

# Vasavi College of Engineering (Autonomous)

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(Affiliated to Osmania University)

Ibrahimbagh, Hyderabad-31

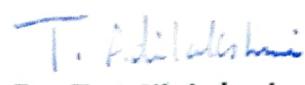
Department of Computer Science & Engineering



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Smart Attendance and Engagement Tracker**" being submitted by **B. ABHINAV & N. HARSHA** bearing **1602-21-733-001 & 1602-21-733-015**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him under my guidance.

  
Dr. T. Jalaja,  
Assistant Professor,  
Dept. of CSE,  
(Internal Guide)

  
Dr. T. Adilakshmi,  
Professor & HOD,  
Dept. of CSE

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**LIVE MONITORING FITNESS SYSTEM**" being submitted by **SHIVANI GUPTA & G. JAHNAVI** bearing **1602-21-733-047 & 1602-21-733-016**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**DR. NAGARATNA P. HEGDE,**  
**PROFESSOR,**  
**Internal Guide**

  
**DR. T. ADILAKSHMI,**  
**PROFESSOR & HOD,**  
**Dept. of CSE**

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Deep Learning-Based SAR Image Despeckling**" being submitted by **G.BHUPATHI & A.ANISH** bearing **1602-21-733-011 & 1602-21-733-006**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**( Internal Guide )**

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

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**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**ESTIMATION OF DIRECTION OF SIGNALS USING WAVENET IN WIRELESS COMMUNICATION SYSTEMS**" being submitted by **G. SIDDHARTHA & D. ARUN TEJA** bearing **1602-21-733-039 & 1602-21-733-008**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

*Nagarathna Hegde*  
**DR. NAGARATHNA P. HEGDE**  
**PROFESSOR**  
**Dept. of CSE**  
**INTERNAL GUIDE**

*T. Adilakshmi*  
**DR. T. ADILAKSHMI**  
**PROFESSOR & HOD**  
**Dept. of CSE**

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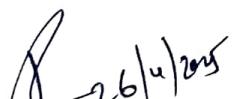
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled "**Credit Card Transaction Monitoring Using Machine Learning**" being submitted by **DNV Surya Pranav** and **T Nikhil Reddy** bearing **1602-21-733-025** and **1602-21-733-027**, in partial fulfilment of the requirements of the VIII semester, Bachelor of Engineering in Computer Science & Engineering is a record of Bonafide work carried out by him/her under my guidance.

  
**Dr D Baswaraj,**  
**Professor,**  
**Dept. of CSE**

  
**Dr.T.Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE**

**(External Examiner)**

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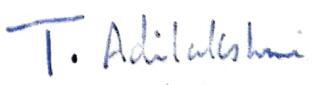
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled **Comparative Analysis of Temporal Convolutional Networks and LSTM for Air Quality Forecasting** being submitted by **M Jayanth and N Radha Krishna**, bearing 1602-21-733-017 and 1602-21-733-031 in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. M. Sunitha Reddy**  
**Associate Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

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**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**PHISHING WEBSITE DETECTION**" being submitted by **CH.HARISH REDDY & B.GAYATHRI** bearing **1602-21-733-012 & 1602-21-733-013**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Dr. T. Adilakshmi,  
Professor & HOD,  
Dept. of CSE**



**Dr. T. Adilakshmi,  
Professor & HOD  
Dept. of CSE**

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& Engineering**



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "**GENE EXPRESSION FOR BREAST CANCER SURVIVAL CHANCE DETECTION**" being submitted by **P.ARCHITA & B.SRILEKHA** bearing **1602-21-733-136** & **1602-21-733-305** respectively, in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*R. Sudha*  
Associate Professor  
R. Sudha,  
Dept. of CSE

*T. Adilakshmi*  
HOD  
Dr. T. Adilakshmi  
Dept. of CSE

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**“HEART DISEASE PREDICTION USING MACHINE LEARNING”** being submitted by **PALADUGULA RANESH, SAINI VENKATESH** bearing **1602-21-733-035, 1602-21-733-304** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. T. Jalaja,**  
**Assistant Professor,**  
**Dept. Of CSE**  
**Internal Guide**

  
**Dr. T. Adilakshmi,**  
**Professor & HEAD,**  
**Dept. of CSE**

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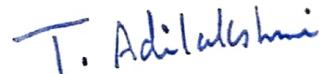
**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**INTELLIOPT: CLOUD COST OPTIMIZATION**" being submitted by **J. SHIVATEJA, K. TRINAYA** bearing **1602-21-733-046, 1602-21-733-060** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. T. Jalaja,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**Internal Guide**

  
**Dr. T. Adilakshmi,**  
**Professor & HOD**  
**Dept. of CSE**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Early Prediction of Alzheimer's Disease using Deep Learning**" being submitted by **Mohammed Irfan & Mohammed Khaleel Ur Rahman** bearing hall ticket number, **1602-21-733-020 & 1602-21-733-022**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bona fide work carried out by him under my guidance.

*Sireesha  
26/07/23*  
**Dr V. Sireesha**

**Associate Professor**  
**Dept. of CSE**  
**(Internal Guide)**

*T. Adilakshmi*  
**Dr. T. Adilakshmi**

**Professor & HEAD**  
**Dept. of CSE**

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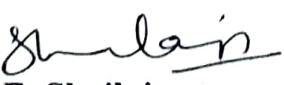
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Explainable AI for Early Parkinson's Disease Detection Using Voice Signal Features and Machine Learning Models**" being submitted by **Mohit Srinivasa Kartheek Neerukonda & Venkata Sai Manvith BattamSetty** bearing, **1602-21-733-024 & 1602-21-733-063**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr E. Shailaja,**  
**Associate Professor,**  
**Dept. of CSE,**  
**(Internal Guide)**

**External  
Guide**

  
**Dr. T. Adilakshmi,**  
**Professor & HEAD,**  
**Dept. of CSE.**

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**Hyderabad-500 031**

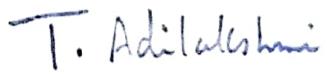
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**A Smart System for Identifying Plant Diseases through Deep Learning and Image Processing Techniques**" being submitted by **KANKANALA RAMYA & GANNU VAISHNAVI** bearing **1602-21-733-034 & 1602-21-733-061**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr.P.Kalpana ,**  
**Associate Professor,**  
**Dept.of CSE,**  
**(Internal Guide).**

  
**Dr.T.Adilakshmi,**  
**Professor&HOD,**  
**Dept.of CSE.**

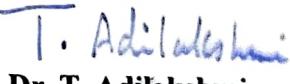
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**Hyderabad-500 031**  
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Crime Analysis Using Machine Learning**" being submitted by **Suguru Mohan Kumar, Duddelli Vasavi** bearing hall ticket numbers **1602-21-733-301,1602-21-733-303** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**Dr.P.Kalpana**  
**Associate Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**(External Examiner)**

**Vasavi College of Engineering (Autonomous)**  
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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Optimized Workflow Scheduling in Cloud Computing Using Collaborative Heuristic Model**" being submitted by **T. Neha Reddy** and **K. Sruthi Reddy**, bearing **1602-21-733-026** and **1602-21-733-057**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**S. Vinay Kumar**  
Assistant Professor  
Dept. of CSE

  
**Dr. T. Adilakshmi,**  
Professor & HOD  
Dept. of CSE

**External Examiner**

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Hyderabad-500 031

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Workflow Scheduling in cloud computing using Reinforcement Learning**" being submitted by **P. Srividya and S. Vaishnavi**, bearing 1602-21-733-055 and 1602-21-733-062, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**S. Vinay Kumar**  
Assistant Professor  
Dept. of CSE

