTERNAL EX



(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)

### DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

#### **BONAFIDE CERTIFICATE**

This is to certify that the project work entitled "CNN-Based Component Detection For Accurate Object Recognition" is genuine work of

Suryawanshi Rithik Rajendra	22751A3164
Chilaka Siva Sai	22751A3112
Periyambadi Thulasi Ram	22751A3150
M.Karthik Reddy	22751A3132

Submitted to the Department of Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in ARTIFICIAL

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Signature of the SUPERVISOR

Dr.Munipraveena Rela, M. Tech., Ph.D, Associate Professor,

Department of CSE-Artificial Intelligence,

Sreenivasa Institute of Technology and Management Studies, Chittoor, A.P.

Signature of the Head of Department

Prof. M. E. Palanivel, M. Tech., Ph.D, Head of Department,

Department of CSE-Artificial Intelligence,

Sreenivasa Institute of Technology and Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on .

INTERNAL EXAMINER



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(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Ananthapuramu)

## DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "Novel Method for Hands-Free Mouse Control Using Eye Tracking and Adaptive Blink Detection" is a genuine work of

CR Indresh	
P Karthik	
M Uday Kumar	
S Mokshith Kumar Reddy	

22755A3113 22751A3142 22751A3135 22751A3163

Submitted to the Department of CSE (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY in CSE (Artificial Intelligence)** from Jawaharlal Nehru Technological University Ananthapur, Ananthapuramu.

Signature of the Supervisor

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Signature of the Head of the Department

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Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on ....

INTERNAL EXAMINER

(Autonomous)

(Approved by AICTE, New Delhi & Parmanently Affiliated to JNTUA, Ananthapuramu)

# DEPARTMENT OF ARTIFICIAL INTELLIGENCE BONAFIDE CERTIFICATE

This is to certify that the project work entitled "Voice Based Email System For Visually Impaired" is a bonafied work done by

G Sireesha	22751A3118
T Swetha	22751A3168
S Kokila	22751A3157
P K Lohitha	22751A3141

Submitted to the Department of Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY in CSE-Artificial Intelligence** from Jawaharlal Nehru Technological University Ananthapur.

Signature of the SUPERVISOR

Mr.V. Ajay, M.C.A

**Assistant Professor** 

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Signature of the HEAD OF THE DEPARTMENT

Prof. M. E. Palanivel,

**Head of the Department** 

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Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 12 05 25

INTERNAL EXAMINER



(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)

## DEPARTMENT OF CSE -ARTIFICIAL INTELLIGENCE BONAFIED CERTIFICATE

This is to certify that the project work entitled "MACHINE LEARNING MODELS FOR EARLY DIAGNOSIS AND PREDICTION OF PULMONARY CARSINOMA" is a genuine work of

M LAKSHMI PRASANNA	22751A3133
K KALPANA	22751A3126
CEEKELA CHOHITHA	22751A3110
К УОНІТНА	22751A3125
T PRAVEENA	22751A3167

Submitted to the department of CSE-Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CSE-Artificial Intelligence from Jawaharlal Nehru Technological University Ananthapuramu.

Signature of the Supervisor

Mr. L. Vijaya Kumar, M.Tech,

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Department of Artificial Intelligence,

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Signature of the Head of the Department

Prof. M.E. PALANIVEL,

Professor & Head of the Department.

Department of Artificial Intelligence,

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voice) held on. 12 05 2025

(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)



This is to certify that the project work entitled "personalized chronic kidney disease and recommendation using Kernel-Nearest Neighbor" is a genuine work of

S CHANDANA	22751A3162
S FAZILA	22751A3154
D RAKSHITHA	22751A3115
P KAVYA	22751A3143

Submitted to the department of CSE – Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CSE** –

ARTIFICIAL INTELLIGENCE from Jawaharlal Nehru Technological University

Ananthapur, Ananthapuramu.

HEAD OF DEPARTM! !

Signature of the Supervisor

Ms. D. Haritha, M.Tech.,

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Submitted for University Examination (Viva-Voce) held on 12 - 05 - 25

INTERNAL EXAMINER



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(Approved by AICTE, New Delhi &

Affiliated to JNTUA, Ananthapuramu)

## DEPARTMENT OF CSE-ARTIFICIAL INTELLIGENCE

#### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "Ai-driven framework for predicting cesarean deliveries based on fetal health parameters using artificial neural networks" is a bonafied work done by

K LOHITHA	22755A3122
B MANJULA	22751A3105
P KEERTHI	22751A3144
A HARSHINI	22751A3102

Submitted to the Department of CSE-Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in CSE-Artificial Intelligence from Jawaharlal Nehru Technological University Ananthapur, Ananthapuramu

