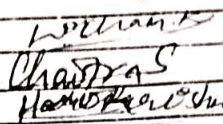
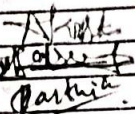
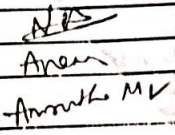
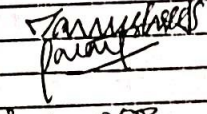
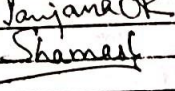
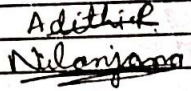
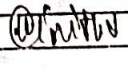
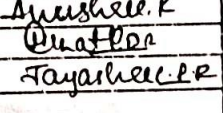

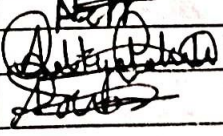
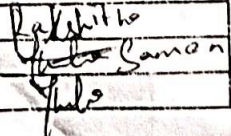


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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
ACADEMIC YEAR 2023-24 (Even Semester)

Sem: 6th Semester
 Sub: Mini Project

Code: 21AIMP67

Team NO.	Team Members	USN	Project Title	Signature
✓ 1	Lochan K Chaitra S Hari Krishna G	1KS21AI026 1KS21AI011 1KS21AI017	Phishing URL Detection	
✓ 2	Apeksha I M Bhuvan S Karthika Chavan	1KS21AI008 1KS21AI011 1KS21AI022	Fake Face Detection	
✓ 3	Neha KB Ananya Pramod Amrutha MV	1KS21AI032 1KS21AI006 1KS21AI004	Text to Music	
✓ 4	Tanushree pavan	1KS21AI052 1KS20AI029	Better help (Chatbot for Mental Health)	
✓ 5	Sanjana O R Shama S K	1KS21AI045 1KS21AI046	Multiple Disease Prediction System	
✓ 6	Adithi R Nilanjana Jamindar	1KS21AI002 1KS21AI033	Financial Foresight: Predicting Costs and Trends	
✓ 7	Lalit Shekar Shivani Uppin Vinith P	1KS21AI037 1KS21AI048 1KS21AI056	Movie Recommendation System	
✓ 8	Anushree R Hemalatha D R Jayashree P R	1KS21AI007 1KS21AI019 1KS21AI020	Email Spam Detection	
✓ 9	Mohammed Sahana S Syed Aasim	1KS20AI024 1KS21AI042 1KS20AI040	Brain Tumor Classification Using CNN	
✓ 10	Aditya kalkur Neeraj P Abhay Surya	1KS21AI003 1KS21AI031 1KS21AI001	Real - Time Facial Recognition & Automated Attendance Tracking System	
✓ 11	Rakshitha. S Sarnana. MB Zuha Suhail	1KS21AI041 1KS21AI044 1KS21AI057	Telecom Churn Prediction	

9

Team NO.	Team Members	USN	Project Title	Signature
12	Nithin Hareesh Sahu Sanjay K U	1KS21AI034 1KS22AI404 1KS22AI405	Chat with your Documents	
13	Lokaranjan B S G Vinay Kumar Harshitha A	1KS21AI027 1KS21AI016 1KS21AI018	Image Style Transfer	
14	Rishi S Sudeep Ranjan Avinash P	1KS22AI403 1KS21AI049 1KS22AI400	Sign Language Recognition	<i>Rishi S</i> <i>Sudeep Ranjan</i> <i>Avinash P</i>
15	Arvind N G C Sambram Mrudula S R	1KS21AI009 1KS21AI015 1KS21AI029	Smart Voting System using Face Recognition	<i>Arvind N</i> <i>G C Sambram</i> <i>Mrudula S R</i>
16	Surabhi T G Thryakshari S Varnika V N	1KS21AI051 1KS21AI053 1KS21AI054	Sentiment Analysis	<i>Surabhi T G</i> <i>Thryakshari S</i> <i>Varnika V N</i>
17	Chirag VS KJ Arun Eshwar	1KS21AI013 1KS21AI021 1KS21AI014	Food recognition and Calorie Estimation	<i>Chirag VS</i> <i>KJ Arun</i> <i>Eshwar</i>
18	Likitha K Nabiha Shariff	1KS21AI025 1KS21AI030	Yoga Pose Detection	<i>Likitha K</i> <i>Nabiha Shariff</i>
19	Ananya B Gowda Chethan S Modupalli	1KS21AI005 1KS21AI012 1KS21AI028	Handwritten Digit Recognition	<i>Ananya B Gowda</i> <i>Chethan S</i> <i>Modupalli</i>
20	Prajwal D Punyashree T S Rachana P R	1KS21AI038 1KS21AI039 1KS21AI040	Emotion-based Music Recommender System	<i>Prajwal D</i> <i>Punyashree T S</i> <i>Rachana P R</i>
21	Nithish Gowda K J Venkatesh T Ullas B	1KS21AI035 1KS21AI055 1KS22AI406	Text Summarizer	<i>Nithish Gowda K J</i> <i>Venkatesh T</i> <i>Ullas B</i>
22	Kavya.S Keerthana.R	1KS21AI023 1KS21AI024	Student Model for an Intelligent Language Tutoring System	<i>Kavya.S</i> <i>Keerthana.R</i>
23	K. Jahnvi Chethan N Sahas R	1KS22AI402 1KS22AI401	AI Personal desktop Fake Job Post Detection Assistance.	<i>K. Jahnvi</i> <i>Chethan N</i> <i>Sahas R</i>
24	Chirag S Sai neha dhavam Nithya R	1KS21AI058 1KS21AI043 1KS21AI036	Fake profile detection on Instagram	<i>Chirag S</i> <i>Sai neha dhavam</i> <i>Nithya R</i>