  
**Dr. T. Adilakshmi,**  
Professor & HOD  
Dept. of CSE

**External Examiner**

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Collaborative Cloud Document Editor**" being submitted by **KHADE SHYAM & MOHD SHAHJAHAN PASHA** bearing **1602-21-733-049 & 1602-21-733-023**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr.R.Sateesh Kumar,**

**Assistant Professor,**

**Dept. of CSE,**

**(Internal Guide)**



**Dr. T. Adilakshmi,**

**Professor & HOD,**

**Dept. of CSE.**

**(External Examiner)**

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Advanced Techniques for Tropical Cyclone Intensity Forecasting using Deep Neural Networks With INSAT-3D Imagery**" being submitted by **Srinivas Ramavath, Uppari Mahesh**, bearing hall ticket numbers **1602-21-733-054, 1602-21-733-302**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

*R. S. Kumar*  
**Dr. R. Santosh Kumar,**  
**Associate Professor,**  
**Internal Guide**

*T. Adilakshmi*

**Dr. T. Adilakshmi,**  
**Professor & HEAD,**  
**Dept. of CSE**

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Ibrahimbagh, Hyderabad-31 Department of Computer Science & Engineering



## BONAFIDE CERTIFICATE

This is to certify that the project entitled "INDOOR NAVIGATION SYSTEM" being submitted by E. AKSHAYA & E. GEETHIKA bearing 1602-21-733-005 & 1602-21-733-014, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

Internal Guide

Dr.P. Bhargavi,  
Associate Professor

HOD

Dr.T. Adilakshmi,  
Dept of CSE.

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**Ibrahimbagh, Hyderabad-31**

## **Department of Computer Science & Engineering**



### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**CODE COMPASS**" being submitted by **K.ABHINAV REDDY & M.RAKESH** bearing **1602-21-733-002 & 1602-21-733-033**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him under my guidance.

  
**Dr. T. Jalaja,**  
**Assistant Professor,**  
**Dept. of CSE**

  
**Dr. T. Adilakshmi,**  
**Professor & HOD**  
**Dept. of CSE**

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**MOVIE CHATBOT USING RASA AND NLU**" being submitted by **C.Spoorthy & K.Mahalakshmi** bearing **1602-21-733-051& 1602-21-733-019**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*R. Sudha*

R. Sudha

Associate Professor,

Internal Guide

*T. Adilakshmi*

Dr. T. Adilakshmi,

Professor & HOD

Dept of CSE

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "Alumni Details Management System" being submitted by **K. Sree Indira Sivani & N.Sarayu** bearing hall ticket number **1602-21-733-052 & 1602-21-733-041**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. T. Jalaja**

**Assistant Professor**  
**Dept. of CSE**

  
**Dr. T. Adilakshmi**

**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Patient Readmission Prediction**" being submitted by **Shaik Sameer and G Sai Niranjan**, bearing **1602-21-733-043** and **1602-21-733-038**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**T Nishitha Reddy**  
**Assistant Professor**  
**Internal Guide**



**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**“RETINAL DISEASE CLASSIFICATION”** being submitted by **RANGA LAXMI SNEHITHA and SATHVIK REDDY BACHU**, bearing **1602-21-733-036 and 1602-21-733-042**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*25/2/14*  
**Dr. M. Sunitha Reddy**  
**Associate Professor**  
**Internal Guide**

*T. Adilakshmi*  
**Dr .T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**REAL-TIME HEART DISEASE PREDICTION**" being submitted by **MOHAMMED MUFEEZ UR RAHMAN & N SAI KRISHNA**, bearing **1602-21-733-021 & 1602-21-733-021**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. R. Sateesh Kumar**  
**ASSISTANT PROFESSOR,**  
**Internal Guide**

**Dr. T. Adilakshmi,**  
**Professor & HEAD,**  
**Dept. of CSE**

**External Examiner**

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**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**SECURE IPV6 DUPLICATE ADDRESS DETECTION**" being submitted by **M.SRIYAKRITHIKA & M.SRI DIVYA** bearing **1602-21-733-056 & 1602-21-733-135**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. M. Jithender Reddy,  
Assistant Professor  
Internal Guide**

**Dr. T Adilakshmi,  
Professor & HOD,  
Dept. Of CSE**

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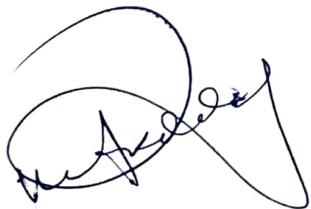
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Enhanced Detection of AI-Generated Images Using a CNN-Based Hybrid Model**" being submitted by **K. Anudeep** and **K. Bharath Kumar**, bearing **1602-21-733-007** and **1602-21-733-009**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.



**Dr. M. Jitender Reddy**  
**Assistant Professor**  
**Dept. of CSE**



**Dr. T. Adilakshmi**,  
**Professor & HOD**  
**Dept. of CSE**

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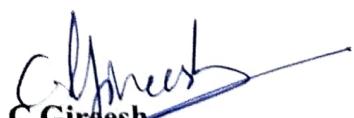
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Automated Question Generation and Evaluation using AI For Educational Enhancement**" being submitted by **L Yashwanth Goud and G V SAHIT** bearing **1602-21-733-067** and **1602-21-733-065** respectively in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**C. Giridessh**

**Assistant Professor, CSE**

**Internal Guide**



**Dr. T. Adilakshmi**

**Professor & HoD**

**Dept. of CSE**

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## BONAFIDE CERTIFICATE

This is to certify that the project entitled "Conversational Fashion Outfit Generator" being submitted by **Rahul Kasula & K. Vishal Reddy** bearing **1602-21-733-032 & 1602-21-733-064**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

Narsalah Putta,  
Assistant Professor,  
(Internal Guide)

Dr. T. Adilakshmi,  
Professor & HOD,  
Dept. of CSE.

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**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Computer Vision-based Advanced Driver Assistance System (ADAS)**" being submitted by **SUJEETH and TEJASH BABU** bearing **1602-21-733-058** and **1602-21-733-059** respectively in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of Bonafide work carried out by him/her under my guidance.



**Dr. Bhargavi Peddi Reddy**  
Associate Professor, CSE  
Internal Guide

**EXTERNAL  
EXAMINER**



**Dr. T. Adilakshmi**  
Professor & HEAD  
Dept. of CSE

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University),**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Multi-Mode Human Recognition and Behavior Analysis System Using AI**" being submitted by **B. Praharshitha and G. Sai Srishma**, bearing hall ticket numbers **1602-21-733-029 and 1602-21-733-306**, in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering, is a record of bonafide work carried out by them under my guidance.

  
**S. Komal Kour,**

**Assistant Professor,**  
**Internal Guide**

  
**Dr. T. Adilakshmi,**

**Professor & HEAD,**  
**Dept. of CSE**

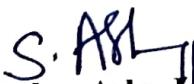
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**Vasavi College of Engineering**  
**(Autonomous) (Affiliated to Osmania**  
**University) Hyderabad-500 031**  
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project seminar entitled "**“STATS VIZ: INTERACTIVE CRICKET ANALYTICS DASHBOARD AND AN AI CHATBOT”**" being submitted by **U. ABHISHEK and WASIM HASSAN** bearing hall ticket numbers, **1602-21-733-066 and 1602-21-733-003** respectively, in partial fulfilment of the requirements of the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him under Mrs. Sabnekar Asha Jyothi guidance.