Signature of the Supervisor

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CST Artificia Intelligence)
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**Head Of the Department** 

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Submitted for University Examination (Viva-Voce) held on 12 05 2025

INTERNAL EXAMINER

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(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)



## BONAFIDE CERTIFICATE

This is to certify that the project work entitled "INTEGRATION OF ARTIFICIAL NEURAL NETWORKS FOR IPL SCORE PREDICTION" is a genuine work of

H LIKITHA	22751A3120
S THANMAYEE	22751A3158
K CHANDANA SREE	22751A3129
K MONISHA	22751A3123

Submitted to the department of CSE - Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree of BACHELOR OF TECHNOLOGY in CSE -ARTIFICIAL INTELLIGENCE from Jawaharlal Nehru Technological University Ananthapur, HEAD OF DEPARTMENT Ananthapuramu.

Signature of the Supervisor

Dr. KARUNIA KRISHNAPRIYA,

Associate Professor & HOD,

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Sreenivasa Institute of Technology and

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Signature of the Head of Department

Prof. M. E. PALANIVEL,

Professor & HOD,

Department of CSE - Artificial Intelligence,

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Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on. 125 25

INTERNAL EXAMINER



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(Approved by AICTE, New Delhi &

Affiliated to JNTUA, Ananthapuramu)

#### DEPARTMENT OF ARTIFICIAL INTELLIGENCE

#### **BONAFIDE CERTIFICATE**

This is to certify that the project work entitled "Comparative Study Of Machine Learning Models For Stock Price Forecasting" is a genuine work of

A BALAKRISHNA	22755A3103
S.HEMANTH	22751A3155
S.MOHAMMAD OWASIS	22751A3159
P UDAY KUMAR	22751A3146
S ROOPESH	22751A3156

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Signature of the Supervisor

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**Assistant Professor** 

Department of CSE- Artificial Intelligence,

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Signature

Head Oracle Department (STAMS)

and Management (A.P.)

Department of SE-Artificial Intelligence

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 12 7 27

INTERNAL EXAMINER



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(Approved by AICTE, New Delhi &

Affiliated to JNTUA, Ananthapuramu)

# DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

## BONAFIDE CERTIFICATE

This is to certify that the project work entitled "Automated Fatigue Monitoring
Using Eye Aspect Ratio (Ear) And Opency" is a genuine work of

SYED KHAJAPEER K. PREM PAVAN SINGH A. GURUDEESH C. RAVI THEJA 22751A3165 22751A3124 22751A3101 22751A3109

Submitted to the Department of CSE (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY in CSE (Artificial Intelligence)** from Jawaharlal Nehru Technological University Ananthapur, Ananthapuramu.

Signature of the Supervisor

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Assistant Professor

Department of CSE (Artificial Intelligence),

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Signature of the Head of the Department

Prof. M. E. Palanivel, Head of the Department

Department of CSE (Artificial Intelligence)

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 12 -05 -2025

INTERNAL EXAMINER



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(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Ananthapuramu)

#### DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

#### BONAFIDE CERTIFICATE

This is to certify that the project work entitled "PLANT DISEASE IDENTIFICATION AND TREATMENT RECOMMENDATION USING DEEP LEARNING" is carried out by Mr. G. V. Syam Prasad (Reg. 23755A3101), Mr. B. Akhileswar (Reg. 22751A3108), Mr. P. Venkatadri (Reg. 22751A3145), Mr. P. Pavan (Reg. 22751A3145) under my supervision and guidance during the academic year 2024-2025, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology.

G. V. Syam Prasad

B. Akhileswar

P. Venkatadri

P. Pavan

23755A3101

22751A3108

22751A3148

22751A3145

Submitted to the Department of CSE (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY in CSE (ARTIFICIAL INTELLIGENCE) from Jawaharlal Nehru Technological University Ananthapur,

nanthapuramu.

Signature of the Supervisor

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Signature of the Head of the Department

Prof. M. Zalahivel, 51

Professor & Head of the Department.

Department of CSE (Artificial Intelligence),

Sreenivasa Institute of Technology and Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 18/05/25

INTERNAL EXAMINER

(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)



### BONAFIED CERTIFICATE

This is to certify that the project work entitled AUTOMATED TRAFFIC SIGN

DETECTION AND CLASIFICATION USING CNN is a genuine work of

N PRAVEEN REDDY

22751A3139

Y MANOJ

22751A3172

D LAKSHMI NARAYANA

22751A3114

**B GOWTHAM RAJU** 

22751A3104

Submitted to the department of Management studies, in partial fulfillment

Of the requirements for the award of the degree in BACHELOR OF TECHNOLOGY IN

ARTIFICIAL INTELLIGENCE from Jawaharlal Nehru Technological University

Ananthapur, Ananthapuramu.

