

A PROJECT REPORT ON
PNEUMONIA DETECTION FROM CHEST X-RAY IMAGES USING U-
NET SEGMENTATION AND EFFICIENT NET WITH GRAD-CAM++

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Prof. M.E. PALANIVEL

Professor



BY

A BALAKRISHNA	22751A3103
B AKHILESWAR	22751A3108
B GOWTHAM RAJU	22751A3104
A GURUDEESH	22751A3101

**SREENIVASA INSTITUTE OF TECHNOLOGY AND
MANAGEMENT STUDIES**

(Autonomous)

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

Chittoor, A.P, 517127.

DEPARTMENT OF CSE(ARTIFICIAL INTELLIGENCE)

(2025-2026)

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This is to certify that the project work entitled **“PNEUMONIA DETECTION FROM CHEST X-RAY IMAGES USING U-NET SEGMENTATION AND EFFICIENT NET WITH GRAD -CAM++”** is a genuine work of

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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 Anantapur, Ananthapuramu.

Prof.M.E. Palanivel.,

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HEAD OF DEPARTMENT
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CHITTOOR - 517127 (A.P.)

Submitted for University Examination (Viva-Voce) held on

20-04-26

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
**Efficient AI-Text Detection Using a Hybrid Bi-LSTM and
Attention Model**

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr. M Lohith

Assistant Professor



BY

**K MANI CHAITHANYA
L SRIKANTH
P PAVAN
K PREM PAVAN SINGH**

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Signature of the SUPERVISOR

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Professor & Head of the Department

Submitted for University Examination (Viva-Voce) held on

20/04/2026


INTERNAL EXAMINER


EXTERNAL EXAMINER

**A PROJECT REPORT ON
MULTI-MODAL EXPLORATION OF CHEST X-RAY
WITH EXPLAINABLE AI**

Submitted in partial fulfilment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

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BY

**K LOHITHA
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This is to certify that the project work entitled **“MULTIMODAL EXPLORATION OF CHEST X-RAY WITH EXPLAINABLE AI”** is a bonafied work of

K LOHITHA	22751A3122
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Submitted to the Department of Computer Science and Engineering (Artificial Intelligence), in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in CSE (ARTIFICIAL INTELLIGENCE) during the academic year 2025-26.

Prof. M. E. PALANIVEL,
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Prof. M. E. PALANIVEL,
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Submitted for University Examination (Viva-Voice) held on...20-04-26.....

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
GENERATIVE AI SYSTEM FOR CONVERTING TEXT PROMPTS INTO
REALISTIC VIDEOS

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr.V. AJAY

Assistant Professor



BY

CR INDRERSH	22751A3113
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Submitted for University Examination (Viva-Voce) held on 20/04/2026

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT SKILLS LAB REPORT ON
WEATHER-BASED IMAGE AUGMENTATION FOR ENHANCING
OBJECT DETECTION IN AUTONOMOUS DRIVING VISION SYSTEM

Submitted in partial fulfillment of the requirements for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

CSE (ARTIFICIAL INTELLIGENCE)

Under the guidance of

Mr. L. VIJAYA KUMAR,

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By

H LIKITHA 22751A3120

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CERTIFICATE

This is to certify that the project report "**WEATHER-BASED IMAGE AUGMENTATION FOR ENHANCING OBJECT DETECTION IN AUTONOMOUS DRIVING VISION SYSTEM**" is a genuine work of

H LIKITHA **22751A3120**

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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)**, during the academic year 2025-26.

Signature of the SUPERVISOR

Mr. L. VIJAYA KUMAR,

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Signature of the HEAD OF THE DEPARTMENT

Prof. M. E. PALANIVEL,

Professor & Head of the Department

Submitted for Semester End Examination held on...**20-04-26**.....