  
**Mrs. Sabnekar Asha Jyothi,**  
**Assistant Professor,**  
**Dept. of CSE.**

  
**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

# **Vasavi College of Engineering (Autonomous)**

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**(Affiliated to Osmania University)**

**Ibrahimbagh, Hyderabad-31**

## **Department of Computer Science & Engineering**



### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**WHATSAPP DEADLINE REMINDER SYSTEM**" being submitted by **K. SAI SRIHITHA & R. SHARAN ROHITH** bearing **1602-21-733-040 & 1602-21-733-044**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*J. Madhumathi.*

**J. Madhumathi**

**Assistant Professor**

**Internal Guide**

*T. Adilakshmi*

**Dr. T. Adilakshmi**

**Professor & HEAD**

**Dept. of CSE**

# **Vasavi College of Engineering (Autonomous)**

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**Ibrahimbagh, Hyderabad-31**

## **Department of Computer Science & Engineering**



### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**HANDWRITTEN TEXT RECOGNITION**" being submitted by **G. KRISHNAVENI & P. PRAMODITA** bearing **1602-21-733-018 & 1602-21-733-030**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**P. Nancy Celine**  
**Assistant Professor**  
**Internal Guide**

  
**DR. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University),**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**AI POWERED MENTAL HEALTH COMPANION**" being submitted by **M.BHAVANA & P.SRAVANI** bearing **1602-21-733-010& 1602-21-733-307**, in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**P.Nancy Celine,**  
**Professor,**  
**Internal Guide**

**(External Examiner)**

**Dr. T. Adilakshmi,**  
**Professor & HEAD,**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Rakshak**" being submitted by **K.Parthutez** and **B.Adithya**, bearing **1602-21-733-028** and **1602-21-733-004**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**T.Anjali**

**Assistant Professor**

**Internal Guide**



**Dr. T. Adilakshmi**

**Professor & HEAD**

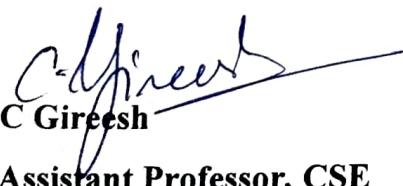
**Dept. of CSE**

**Vasavi College of Engineering  
(Autonomous) (Affiliated to Osmania  
University) Hyderabad-500 031  
Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**APPGUARD AI USING SYNERGETIC DEEP LEARNING**" being submitted by **SHOAIB QAYOOM and SRIKAR REDDY** bearing **1602-21-733-048** and **1602-21-733-053** respectively in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**C Gireesh**  
**Assistant Professor, CSE**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**External Examiner**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Stock Market Forecasting Using an Integrated Neural Network Techniques With Feature Engineering**" being submitted by **Polamolu Manikanta Sai Saran and Cheedalla Rahul** bearing Hall ticket numbers **1602-21-733-088 and 1602-21-733-108**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*N P Hegde*

**Dr. Nagaratna P Hegde**

**Professor**

**Internal Guide**

*T. Adilakshmi*

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Dyslexia Detection**" being submitted by **Navya Sri Paleti** and **Rakshitha Reddy B** bearing **1602-21-733-096** and **1602-21-733-110**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

*T. Adilakshmi*

**Dr. T. Adilakshmi**

**Professor & HOD**

**Internal Guide**

*T. Adilakshmi*

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Conversational Fashion Outfit Generator**" being submitted by **Tadaka Nikhil and Gangidi Sai Smaran**, bearing **1602-21-733-100** and **1602-21-733-113**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**Dr. Nagaratna P Hegde**  
**Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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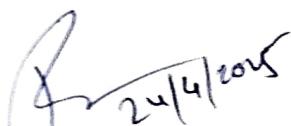
**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**ACTOR MODEL BASED CHAT APPLICATION**" being submitted by **KOYYANA NIHILA** and **BOLLA RISHITHA REDDY**, bearing **1602-21-733-101** and **1602-21-733-111**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.



**Dr. D. Baswaraj**  
Professor  
Dept. of CSE



**Dr. T. Adilakshmi,**  
Professor & HOD  
Dept. of CSE

**External Examiner**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**ML Models and Integrated Paradigms for Real Time Intrusion, URL and Malware Detection**" being submitted by **Mohammed Shayma and Sreenidhi Salugu**, bearing **1602- 21-733-091** and **1602-21-733-119**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. T. Adilakshmi**

**Professor & HOD**

**Internal Guide**

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Detection of Malicious Domains generated using DGA's (Domain generation algorithms) using LSTM**" being submitted by **Rishi Varma and P.Pradeep Reddy**, bearing **1602-21-733-112** and **1602-21-733-104**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. D. Baswaraj**  
**Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**  
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Enhancing Wireless LAN Performance Through Policy Optimization and Training**" being submitted by **Priyatham Konda & Vignesh Chidurala**, bearing 1602-21-733-107 & 1602-21-733-131, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**T. Nishitha.**  
**Assistant Professor**  
**Dept. of CSE**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**  
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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Explainable AI For Crop Health Monitoring With Deep Learning**" being submitted by **P.Surya Shiva Charan Reddy** and **P.Vishroth Reddy**, bearing **1602-21-733-124** and **1602-21-733-134**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**Dr. V. Sireesha**  
**Associate Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

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**Hyderabad-500 031**

**Department of Computer Science**



## **BONAFIDE CERTIFICATE**

This is to certify that the project seminar entitled **Multiple Disease Prediction System using Machine Learning** being submitted by **Mohammed Mujahid Ahmed** and **P. Vijay Babu** bearing **1602-21-733-090** and **1602-21-733-132** in Bachelor of Engineering in Computer Science in a record of bonafide work carried out by them under my guidance.

  
**Dr. R. Satyesh Kumar**  
Assistant Professor  
Internal Guide

  
**Dr. T. Adilakshmi**

**Professor & HOD, CSE**

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled “OPHTHALMIC DIAGNOSIS DETECTION THROUGH DEEPMLEARNING” being submitted by R.ROHINI and D. RAMA DEVI bearing 1602-21-733-310 and 1602-21-733-314 , in partial fulfilment of the requirements of the VIII semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Dr. M Sunitha Reddy,  
Associate Professor,  
Dept. of CSE.**



**Dr.T.Adilakshmi,  
Professor & HOD,  
Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**

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**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Adaptive Contention Window Control in Wi-Fi Using Advanced Hyperparameter Tuned DDPG**" being submitted by Thumma Nishanth & Dasireddy Siddhartha Reddy, bearing 1602-21-733-102 & 1602-21-733-118, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.