S. Kumar. C

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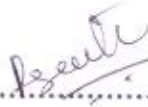
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CERTIFICATE


Certified that the Mini Project (21AIMP67) entitled "PHISHING URL DETECTION" is a bonafide work carried out by:

CHAITRA S	1KS21AI011
HARI KRISHNA G	1KS21AI017
LOCHAN K	1KS21AI026

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

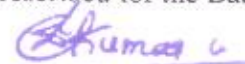

.....
Signature of the
Co-ordinators

[Prof. Renuka Patil,
Associate Professor,
Prof. Sudha M,
Assistant Professor]


.....
Signature of the HOD

[Dr. Vijayalakshmi Mekali]

Head of the Department
Artificial Intelligence & Machine Learning
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Bengaluru - 560 109


.....
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.....
Signature of the Principal/
Director

] [Dr. Dilip Kumar K]

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CERTIFICATE

Certified that the Mini Project (21AIMP67) entitled "DEEPFAKE FACE DETECTION" is a bonafide work carried out by:

APEKSHA IM

1KS21AI008

BHUVAN S GOWDA

1KS21AI010

KARTHIK

1KS21AI022

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the
Co-ordinators

[Prof. Renuka Patil
Prof. Sudha M]

Signature of the HOD

[Dr. Vijayalakxmi Mekali]

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BENGALURU - 560 109

Signature of the
Principal/ Director

[Dr. Dilip Kumar K]

Head of the Department
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Certified that the Mini Project (**21AIMP67**) entitled “**TEXT TO MUSIC GENERATION**” is a bonafide work carried out by:


AMRUTHA M V	1KS21AI004
ANANYA PRAMOD	1KS21AI006
NEHA K B	1KS21AI032

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


.....
Signature of the Co-Ordinator

[Renuka Patil]


.....
Signature of the HOD
Head of the Department
Artificial Intelligence & Machine Learning
[Dr. Vijayalakshmi Mekali]
K.S. Institute of Technology
Bengaluru - 560 109


.....
Signature of the Principal/
Director
[Dr. Dilip Kumar K]
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.....
Signature of the Assistant Professor

[Sudha M]

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Certified that the Mini Project (21AIMP67) entitled "BETTER HELP (MENTAL HEALTH CHATBOT)" is a Bonafede work carried out by:

TANUSHREE S

1KS21AI052

PAVAN A

1KS20AI029

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the Guide

[Prof.Renuka Patil]

[Prof. Sudha M]

Signature of the HOD

[Dr. Chanda V Reddy]

Signature of the Principal/
Director

[Dr. Dilip Kumar K]

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Certified that the Mini Project (21AIMP67) entitled "DISEASE PREDICTION SYSTEM" is a bonafide work carried out by:

SANJANA O R

1KS21AI045

SHAMA S K

1KS21AI046

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Accepted
31/07/24
RSB

Signature of the
Coordinator
[Prof. Renuka Patil]
[Prof. Sudha M]

[Signature]
31/7/24

Signature of the HOD
[Dr. Vijayalakshmi Mekali]

Head of the Department
Artificial Intelligence & Machine Learning,
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Bengaluru - 560 109

[Signature]

Signature of the
Principal & Director
[Dr. Dilip Kumar K]

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CERTIFICATE

Certified that the Mini Project (21AIMP67) entitled "**FINANCIAL FORESIGHT: PREDICTING COSTS & TRENDS**" is a bonafide work carried out by:

NILANJANA JAMINDAR – 1KS21AI033

ADITHI R – 1KS21AI002

in partial fulfillment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence and Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2023 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Work Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the
Coordinator
[Prof. Renuka Patil]
[Prof. Sudha M]

Signature of the HOD
[Dr. Vijayalakshmi Mekali]
Head of the Department
Artificial Intelligence & Machine Learning
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Bengaluru - 560 109