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
AI-DRIVEN DDOS ATTACK CLASSIFICATION USING
INTELLIGENT TRAFFIC ANALYTICS

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr. L. VIJAYA KUMAR

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025 -2026)

**SREENIVASA INSTITUTE OF TECHNOLOGY AND
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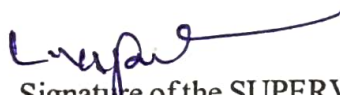
Chittoor, A.P-517127.




This is to certify that the project work entitled **“AI-DRIVEN DDOS
ATTACK CLASSIFICATION USING INTELLIGENT TRAFFIC ANALYTICS”** is a
genuine work of

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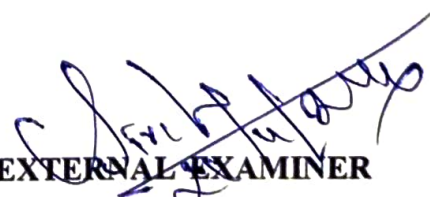
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Of the requirements for the award of the degree in **BACHELOR OF TECHNOLOGY IN
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Professor & **HEAD OF THE DEPARTMENT**

Submitted for University Examination (Viva-Voice) held on 21/4/2026


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
DEEP LEARNING FRAMEWORK FOR ALZHEIMER DISEASE
DIAGNOSIS USING SAM-DRIVEN SEGMENTATION AND
EFFICIENTNET CLASSIFICATION

Submitted in partial fulfillment of the requirements for the award of the degree
of

BACHELOR OF TECHNOLOGY

in

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Dr . MUNIPRAVEENA RELA

Associate Professor



BY

SYED KHAJAPEER	22751A3165
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025 - 26)

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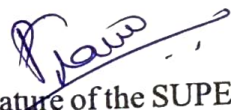
Chittoor, A.P-517127.

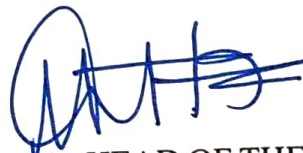


This is to certify that the project work entitled **“DEEP LEARNING FRAMEWORK FOR ALZHEIMER DISEASE DIAGNOSIS USING SAM-DRIVEN SEGMENTATION AND EFFICIENTNET CLASSIFICATION”** is a genuine work of


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Submitted for University Examination (Viva-Voice) held on...21.04.2026..


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
A NOVEL MODEL FOR MEDICAL BILL FRAUD DETECTION USING
TRANSFORMER AND XGBOOST WITH EXPLAINABLE AI

Submitted in partial fulfillment of the requirements for the award of the degree

Of

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In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Prof. M.E. Palanivel

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BY

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Signature of the SUPERVISOR
Prof. M.E. PALANIVEL.,
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Signature of the HEAD OF DEPARTMENT
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CHITTOOR - 517127 (A.P.)**

Submitted for University Examination (Viva-Voice) held on... 21/04/2026...

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
DEEFAKE VIDEO DETECTION THROUGH XCEPTION BASED
FRAME ENCODING AND TRANSFORMER MODELING

Submitted in partial fulfillment of the requirements for the award of the degree
Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr.V. AJAY

Assistant Professor



BY

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DETECTION THROUGH XCEPTION BASED FRAME ENCODING AND
TRANSFORMER MODELING ”** is a genuine work of

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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

Mr. V.AJAY

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Signature of the HEAD OF DEPARTMENT

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CHITTOOR - 517127 (A.P.)

Submitted for University Examination (Viva-Voce) held on 21.04.26.

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
NEPHROLITHIASIS DETECTION FROM ULTRASOUND IMAGES
USING DEEP LEARNING

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

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CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

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DEPARTMENT OF CSE(ARTIFICIAL INTELLIGENCE)

(2025-2026)

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Chittoor, A.P-517127.



This is to certify that the project work entitled **“NEPHROLITHIASIS
DETECTION FROM ULTRASOUND IMAGES USING DEEP LEARNING”** is a genuine
work of

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N RANJITH KUMAR	22751A3138

Submitted to the department of CSE(Artificial Intelligence), in partial fulfillment Of
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Signature of the SUPERVISOR

Mr. V.AJAY.,

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**HEAD OF DEPARTMENT
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Signature of the **HEAD OF DEPARTMENT
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Prof. M. E. Prasad, Chittoor, 517127 (A.P.)