**Ms. T. Nishitha**  
**Assistant Professor**  
**Dept. of CSE**  
**( Internal Guide )**

**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Hybrid Encryption Using Fernet & RSA**" being submitted by **M. Divya, Ch. Shivathmika** bearing **1602-21-733-076, 1602-21-733-116** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

*Shreelka  
25/4/25*  
**Dr. V. Sireesha**  
**Associate Professor**  
**Internal Guide**

*T. Adilakshmi*

**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

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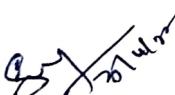
**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Real-Time Detection of Wrong-Way Vehicles Using YOLOv5 and Centroid-Based Tracking**" being submitted by **Suprith Bandi and Palabatla Anish** bearing **1602-21-733-123 & 1602-21-733-071**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. M. Sunitha Reddy,**

**Associate Professor,**

**Dept. of CSE ,**

**(Internal Guide)**

  
**Dr. T. Adilakshmi,**

**Professor & HOD,**

**Dept. of CSE.**

**External Examiner**

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**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Food Recognition and Calorie Measurement**" being submitted by **Kondaigunta Tejo Saran** and **Gummadi Tarak Ram**, bearing **1602-21-733-127** and **1602-21-733-125**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Tumma Susmitha**  
**Assistant Professor**  
**Internal Guide**

**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

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**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**CLICKBAIT SPOILER DETECTION AND GENERATION**" being submitted by **Samineni Tejaswi & Eedhammala Charani** bearing **1602-21-733-126& 1602-21-733-072**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

*T. Adilakshmi*

**Dr.R.SanthoshKumar,**

**Dr. T. Adilakshmi,**

**AssociateProfessor,**

**Professor & HOD,**

**Dept. of CSE,**

**Dept. of CSE.**

**(Internal Guide)**

*R.S.Kumar*

**(External Examiner)**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Workflow Scheduling using Memetic Algorithm**" being submitted by **Deekshitha Pembarthi** and **Varsha Varaganti**, bearing **1602-21-733-073** and **1602-21-733-129**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

*T. Adilakshmi*

*S. Vinay Kumar 25/4/25*

**Assistant Professor**

**Dept. of CSE**

**Dr. T. Adilakshmi Professor**

**Professor & HOD**

**Dept. of CSE**

**External Examiner**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Two-Phase Evolutionary Approach for Cloud Workflow Optimization**" being submitted by **Bingi Srikanth and Kakumanu Balasubbarao**, bearing **1602-21-733-309** and **1602-21-733-308**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**S. Vinay Kumar**  
Assistant Professor  
Dept. of CSE

  
**Dr. T. Adilakshmi**,  
Professor & HOD  
Dept. of CSE

**External Examiner**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**SECURED MULTI PARTY FILE ACCESS USING AES ENCRYPTION AND QR BASED CODE AUTHORIZATION**" being submitted by **LASYA HANUMANULA** and **JAYASRI KANAKAM**, bearing hall ticket numbers **1602-21-733-084** and **1602-21-733-313**, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF ENGINEERING IN COMPUTER SCIENCE & ENGINEERING** is a record of bonafide work carried out by them under my guidance.

The signature is handwritten in black ink, appearing to read "R. Sudha".

**R. Sudha,**

**Associate Professor,**

**Internal guide.**

The signature is handwritten in blue ink, appearing to read "T. Adilakshmi".

**Dr. T. Adilakshmi,**

**Professor & HOD,**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Pneumonia Detection Using Explainable AI**" being submitted by **Udith and Vishnu Vardhan Reddy**, bearing **1602- 21-733-128** and **1602-21-733-133**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Dr. M. Sunitha Reddy**  
**Associate Professor**  
**Internal Guide**



**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

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**(Affiliated to Osmania University)**

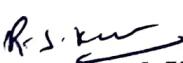
**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Dish Decoder**" being submitted by **Kandra Maneesh and Kotha Sai Teja**, bearing **1602- 21-733-087** and **1602-21-733-114**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. R. Santosh Kumar**  
**Associate Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

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## Department of Computer Science & Engineering



### BONAFIDE CERTIFICATE

This is to certify that the project entitled "**AGRIBOOST : SMART AGRICULTURE USING MACHINE LEARNING AND IoT**" being submitted by **KORE RAJU** and **CHEDEEP VENKATESHWARLU** bearing hall ticket number, **1602-21-733-311** and **1602-21-733-130**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. R. Santosh Kumar,**  
**Associate Professor,**  
**Dept. Of CSE,**  
**( Internal Guide )**

**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. Of CSE**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University) Hyderabad-500 031**  
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**DRUG TRACEABILITY IN  
HEALTHCARE SUPPLY CHAIN**" being submitted by **Udutha Nagaraju** and **Nikhil Medari**, bearing **1602-21-733-094 & 1602-21733-099**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. M. Jitender Reddy**  
**Assistant Professor**  
**Dept. of CSE**  
**(Internal Guide )**

**T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**( External Examiner)**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled “AI Tutor- Self learning Platform” being submitted by CH Muralikrishna and P Pradeep Naik, bearing 1602- 21-733-093 and 1602-21-733-103, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Mr. C. Gireesh**  
**Assistant Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

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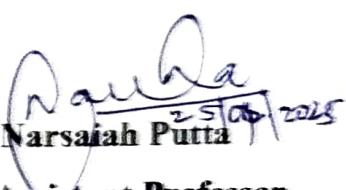
**Hyderabad-500 031**

**Department of Computer Science & Engineering**

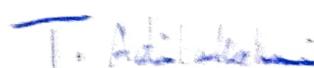


**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Blood Group Identification from Fingerprint through Image Analysis and Ensemble methods**" being submitted by **G. Harshavardhan Rao** and **M. Nanda Kishore**, bearing **1602-21-733-077** and **1602-21-733-095**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bona fide work carried out by them under my guidance.

  
Narsaiah Putta  
25/09/2015  
Assistant Professor

Dept. of CSE

  
Dr. T. Adilakshmi Professor  
Professor & HOD  
Dept. of CSE

**External Examiner**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**  
**Hyderabad-500031**

**Department of Computer Science**



**BONAFIDE CERTIFICATE**

This is to certify that the project seminar entitled "**Brain Tumor Detection Using Deep Transfer Learning**" being submitted by **Mohammed Amanullah** and **Kindoddi Nikhil** bearing **1602-21-733-089** and **1602-21-733-098** in Bachelor of Engineering in Computer Science in a record of Bonafide work carried out by them under my guidance.

  
**Tumma Susmitha**

**Assistant Professor**

**Internal Guide**

  
**T. Adilakshmi**

**Dr. T. Adilakshmi**  
**Professor & HOD, CSE**

**Vasavi College of Engineering (Autonomous)**

ACCREDITED BY NAAC WITH 'A++' GRADE

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**SMART TIMELINE REMINDERS FROM GMAIL AND CHAT APPLICATIONS USING LSTM**" being submitted by **ORUGANTI MUNNA REDDY & PRASHANTH BONKURU**, bearing **1602-21-733-092 & 1602-21-733-106**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. M. Sunitha Reddy**  
**Associate Professor**  
**Dept. of CSE**  
**(Internal Guide)**

  
**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

**(External Examiner)**

# **Vasavi College of Engineering (Autonomous)**

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**(Affiliated to Osmania University)**

**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**GREY WOLF OPTIMIZATION BASED HYPERPARAMETER TUNING IN REINFORCEMENT LEARNING**" being submitted by **SRUTHI GOGUNE & PATI SRI SAI MAHITHA** bearing **1602-21-733-121 & 1602-21-733-120**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Ms. T. Nishitha,**

**Assistant Professor,**

**Dept. of CSE ,**

**(Internal Guide)**



**Dr. T. Adilakshmi,**

**Professor & HOD,**

**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Fake news detection system**" being submitted by **R.V Deevan Kumar** and **E. Jashwanth Kumar**, bearing **1602-21-733-074** and **1602-21-733-079**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**Alphonsa Mandla**  
**Assistant Professor**  
**Dept. of CSE**

  
**Dr. T. Adilakshmi** Professor  
**Professor & HOD**  
**Dept. of CSE**

**External Examiner**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Traffic Sign Detection using Deep Learning**" is being submitted by **M. Akash Reddy, S. KeerthiNandan Reddy** bearing **1602-21-733-069, 1602-21-733-081**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.