Signature of the Principal
& Director
[Dr. Dilip Kumar K]

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CERTIFICATE

Certified that the Mini Project (**21AIMP67**) entitled “**MOVIE RECOMMENDATION SYSTEM**” is a bonafide work carried out by:

P LALIT SHEKAR

1KS21AI037

SHIVANI UPPIN

1KS21AI048

VINITH P

1KS21AI056

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the Guide

[Prof. Renuka Patil]
[Prof. Sudha M]

Signature of the HOD

[Dr. Vijayalakxmi Mekali]

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Director

[Dr. Dilip Kumar K]

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CERTIFICATE

Certified that the Mini Project (21AIMP67) entitled "EMAIL-SPAM DETECTION" is a bonafide work carried out by:

ANUSHREE R	1KS21AI007
HEMALATHA D R	1KS21AI019
JAYASHREE P R	1KS21AI020

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

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Coordinator
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Signature of the HOD
[Dr. Vijayalakxmi Mekali]

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Certified that the Mini Project (21AIMP67) entitled “Brain tumor classification using CNN” is a bonafide work carried out by:

SAHANA S	1KS21AI042
MOHAMMED ZEESHAN	1KS20AI024
SYED AASIM HUBAIRA	1KS20AI040

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


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[Renuka Patil]
[Sudha M]


Signature of the HOD

[Dr. Vijayalakxmi Mekali]


Signature of the Principal/
Director

[Dr. Dilip Kumar K]

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Certified that the Mini Project (21AIMP67) entitled “Facial Recognition & Automated Attendance Tracking System” is a bonafide work carried out by:

Abhay Surya E	1KS21AI001
Aditya Kalkur	1KS21AI003
Neeraj P	1KS21AI031

In partial fulfillment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by Visvesvaraya Technological University, Belagavi during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in the report of project work prescribed for the Bachelor of Engineering degree.


.....
Signature of the Guide

[Ms Renuka Patil
Ms Sudha M]


.....
Signature of the HOD

[Dr. Vijayalakshmi Mekali]


.....
Signature of the Principal/
Director

[Dr. Dilip Kumar K]
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Certified that the Mini Project (21AIMP67) entitled "TELECOM CHURN PREDICTION" is a bonafide work carried out by:

RAKSHITA.S	1KS21AI041
SAMANA. M. B	1KS21AI044
ZUHA SUHAIL	1KS21AI057

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by Visvesvaraya Technological University, Belagavi during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


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[Prof Sudha M]


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Signature of the HOD

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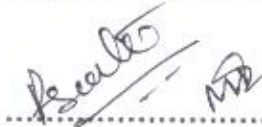
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Certified that the Mini Project (21AIMP67) entitled "CHAT WITH YOUR DOCUMENTS (USING RAG)" is a bonafide work carried out by:

NITHIN HAREESH GOWDA S H	1KS21AI034
SAHU DURGAMADHAB SARATKUMAR	1KS22AI404
SANJAY K U	1KS22AI405

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


.....
Signature of the Co-Ordinator
[Prof. Renuka Patil,
Associate Professor,
Prof. Sudha M,
Assistant Professor]


.....
Signature of the HOD
[Dr. Vijayalakxmi Mekali]
Head of the Department
Artificial Intelligence & Machine Learning
K.S. Institute of Technology
Bengaluru - 560 109


.....
Signature of the Principal/
Director
[Dr. Dilip Kumar K]
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Certified that the Mini Project (21AIMP67) entitled "IMAGE STYLE TRANSFER" is a bonafide work carried out by:

G VINAY KUMAR

1KS21AI016

HARSHITHA A

1KS21AI018

LOKARANJAN B S

1KS21AI027

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

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Signature of the Guide

[Prof. Renuka Patil]
[Prof. Sudha M]

.....
Signature of the HOD

[Dr. Vijayalakxmi Mekali]

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**Signature of the Principal/
Director**

[Dr. Dilip Kumar K]

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Certified that the Mini Project (21AIMP67) entitled "SIGN LANGUAGE RECOGNITION" is a bonafide work carried out by:

RISHI S	1KS22AI403
SUDEEP RANJAN	1KS21AI049
AVINASH P	1KS22AI400

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the Guide

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[Prof. Sudha M]

Signature of the HOD

[Dr. Vijayalakxmi Mekali]

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Signature of the Principal/
Director

[Dr. Dilip Kumar K]

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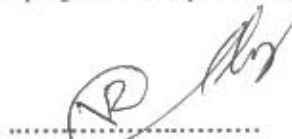
Certified that the Mini Project (21AIMP67) entitled “Smart Voting System” is a bonafide work carried out by:

ARVIND N	1KS21AI009
G C SAMBRAM	1KS21AI015
MRUDULA S R	1KS21AI029

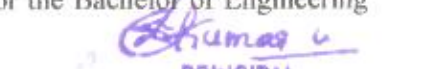
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Signature of the Guide

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[Prof. Sudha M]


Signature of the HOD

[Dr. Vijayalakshmi Mekali]


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Signature of the Principal/
Director

[Dr. Dilip Kumar K]

K. S. Institute of Technology

#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

Department of Artificial Intelligence & Machine Learning



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CERTIFICATE

Certified that the Mini Project (21AIMP67) entitled "SENTIMENT ANALYSIS" is a bonafide work carried out by:

SURABHI T G	1KS21AI051
THRYAKSHARI S	1KS21AI053
VARNIKA V N	1KS21AI054

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

Signature of the
Co-ordinators

[Prof. Renuka Patil,
Associate Professor,
Prof. Sudha M,
Assistant Professor]

Signature of the HOD

[Dr. Vijayalaxmi Mekali]
Head of the Department
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Signature of the Principal/
Director

[Dr. Dilip Kumar K]
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CERTIFICATE

Certified that the Mini Project (**21AIMP67**) entitled **“FRUIT AND VEGETABLE RECOGNITION AND CALORIE ESTIMATION”** is a bonafide work carried out by:

CHIRAG V S

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ESHWAR S

1KS21AI014

K J ARUN

1KS21AI021

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


.....

Signature of the Coordinator

[Renuka Patil]


.....

Signature of the HOD

[Dr. Vijayalakxmi Mekali]


.....

Signature of the Principal/
Director

[Dr. Dilip Kumar K]


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Signature of the Assistant Professor

[Sudha M]

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CERTIFICATE

Certified that the Mini Project (**21AIMP67**) entitled "YOGA POSE DETECTION" is a bonafide work carried out by:


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1KS21AI025

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1KS21AI030

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


.....
Signature of the Guide

[Prof Renuka Patil]

[Prof Sudha M]


31/9/24
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Signature of the HOD

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CERTIFICATE

Certified that the Mini Project (**21AIMP67**) entitled “**HAND WRITTEN DIGIT RECOGNIZATION**” is a bonafide work carried out by:

ANANYA B GOWDA	1KS21AI005
CHETHAN S	1KS21AI012
MODUPALLI MEGHANA	1KS21AI028

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by **Visvesvaraya Technological University, Belagavi** during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.

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Certified that the Mini Project (21AIMP67) entitled "EMOTION BASED MUSIC RECOMMENDATION SYSTEM" is a bonafide work carried out by:

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PUNYASHREE T S	1KS21AI039
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[Prof Sudha M]

Signature of the HOD
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Director
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Certified that the Mini Project (21AIMP67) entitled "TEXT SUMMARIZER" is a bonafide work carried out by:

NITHISH GOWDA K J

1KS21AI035

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1KS22AI406

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[Prof. Renuka Patil]
[Prof. Sudha M]

Signature of the HOD
[Dr. Vijayalakxmi Mekali]

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Certified that the Mini Project (21AIMP67) entitled "Student Model for an Intelligent Language Tutoring System" is a bonafide work carried out by:

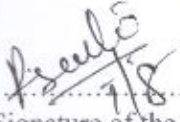
KAVYA S

1KS21AI023

KEERTHANAR

1KS21AI024

in partial fulfilment for VI semester B.E., Mini Project Work in the branch of Artificial Intelligence & Machine Learning prescribed by Visvesvaraya Technological University, Belagavi during the period of April 2024 to August 2024. It is certified that all the corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project Report has been approved as it satisfies the academic requirements in report of project work prescribed for the Bachelor of Engineering degree.


Signature of the Co-ordinator

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Signature of the HOD

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CERTIFICATE

Certified that the Mini Project (**21AIMP67**) entitled “ **AI PERSONAL DESKTOP ASSISTANCE** ” is a bonafide work carried out by:

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1KS22AI402

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.....
Signature of the Guide

[Prof Renuka]

[Prof Sudha M]

Name of the Examiners

1.

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Signature of the HOD

[Dr. Vijayalakxmi Mekali]

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Certified that the Mini Project (**21AIMP67**) entitled **“FAKE PROFILE DETECTION ON INSTAGRAM”** is a bonafide work carried out by:

NITHYA R

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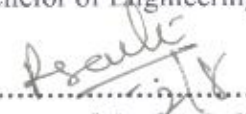
SAI NEHA D.P

1KS21AI043

CHIRAG S

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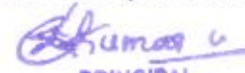
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Signature of the Principal/
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[Dr. Dilip Kumar K]


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Signature of the Assistant Professor

[Sudha M]