Professor & Head of the Department

Submitted for University Examination (Viva-Voce) held on **21/04/2026**

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
DEEP LEARNING MODEL FOR CKD STAGE PREDICTION
USING SEGMENTATION

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr. M. Lohith,

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BY

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

CERTIFICATE

This is to certify that the project work entitled “**DEEP LEARNING MODEL FOR CKD STAGE PREDICTION USING SEGMENTATION**” is a bonafide work of

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Y LOKESH	22751A3173
SURYAWANSHI RITHIK RAJENDRA	22751A3164
S ABDUL RAHEEM	22751A3161

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M. Lohith

Signature of the Supervisor

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M. E. Balanivethal

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Signature of the Head of Department
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Submitted for University Examination (Viva-Voice) held on. *21/04/2026*....

M. Lohith

INTERNAL EXAMINER

M. E. Balanivethal

EXTERNAL EXAMINER

A PROJECT REPORT ON
AI-POWERED SECURE CHAT SYSTEM WITH AUTOMATED
STEGANOGRAPHY DETECTION

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Ms. M. DEEPIKA

Assistant Professor



BY

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Chittoor, A.P-517127.

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)


CERTIFICATE

This is to certify that the project work entitled "**AI-POWERED SECURE CHAT SYSTEM WITH AUTOMATED STEGANOGRAPHY DETECTION**" is a genuine work of


G V SYAM PRASAD	23755A3101
V LOKENDRA	23755A3102
Y MANOJ	22751A3172
S MOKSHITH REDDY	22751A3163

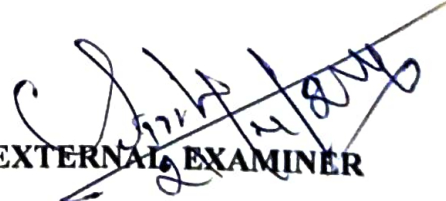
submitted to the department of Computer Science and Engineering (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY IN CSE (ARTIFICIAL INTELLIGENCE)** during the academic year 2025-26.


Signature of the SUPERVISOR
Ms. M. DEEPIKA,
Assistant Professor.


HEAD OF DEPARTMENT
Signature of the HEAD OF THE DEPARTMENT
Prof. M.E. PALANIVEL,
Sreenivasa Institute of Technology
and Management Studies (AMMS)
Chittoor, A.P-517127 (A.P.)
Professor & Head of Department.

Submitted for University Examination (Viva-Voice) held on.. **21/04/2026**.....


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
TEMPORAL DYNAMICS IN CREDIT SCORING PREDICTION
USING DEEP LEARNING MODELS COMBINING LSTM UNITS
AND DENSE LAYERS

Submitted in partial fulfillment of the requirements for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr. M. LOHITH

Assistant Professor



BY

M LAKSHMI PRASANNA
M POOJA
K M MONISHA
P K LOHITHA

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SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(Autonomous)

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

Chittoor, A.P-517127.

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025 -26)

**SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
(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 project work entitled **TEMPORAL DYNAMICS IN CREDIT SCORING PREDICTION USING DEEP LEARNING MODELS COMBINING LSTM UNITS AND DENSE LAYERS** is a bonafide work of

**M LAKSHMI PRASANNA
M POOJA
K M MONISHA
P K LOHITHA**

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Submitted to the department of Computer Science and Engineering (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree of Bachelor Of Technology In CSE (ARTIFICIAL INTELLIGENCE) during the academic year 2025-26.

M. Lohith

Signature of the SUPERVISOR

Mr. M. LOHITH,
Assistant Professor

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Signature of the HEAD OF THE DEPARTMENT

Prof. M.E. PALANIVEL, IO CSE
Professor & Head of the Department

Submitted for University Examination (Viva-Voice) held on 20/04/26.....