**K. Srividya**  
Assistant Professor  
Internal Guide

**External Examiner**

  
**Dr. T. Adilakshmi**  
Professor & HOD  
Dept. of CSE

# Vasavi College of Engineering (Autonomous)

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(Affiliated to Osmania University)

Ibrahimbagh, Hyderabad-31

## Department of Computer Science & Engineering



### BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Predicting Mental Health using machine learning**" being submitted by **D.Niharika & R.Akshara** bearing **1602-21-733-097 & 1602-21-733-070**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



Ms. K. Srividya,

Assistant Professor,

Dept. of CSE,

(Internal Guide)



Dr. T. Adilakshmi,

Professor & HOD,

Dept. of CSE.

(External Examiner)

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

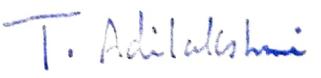
**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Real-time Exercise Monitor & Feedback System**" is being submitted by **M. Harshith, J. Koushik Kumar** bearing **1602-21-733-078, 1602-21-733-082**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

  
**Ms. T. Susmitha**  
**Assistant Professor**  
**Internal Guide**

  
**Dr. T. Adilakshmi**  
**Professor & HEAD**  
**Dept. of CSE**

# **Vasavi College of Engineering (Autonomous)**

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**Hyderabad-500 031**

**Department of Computer Science and Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project report entitled **OSTEOARTHRITIS SEVERITY ESTIMATOR** being submitted by **SEELAM DIENSH REDDY** and **CHEDE SUMITH KUMAR** bearing **1602-21-733-075** and **1602-21-733-122** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science and Engineering is a record of Bonafide work carried out by them under my guidance.

*D. Laxmi Prasanna*

**D. Laxmi Prasanna**  
**Assistant Professor**  
**Internal Guide**

**External Examiner**

*T. Adilakshmi*

**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept of CSE**

**Vasavi College of Engineering(Autonomous)**  
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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**HEART DISEASE PREDICTION USING MACHINE LEARNING**" being submitted by **Malik Muid ul Mamoon and Prince Sharma**, bearing **1602-21-733-086** and **1602-21-733-115**, in partial fulfillment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her guidance.

**Susmitha T,**

**Assistant Professor,**

**Internal Guide,**

**Dr.T.Adilakshmi,**

**Professor & Hod,**

**Dept.of CSE,**

# **Vasavi College of Engineering (Autonomous)**

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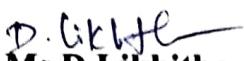
**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**DEEP LEARNING FOR LUNG AND COLON CANCER DETECTION WITH EXPLAINABLE AI**" being submitted by **THANNIRU ABHIGNA, YADA JYOTHSNA PRIYA** bearing **1602-21-733-068 & 1602-21-733-080**, in in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Ms. D. Likhitha,**

**Assistant Professor,**  
**Dept of CSE,**  
**(Internal Guide)**

  
**Dr. T. Adilakshmi,**

**Professor & HOD,**  
**Dept of CSE,**

**(External Examiner)**

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**Ibrahimbagh, Hyderabad-31**

**Department of Computer Science & Engineering**



## **BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Mouse Cursor control using OpenCV**" being submitted by **ANJALI NANDA & PRANEETHA** bearing **1602-21-733-312 & 1602-21-733-105**, in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Ms. Nancy Celine,**

**Assistant Professor,**

**Dept. of CSE ,**

**(Internal Guide)**



**Dr. T. Adilakshmi,**

**Professor & HOD,**

**Dept. of CSE.**

**(External Examiner)**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**AI Powered Chat Application**" being submitted by **Kuchar Kal Harjeeth and Raj Mishra**, bearing **1602-21-733-083** and **1602-21-733-109**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. M. Sunitha Reddy**

**Associate Professor**

**Internal Guide**

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Face Based Attendance Monitoring With Deep Learning**" being submitted by **Md.Altaf** and **M.Siddendra Raju**, bearing **1602-21-733-315** and **1602-21-733- 117**, in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by them under my guidance.

A handwritten signature in black ink, appearing to read "S. ASHA JYOTHI".

**Mrs Sabnekar Asha Jyothi**  
**Assistant Professor**  
**Dept. of CSE**  
**Internal Guide**

A handwritten signature in black ink, appearing to read "T. ADILAKSHMI".

**Dr. T. Adilakshmi**  
**Professor & HOD**  
**Dept. of CSE**

**(External Examiner)**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad – 500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**RESQ - ACCIDENT DETECTION AND ALERTS APP**" being submitted by **KANDAKATLA ANUSHA REDDY**, bearing **1602-23-742-001**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

A handwritten signature in black ink, appearing to read "Shailaja".

**Dr. E. Shailaja**

**Associate Professor**

**Internal Guide**

A handwritten signature in blue ink, appearing to read "T. Adilakshmi".

**Dr. T. Adilakshmi**

**Professor & Hod**

**Dept of Cse**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**  
**Hyderabad – 500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**APPLYING MACHINE LEARNING ALGORITHMS FOR THE CLASSIFICATION OF SLEEP DISORDERS**" being submitted by **GYARA BHANU PRASAD**, bearing **1602-23-742-002**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

**Dr. Parsi Kalpana**  
**Associate Professor**

**Internal Guide**

**Dr. T. Adilakshmi**  
**Professor & Hod**

**Dept of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500031**

**Department of Computer Science & Engineering**



### **BONAFIDE CERTIFICATE**

This is to certify that the project entitled **IDENTIFYING THE FLOODED AREA USING DEEP LEARNING MODEL** being submitted by **BANKA DHARMA RAO**, bearing **1602-23-742-003**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**DR. P. BHARGAVI PEDDY REDDY,**  
**Associate Professor,**  
**Internal Guide.**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**DEVELOPING AI-BASED FRAUD DETECTION SYSTEMS FOR BANKING AND FINANCE**" being submitted by **ERRA DILEEP KUMAR**, bearing **1602-23-742-004**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of Bonafide work carried out by him under my guidance.

  
**Dr. R. Santhosh Kumar,**  
**Associate Professor,**  
**Internal Guide.**

  
**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**FAKE LOGO DETECTION USING DEEP LEARNING**" submitted by **KEERTHI Y**, bearing **1602-23-742-005**, a student of the Department of Computer Science and Engineering, Vasavi College of Engineering in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science and Engineering as specialization is a record of Bonafide work carried out by her during the academic year 2025.

*Nagaratna Hegde 15/11/25*

**Dr. Nagaratna P. Hegde**  
**Professor**

*T. Adilakshmi*

**Dr. T. Adilakshmi,**  
**Professor & HOD**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**  
**Hyderabad – 500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**VAYU-AN IOT BASED AIR QUALITY MONITORING SYSTEM**" being submitted by **MANNE LAKSHMI PRASANNA**, bearing **1602-23-742-006**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by her under my guidance.

T. Adilakshmi

**Dr. T. Adilakshmi**  
**Professor & HoD**  
**Internal Guide**

T. Adilakshmi

**Dr. T. Adilakshmi**  
**Professor & HoD**  
**Dept Of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**PREDICTION OF STOCK PRICES USING MACHINELEARNING**" being submitted by **PREETHAM REDDY RAAVI**, bearing

**1602-23-742-007**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of

bonafide work carried out by him under my guidance.

**Dr Jithender Reddy**

**Professor**

**Internal Guide , Asst Professor  
CSE**

**AdiLakshmi**

**CSE HOD Dept of**

**Vasavi College of Engineering**

**(Autonomous) (Affiliated to Osmania University) Hyderabad-500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**CYBERBULLYING DETECTION ON SOCIAL MEDIA TEXTUAL CONTENTS USING DEEP LEARNING**" being submitted by **MUTHYALA RAKESH**, bearing **1602-23-742-008**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of Bonafide work carried out by him under my guidance.