CSE (Artificial Intelligent

Spendasa histilute of technology and Menagement Studies (SITAMS)

Signature of HEAD OF DEPARTMENT

Ms. M DEEPIKA,MCA

Assistant Professor,

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Signature of the SUPERVISOR

Sreenivasa Institute of Technology and

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Prof. M E PALANIVEL

Professor&HOD

Department of Artificial Intelligence,

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on

12/5/25

INTERNAL EXAMINER



(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)
Chittoor, A.P.-517127.

### DEPARTMENT OF CSE-ARTIFICIAL INTELLIGENCE

#### CERTIFICATE

This is to certify that the mini-project work entitled "BLOOD BANK MANAGEMENT SYSTEM" is a bonafied work done by of B. Tech VI semester, Department of Artificial intelligence, in the laboratory of Project Skills Lab during the year 2024 to 2025.

L PAVAN KUMAR 22751A3130

P CHARAN DEEP 22751A3140

N RANJITH KUMAR 22751A3138

K DILEEP YADAV 22751A3121

Signature of the Supervisor

Ms.D. HARITHA M.Tech,

Assistant Professor,

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Signature of the Head of Departments of the Head of Departments (SITAMS)

Dr. M.E. PALANOVELTAREA Ph.D.,

Professor & HOD,

Department of CSE- Artificial intelligence,

Sreenivasa Institute of Technology and

Management Studies, Chittoor, A.P.

Submitted for Examination (Viva-Voce) held on. 12/05/25

INTERNAL EXAMINER

(Autonomous)

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)



This is to certify that the project work entitled "Automatic Vehicle Number Plate Detection System Based on Python OpenCV" is a genuine work of

G.M. KAIFU	22751A3117
Y. LOKESH	22751A3173
S. ABDUL RAHEEM	22751A3161
P. BHANU PRAKESH	22751A3147

Submitted to the department of CSE – Artificial Intelligence, in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY in CSE** –

ARTIFICIAL INTELLIGENCE from Jawaharlal Nehru Technological University

Ananthapur, Ananthapuramu.

Signature of the Supervisor Ms. D. Haritha, M.Tech.,

Associate Professor,

Department of Computer Science

and Engineering,

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Signature of the Head of Department

Prof. M. E. PALANIVEL.,

Professor & HOD,

Department of CSE – Artificial Intelligence,

Sreenivasa Institute of Technology and Management Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 12/05/25.

INTERNAL EXAMINER



# SREENIVASA INSTITUTE OF TECHNOLOGY AND

MANAGEMENT STUDIES (Autonomous



(Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu) Chittoor, A.P-517127.

# DEPARTMENT OF ARTIFICIAL INTELLIGENCE CERTIFICATE

This is to certify that the mini project work entitled "WILDFIRE DETECTION USING ANN" is a bonafied work done by of B. Tech VI semester, Department of Artificial intelligence , in the laboratory of Project skills Lab during the year 2024 to 2025.

> 22751A3107 **B.SOMESH**

> 23755A3102 V.LOKENDRA

> 22751A3136 MOHAMMED SALMAN

> 22751A3153 R.MADHU

Signature of the Supervisor

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HEAD OF DEPARTMENT Head of Department

Professor & HOD,

Department of Artificial intelligence, Sreenivasa Institute of Technology and

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Submitted for Examination (Viva-Voce) held on 12/5/2025

INTERNAL EXAMINER



(Autonomous) (Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu)

# DEPARTMENT OF CSE-ARTIFICIAL INTELLIGENCE

## BONAFIDE CERTIFICATE

This is to certify that the project work entitled "EARLY DETECTION OF BLOOD CANCER IN MICROSCOPIC IMAGES USING MOBILE NET V2" is a bonafied work done by of B.Tech VI semester, Department of CSE Artificial intelligence, in the laboratory of Project Skills Lab during the year 2024 to 2025.

V Harish

K Tharun

L Srikanth

P Nandakishore

22751A3170

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22751A3131

22751A3149

re of the SUPERVISOR

Dr. Karania Krishnapriya M. Tech, Ph.D.,

**Associate Professor** 

Department of Artificial

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Management Studies, Chittoor, A.P.

Signature e DEPARTMENT

Prof. M. E. Palanivel,

Head Of the Department

Department of Artificial

Intelligence Sreenivasa Institute of

Technology and Management

Studies, Chittoor, A.P.

Submitted for University Examination (Viva-Voce) held on 12/05/25