[Signature]

INTERNAL EXAMINER

[Signature]

EXTERNAL EXAMINER

A PROJECT REPORT ON
EVALUATING CLASSIFICATION MODELS FOR PREDICTIVE
ANALYSIS OF THYROID DISEASE

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Ms. M. DEEPIKA

Assistant Professor



BY

MOHAMMED SALMAN
N NIKITH
P UDAY KUMAR
M UDAY KUMAR

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SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
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(2025 -26)

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Chittoor, A.P-517127.

DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

CERTIFICATE

This is to certify that the project work entitled **“EVALUATING CLASSIFICATION MODELS FOR PREDICTIVE ANALYSIS OF THYROID DISEASE”** is a bonafide work

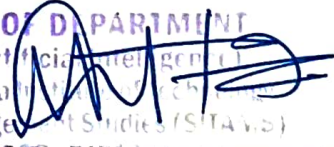
of

**MOHAMMED SALMAN
N NIKITH
P UDAY KUMAR
M UDAY KUMAR**

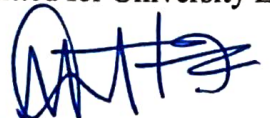
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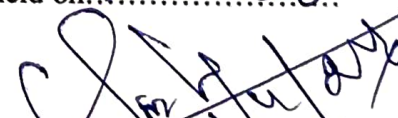
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Signature of the SUPERVISOR
Ms. M. DEEPIKA,
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Prof. M.E. PALANIVEL,
Professor & Head of the Department,

Submitted for University Examination (Viva-Voice) held on 21-04-2026..


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
DUAL STAGE ANN- RNN HYBRID MODEL FOR AUTOMATED
DIABETIC RETINOPATHY DETECTION

Submitted in partial fulfillment of the requirements for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Ms. M. Deepika

Assistant Professor



BY

SAVARALA THANMAYEE	22751A3158
P KEERTHI	22751A3144
K YOHITHA	22751A3125
SAMUDRALA KOKILA	22751A3157

SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025 -26)

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Ananthapuramu)**

Chittoor, A.P-517127.



DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

CERTIFICATE

This is to certify that the project work entitled “**DUAL STAGE ANN-RNN HYBRID MODEL FOR AUTOMATED DIABETIC RETINOPATHY DETECTION**” is a genuine work of

SAVARALA THANMAYEE 22751A3158

P KEERTHI 22751A3144

K YOHITHA 22751A3125

SAMUDRALA KOKILA 22751A3157

submitted to the department of Computer Science and Engineering (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in CSE (ARTIFICIAL INTELLIGENCE)** during the academic year 2025-26.

Signature of the Supervisor

Ms. M. DEEPIKA,

Assistant Professor & Supervisor.

Signature of the Head of the Department

Prof. M.E. PALANIVEL.,

Professor & Head of the Department.

HEAD OF THE DEPARTMENT
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and Management Studies (SIAMS)
CHITTOOR-517127 (A.P.)

Submitted for University Examination (Viva-Voice) held on...**21-04-26**.....

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
PROMPT DRIVEN BASED LUNG CANCER RISK PERDECTION USING
TRANSFORMER MODEL AND CONVOLUTION NEURAL NETWORK
MODEL

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Prof. M. E. Palanivel,

Professor

Department of CSE (Artificial Intelligence)



BY

S CHANDANA

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SREENIVASA INSTITUTE OF TECHNOLOGY AND
MANAGEMENT STUDIES

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025-2026)

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MANAGEMENT STUDIES**

(Autonomous)

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

Chittoor, A.P-517127.



CERTIFICATE

This is to certify that the project work entitled **PROMPT DRIVEN BASED LUNG
CANCER RISK PERDECTION USING TRANSFORMER MODEL AND CONVOLUTION
NEURAL NETWORK MODEL** is a Bonafide work of

S CHANDANA	22751A3162
D RAKSHITHA	22751A3118
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 Anantapur, Ananthapuramu.