A handwritten signature in blue ink.

**Dr. S. Komal Kour**

**Assistant Professor**

**Internal Guide**

A handwritten signature in blue ink.

**Dr. T. Adilakshmi**

**Professor & HOD**

**Dept. of CSE**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**Movie Recommendation and Sentiment Analysis using Deep Learning Algorithms**" being submitted by **V Siri Vaishnavi**, bearing **1602-23-742-009**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**Dr.M.Sunitha Reddy,**  
**Associate Professor,**  
**Internal Guide,**



**Dr.T.Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE,**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**  
**Hyderabad-500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**AUTOMATED BLOOD GROUP DETECTION USING FINGERPRINT**" being submitted by **SUMMAIYA BEGUM**, bearing **1602-23-742-010**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of Bonafide work carried out by her under my guidance.

  
**Dr.D.Baswaraj,**  
**Professor,**  
**Internal Guide.**

  
**Dr.T.Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering(Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "**CLOUD-BASED INTRUSION DETECTION APPROACH USING MACHINE LEARNING TECHNIQUES**" being submitted by **SYEDA SARAH TABASSUM**, bearing **1602-23-742-011**, in partial fulfillment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

  
**Dr. Ramatenki Sateesh Kumar**  
**Assistant Professor,**  
**Internal Guide,**

  
**Dr.T.Adilakshmi,**  
**Professor&HOD,**  
**Dept .of CSE,**

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "Alzheimer's Disease Diagnosis: Detection and Classification based on MRI Images" being submitted by KYASA VIDHYADHARY, bearing 1602-23-742-012, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by her under my guidance.

  
Dr. T. Jalaja,  
Assistant professor,  
Internal Guide.

  
Dr. T. Adilakshmi,  
Professor & HOD,  
Dept of CSE.

**Vasavi College of Engineering (Autonomous)**

**(Affiliated to Osmania University)**

**Hyderabad-500031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the project entitled **DESIGN OF AN EFFICIENT DEEP LEARNING FRAMEWORK FOR LUNG CANCER DETECTION** being submitted by **ZEBA YASMEEN**, bearing **1602-23-742-013**, in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering is a record of bonafide work carried out by her under my guidance.

*Sireesha*  
**Dr. V. Sireesha,**  
**Associate Professor,**  
**Internal Guide.**

*T. Adilakshmi*  
**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**

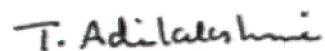


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Automatic fish feeding system” being submitted by K.AISHWARYA, bearing 1602-22-733-001, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Hyperparameter Optimization for Deep Reinforcement Learning in Wireless LANs” being submitted by AJAY ARUKONDA, bearing 1602-22-733-002, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**

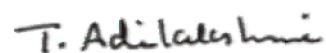


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Deep Fake Detection ” being submitted by P. AKHILA, bearing 1602-22-733-003, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
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**Hyderabad-500 031**

**Department of Computer Science & Engineering**

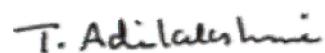


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Face Recognition Login System” being submitted by AMMAR MOHIUDDIN, bearing 1602-22-733-004, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**

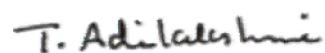


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Climate health predictor ” being submitted by A.ANANDHI, bearing 1602-22-733-005, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
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**Hyderabad-500 031**

**Department of Computer Science & Engineering**

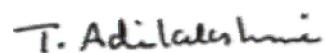


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Spam Detection in Movie Reviews ” being submitted by K. BRAHMENDRA SAI RISHI, bearing 1602-22-733-006, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
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**Hyderabad-500 031**

**Department of Computer Science & Engineering**

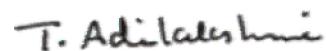


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Risk Analysis for Home Credit” being submitted by S. CHAITANYA DEEPTHI, bearing 1602-22-733-007, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
**Dept. of CSE,**  
**(Faculty I/c)**



**Dr. T. Adilakshmi,**  
**Professor & HOD,**  
**Dept. of CSE.**

**Vasavi College of Engineering (Autonomous)**  
**(Affiliated to Osmania University)**

**Hyderabad-500 031**

**Department of Computer Science & Engineering**



**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “File Storage System using Hybrid Cryptography in Cloud Computing” being submitted by T.CHARAN, bearing 1602-22-733-008, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



**S. Vinay Kumar,**  
**Assistant Professor,**  
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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered wildlife monitoring and intrusion detection system” being submitted by M.V.DEEKSHITHA, bearing 1602-22-733-009, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Scheduling Workflows in Cloud using Teaching Learning Based Algorithm” being submitted by G.GAJANAN, bearing 1602-22-733-010, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Classification and Prediction of Diabetes Using Machine Learning Algorithms” being submitted by S. HARSHA VARDHAN, bearing 1602-22-733-011, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Resume Screening Application” being submitted by G. HEMANTH REDDY, bearing 1602-22-733-012, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Blockchain based Decentralised App for secure sharing of student credentials.” being submitted by M.HITESH REDDY, bearing 1602-22-733-013, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Brain tumour semantic segmentation using u-net” being submitted by P.JASWANTHI, bearing 1602-22-733-014, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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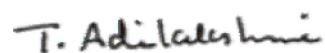


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Climate health predictor ” being submitted by T.JYOTHI REDDY, bearing 1602-22-733-015, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Toxic Comment Classification ” being submitted by KARTHIK, bearing 1602-22-733-016, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Traffic Control and Vehicle Tracking” being submitted by KEERTHANA CHENNABATNY, bearing 1602-22-733-017, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered YouTube Video Summarizer & Learning” being submitted by B.KIRAN, bearing 1602-22-733-018, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “OMR Recognition System” being submitted by B.B.L. ASRITA, bearing 1602-22-733-019, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Hyperparameter Optimization for Deep Reinforcement Learning in Wireless LANs” being submitted by LAKSHMI PRASANNA DARA, bearing 1602-22-733-020, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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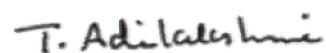


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Emotion driven speech transcriber ” being submitted by LOHITH KUMAR CHILUKURI, bearing 1602-22-733-021, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Contention Window Optimization ” being submitted by LOKESH NAIDU SP, bearing 1602-22-733-022, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Mood based poem generation and summarisation ” being submitted by MIDHUSH MEDICALA, bearing 1602-22-733-023, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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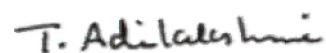


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Contention Window Optimization ” being submitted by MOHAMMAD ISMAEEL, bearing 1602-22-733-024, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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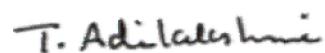


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Toxic Comment Classification ” being submitted by NAVADEEP, bearing 1602-22-733-026, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Home security system ” being submitted by NIHARIKA, bearing 1602-22-733-027, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Driven Meeting Summarization and Automation Action Planning” being submitted by K.OMKAR, bearing 1602-22-733-028, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Deep Fake Detection ” being submitted by P. PAVANI, bearing 1602-22-733-029, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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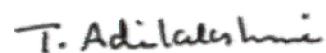


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Room Booking Chatbot” being submitted by K.PAWAN KALYAN, bearing 1602-22-733-030, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Driven Meeting Summarization and Automation Action Planning” being submitted by C PRANAV, bearing 1602-22-733-031, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Blockchain based Decentralised App for secure sharing of student credentials.” being submitted by K.PRANEETH, bearing 1602-22-733-032, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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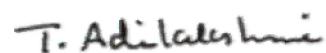


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Missing person Identification ” being submitted by SAKETH ADITHYA, bearing 1602-22-733-033, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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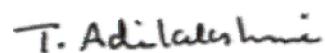


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Spam Detection in Movie Reviews ” being submitted by B.RAKESH, bearing 1602-22-733-034, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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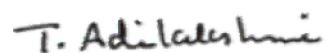


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Brain tumour semantic segmentation using u-net” being submitted by C.RASHMITHA, bearing 1602-22-733-036, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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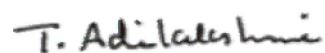


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This is to certify that the Theme-based project entitled “AI Farm Assist” being submitted by P.ROHAN SAI, bearing 1602-22-733-037, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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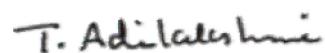


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Room Booking Chatbot” being submitted by K.ROHITH, bearing 1602-22-733-038, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI powered Library Management and Recommendation System” being submitted by RYAN GABRIEL, bearing 1602-22-733-039, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Air Quality index prediction ” being submitted by G.SAANVI, bearing 1602-22-733-040, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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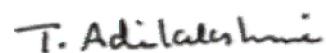


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This is to certify that the Theme-based project entitled “Home security system ” being submitted by AKSHITH, bearing 1602-22-733-041, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Resume Screening Application” being submitted by K. SAI CHARAN, bearing 1602-22-733-042, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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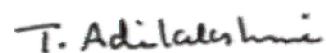


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Emotion driven speech transcriber ” being submitted by SAI KOWSHIK IMMANNENI, bearing 1602-22-733-043, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Cost sensitive payment fraud detection system ” being submitted by B.SAIPRIYA, bearing 1602-22-733-044, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Classification and Prediction of Diabetes Using Machine Learning Algorithms” being submitted by V. SAI SUDEEP REDDY, bearing 1602-22-733-045, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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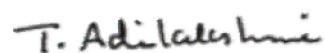


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Women Safety System” being submitted by D SAI THARUN, bearing 1602-22-733-046, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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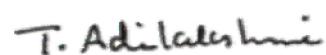


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Load balancing of Resources in Cloud Environment” being submitted by SAI VARSHITH, bearing 1602-22-733-047, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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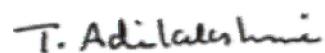


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Traffic Control and Vehicle Tracking” being submitted by C SAI CHARAN YADAV, bearing 1602-22-733-048, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered wildlife monitoring and intrusion detection system” being submitted by E.SANNIHITH, bearing 1602-22-733-049, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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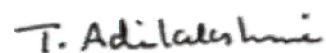


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Cognitive Load-Adaptive Driving Helmet” being submitted by SAYYAD QAMAR, bearing 1602-22-733-050, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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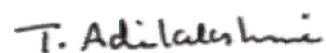


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Mood based poem generation and summarisation ” being submitted by KHARISHMA SHAIK, bearing 1602-22-733-051, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Face Recognition Login System” being submitted by SHAIK SAMEER ANWAR, bearing 1602-22-733-052, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Scheduling Workflows in Cloud using Teaching Learning Based Algorithm” being submitted by K.SIDDARTHA, bearing 1602-22-733-053, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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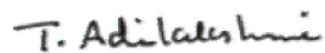


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Missing person Identification ” being submitted by SIRI SHARVANI A, bearing 1602-22-733-054, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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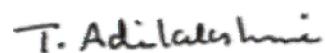


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Automatic fish feeding system” being submitted by T.SRUTHI, bearing 1602-22-733-055, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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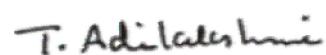


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Farm Assist” being submitted by M.SUNDER, bearing 1602-22-733-056, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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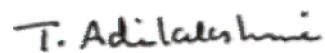


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Risk Analysis for Home Credit” being submitted by D.SWETHA, bearing 1602-22-733-057, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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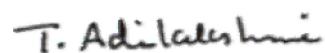


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Cloud Hosting Calculator” being submitted by SYED SAIF UDDIN, bearing 1602-22-733-058, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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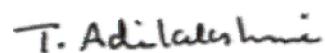


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Air Quality index prediction ” being submitted by S.THARUNI, bearing 1602-22-733-059, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Cloud Hosting Calculator” being submitted by VANSH DANDIA, bearing 1602-22-733-060, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI powered Library Management and Recommendation System” being submitted by SARATH KUMAR NVS, bearing 1602-22-733-061, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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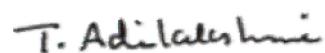


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Cognitive Load-Adaptive Driving Helmet” being submitted by B.VISHAL, bearing 1602-22-733-062, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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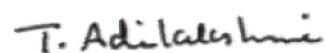


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Load balancing of Resources in Cloud Environment” being submitted by VYSHNAVI, bearing 1602-22-733-063, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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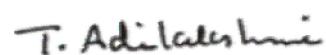


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “OMR Recognition System” being submitted by GURU YAMINI TELAGARI, bearing 1602-22-733-064, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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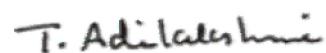


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Cost sensitive payment fraud detection system ” being submitted by K.ANUSHA, bearing 1602-22-733-301, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Syllabus-Based YouTube Video Recommendation System” being submitted by M.THILAK, bearing 1602-22-733-302, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered YouTube Video Summarizer & Learning” being submitted by K.SANKETH, bearing 1602-22-733-303, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Online voting system” being submitted by B.HARIKA, bearing 1602-22-733-304, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Online voting system” being submitted by T.DIVYA, bearing 1602-22-733-305, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Syllabus-Based YouTube Video Recommendation System” being submitted by B.SRIKANTH, bearing 1602-22-733-306, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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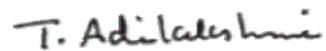


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Browser Extension for Detecting Unsafe URLs” being submitted by MADIKONDA. ABHINASH RAO, bearing 1602-22-733-065, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Graphical Password Authentication” being submitted by ADLA. AISHWARYA, bearing 1602-22-733-066, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Mock Interview ” being submitted by BANAVATH. AKSHARA, bearing 1602-22-733-067, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Stock price Prediction” being submitted by BANALA. AKSHITH, bearing 1602-22-733-068, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “AI based Customer care caller” being submitted by AMTUL. KAREEM MADIHA, bearing 1602-22-733-069, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI voice assistant” being submitted by P. ANVESH KUMAR REDDY, bearing 1602-22-733-070, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Mock Interview ” being submitted by MUKKA. APARNA, bearing 1602-22-733-071, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Colourizing Old B&W Images” being submitted by MASKU. ARAVIND, bearing 1602-22-733-072, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “PersonaScan” being submitted by NAGARAM. ARCHANA, bearing 1602-22-733-073, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Colourizing Old B&W Images” being submitted by KOTRA. BALA PRABHAS, bearing 1602-22-733-074, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Crime prediction” being submitted by BODDUPALLY. BHANU KIRAN, bearing 1602-22-733-075, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Stock price Prediction” being submitted by KOTLA. BHANU PRAKASH REDDY, bearing 1602-22-733-076, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Supply chain tracking system ” being submitted by KOTHARI. BHARGAVA JAISIMHA, bearing 1602-22-733-077, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Chatbot” being submitted by MADDIKATLA. CHAITANYA, bearing 1602-22-733-078, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Automated product information extraction using ML” being submitted by CHILIVERI. CHANDANA, bearing 1602-22-733-079, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI Chatbot” being submitted by VANAPALLI. DARPAD SAI, bearing 1602-22-733-080, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Pothole detection” being submitted by MANDHADI. DEEKSHITHA REDDY, bearing 1602-22-733-081, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Redefining Elections: The Secure Digital Future for Senior Citizens” being submitted by K. DHEEKSHA, bearing 1602-22-733-082, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Campus Craze ” being submitted by PAJJURI. EASHWAR, bearing 1602-22-733-083, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Graphical Password Authentication” being submitted by HANEESHA. KOLLURI, bearing 1602-22-733-084, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Text summarizer” being submitted by A. HARI PUSHYA MITHRA, bearing 1602-22-733-085, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Smart Parking System” being submitted by HAROON. RASHID KUMBAY, bearing 1602-22-733-086, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Text summarizer” being submitted by ALLAMBAI. HARSHAVARDHAN REDDY, bearing 1602-22-733-087, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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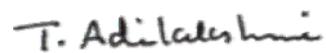