Prof. M. E. PALANIVEL,
Professor

Prof. M. E. PALANIVEL,
Professor & HOD,

Submitted for University Examination (Viva-Voce) held On. **20-4-20**

INTERNAL EXAMINER

EXTERNAL EXAMINER

A PROJECT REPORT ON
AI-POWERED WILDLIFE MONITORING SYSTEM

Submitted in partial fulfillment of the requirements for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

CSE (ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Dr MUNIPRAVEENA RELA

Associate Professor



BY

**G SIREESHA
T SWETHA
B MANJULA**

**22751A3118
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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

(2025 -26)

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DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE)

CERTIFICATE

This is to certify that the project work entitled "**AI-POWERED WILDLIFE MONITORING SYSTEM**" is a genuine work of

G SIREESHA	22751A3118
T SWETHA	22751A3168
B MANJULA	22751A3105

Submitted to the department of Computer Science and Engineering (Artificial Intelligence), in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in CSE (ARTIFICIAL INTELLIGENCE) during the academic year 2025-26.


Signature of the Supervisor

Dr. MUNIPRAVEENA RELA.,
Associate Professor & Supervisor.


Signature of the Head of the Department

Prof. M.E. PALANI
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CHITTOOR - 517127 (A.P.)

Submitted for University Examination (Viva-Voice) held on. 20/4/26.....


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
DEEP LEARNING-DRIVEN ENSEMBLE ARCHITECTURE FOR
STRONG ANDROID MALWARE CLASSIFICATION

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Mr. L. Vijaya Kumar

Assistant Professor



BY

CHILAKA SIVA SAI	22751A3112
G M KAIFU	22751A3117
K. BHARATH	22751A3128
D. LAKSHMI NARAYANA	22751A3114

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(2025-2026)

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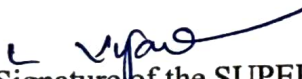
Chittoor, A.P-517127.




This is to certify that the project work entitled **“Deep Learning-Driven Ensemble Architecture for Strong Android malware Classification”** is a genuine work of

CHILAKA SIVA SAI	22751A3112
G M KAIFU	22751A3117
K. BHARATH	22751A3128
D.LAKSHMI NARAYANA	22751A3114

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

Mr. L. Vijaya Kumar.,
Assistant Professor


Signature of the HEAD OF DEPARTMENT
HEAD OF DEPARTMENT
CSE (Artificial Intelligence)
Sreenivasa Institute of Technology
& Management Studies (SITAMS)
CHITTOOR - 517127 (A.P.)
Professor & Head of the Department

Submitted for University Examination (Viva-Voce) held on ..20..10..26


INTERNAL EXAMINER


EXTERNAL EXAMINER

A PROJECT REPORT ON
TUBERCULOSIS DETECTION USING DEEP LEARNING AND
IMAGE PROCESSING IN WHOLE-SLIDE IMAGE

Submitted in partial fulfillment of the requirements for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

CSE(ARTIFICIAL INTELLIGENCE)

Under the Esteemed Guidance of

Dr. MUNIPRAVEENA RELA, M.Tech, Ph.D

Associate Professor



BY

B SOMESH

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CHALLA ARAVIND

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K DILEEP YADAV

22751A3121

C RAVI THEJA

22751A3109

SREENIVASA INSTITUTE OF TECHNOLOGY AND
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DEPARTMENT OF CSE(ARTIFICIAL INTELLIGENCE)

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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

Dr. MuniPraveena Rela.,

Associate Professor

Signature of the HEAD OF DEPARTMENT

Prof .M.E.Palanivel.,

Professor & Head of the Department

Submitted for University Examination (Viva-Voce) held on

20/04/2026.

INTERNAL EXAMINER

EXTERNAL EXAMINER