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Threat Prediction System using Temporal Convolutional Network” being submitted by HARSHITHA. PALLAPOLU, bearing 1602-22-733-088, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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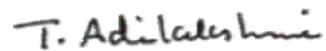


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Quantum Cryptanalysis: Evaluating Post-Quantum Encryption Algorithms Against Real-World Attacks” being submitted by BOLLEPALLI. HEMANTH RAJU, bearing 1602-22-733-089, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Blood bank management system” being submitted by ADULLA. KALYAN DEEP, bearing 1602-22-733-090, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled "Campus Craze" being submitted by GUNTIPELLY. KARTHIK, bearing 1602-22-733-091, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Pothole detection” being submitted by GOLI. KIRANMAI, bearing 1602-22-733-092, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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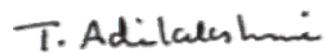


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This is to certify that the Theme-based project entitled “Accident monitoring and Security system” being submitted by DONTHARAJU. KRISHNA HASITHA, bearing 1602-22-733-093, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Intrusion detection System using Suricata” being submitted by KSHITIJ. KUMAR SONA, bearing 1602-22-733-094, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “AI based Customer care caller” being submitted by LIKITHA. VUDHARI, bearing 1602-22-733-095, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Secured Chat application ” being submitted by KUNTA. MANI SAI, bearing 1602-22-733-096, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “AI-powered traffic flow optimization” being submitted by VANTERU. MEGHANA REDDY, bearing 1602-22-733-097, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Secured Chat application ” being submitted by MOHAMMAD. ASHRAF PASHA, bearing 1602-22-733-098, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Email Scam detection ” being submitted by MOHAMMED. AZHAN SABEEL, bearing 1602-22-733-099, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Blood bank management system” being submitted by MOHAMMED. SAMI PARVEZ, bearing 1602-22-733-100, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Browser Extension for Detecting Unsafe URLs” being submitted by KOTA. NAGA SAI DHANUSH, bearing 1602-22-733-101, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Intrusion detection System using Suricata” being submitted by NAIDU. SWAMI, bearing 1602-22-733-102, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-Powered Travel Itinerary Generator” being submitted by NIKHILA. REDDY MURIKINATI, bearing 1602-22-733-103, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Supply chain tracking system ” being submitted by VAYUVEGULA. NITIN MAHADEV, bearing 1602-22-733-104, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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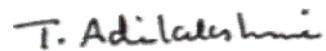


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Threat Prediction System using Temporal Convolutional Network” being submitted by MADDARAPU. PAVAN DURGA NIVAS, bearing 1602-22-733-105, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Content suggestion based on customer data” being submitted by PAVAN. KUMAR YARA, bearing 1602-22-733-106, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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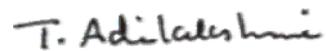


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This is to certify that the Theme-based project entitled “ENABLING AUTHORIZED ENCRYPTED SEARCH FOR MULTIAUTHORITY MEDICAL DATABASES” being submitted by ADEPU. PREETHAM, bearing 1602-22-733-107, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “ENABLING AUTHORIZED ENCRYPTED SEARCH FOR MULTIAUTHORITY MEDICAL DATABASES” being submitted by DAMMALAPATI. PREETHI RAJ, bearing 1602-22-733-108, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Decentralized Identity Management System” being submitted by PREKSHA. DHONGADE, bearing 1602-22-733-109, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Decentralized Identity Management System” being submitted by KOLANU. RAKESH, bearing 1602-22-733-110, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “image captioning” being submitted by KONDAGORLA. RAVITEJA, bearing 1602-22-733-111, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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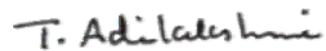


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Content suggestion based on customer data” being submitted by LAKKARSU. ROSHAN VARMA, bearing 1602-22-733-112, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Learning assistant” being submitted by KONINTI. SAI NIKITA, bearing 1602-22-733-113, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled "image captioning" being submitted by PAIDI. SAI SURYA GUPTA, bearing 1602-22-733-114, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “AI-powered traffic flow optimization” being submitted by SUNKARA. SAI SUSHANTH REDDY, bearing 1602-22-733-115, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI-powered traffic flow optimization” being submitted by BUSA. SAI TEJA, bearing 1602-22-733-116, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “PersonaScan” being submitted by KETHIREDDY. SAISHRUTHI, bearing 1602-22-733-117, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI voice assistant” being submitted by THATIKONDA. SATHWIK, bearing 1602-22-733-118, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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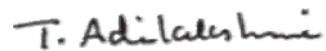


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Quantum Cryptanalysis: Evaluating Post-Quantum Encryption Algorithms Against Real-World Attacks” being submitted by ANUGU. SHIVA RAMA KRISHNA, bearing 1602-22-733-119, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Redefining Elections: The Secure Digital Future for Senior Citizens” being submitted by N. SOWMYA, bearing 1602-22-733-120, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Email Scam detection ” being submitted by DANTHOJU. SREE CHARAN, bearing 1602-22-733-121, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled "Psychotherapy chatbot" being submitted by KUNTA. SREE SAI CHANDANA, bearing 1602-22-733-122, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI chatbot for college suggestions ” being submitted by GUTHA. SRISHANTH REDDY, bearing 1602-22-733-123, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “AI chatbot for college suggestions ” being submitted by NARNE. SUJITH, bearing 1602-22-733-124, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Psychotherapy chatbot ” being submitted by SIRANGI. SUSHANK, bearing 1602-22-733-125, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Deep Reinforcement learning algorithm for contention window” being submitted by PULLURU. SWAPNIKA SRIVALLY, bearing 1602-22-733-126, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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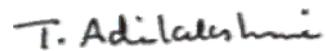


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled "Deep Reinforcement learning algorithm for contention window" being submitted by NALUMACHU. VAISHNAVI, bearing 1602-22-733-127, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “IPL Win probability prediction ” being submitted by GANNA. VISHNU SAI, bearing 1602-22-733-128, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

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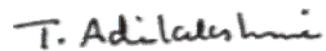


**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Automated product information extraction using ML” being submitted by PANNALA. RISHIKA REDDY, bearing 1602-22-733-307, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “IPL Win probability prediction ” being submitted by PEDDAKULA. RAJESH, bearing 1602-22-733-308, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “crime prediction” being submitted by JADALA. ARAVIND, bearing 1602-22-733-309, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Fake product review detection ” being submitted by K. RUPA, bearing 1602-22-733-310, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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**BONAFIDE CERTIFICATE**

This is to certify that the Theme-based project entitled “Fake product review detection ” being submitted by ANDE. ANUPAMA, bearing 1602-22-733-311, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Accident monitoring and Security system” being submitted by KETHAVATH. SRIDEVI, bearing 1602-22-733-312, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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This is to certify that the Theme-based project entitled “Learning assistant” being submitted by MARAGONI. SENIGTHA, bearing 1602-22-733-313, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



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