Cisco Systems (India) Private Limited
SEZ, Cessna Business Park,
Sarjapur Marathalli Outer Ring Road
Bengaluru - 560 103, India
CIN: U31909KA1995PTC019505
Tel : 91-80-4426 0000
Fax : 91-80-4426 4040

01 July 2022

To Whom It May Concern:

Dear Sir/Madam,

Internship Completion Letter

This is to confirm that P Bhashitha Reddy, was an Intern with Cisco Systems from 02 February 2022 until 01 July 2022.

P Bhashitha Reddy, held the position of COLLEGE INTERN.TECH UNDERGRAD.

During the internship, P Bhashitha worked on the project under the guidance of Rishi Jhawar.

If you have any questions, please contact People Support on 000 800 040 2244 (India) or +1 408 906 1477 (Outside India).

Yours Sincerely,



Rashmi Naik
People Shared Services Specialist
Authorized Signatory
Cisco Systems (India) Private Limited

AT&T Communication Services India Pvt. Ltd.
13th Floor, Mohan Dev House, 13 Tolstoy Marg,
New Delhi - 110001, India

CIN: U64203DL1996PTC078375

Tel: 91. 11.42408774
Fax: 91. 11.42408775
91. 11.42408774
www.ap.att.com

June 29, 2022

Certificate of Internship

This is to certify that **Gautam Varma Kucharlapati,** a student of B. Tech, CSE in Vasavi College of Engineering, Ibrahimbagh, Hyderabad was selected on campus for attending internship at **AT&T Communication Services India Pvt. Ltd.** He has since attended the internship from **07 Mar 2022** to **28 Jun 2022**. During this internship he was attached to our Consumer Tech Platforms CMPM BU at our Hyderabad office and has been provided exposure to and training in Efficiency Team: QA, Selenium, Java and Spring boot.

During this student internship, the performance of **Gautam Varma Kucharlapati** was Good and he fulfilled the project objectives. We wish him good luck in his future endeavors.

For **AT&T Communication Services India Pvt. Ltd.**

Praveen Kumar Maradana
Praveen Kumar Maradana (Jun 29, 2022 22:26 GMT+5.5)

Praveen Kumar Maradana
Manager, Information Mgt
Internship Supervisor

PRAGATHI KUMAR ACHANTA
Digitally signed by PRAGATHI KUMAR ACHANTA
Date: 2022.06.29 17:54:48 +05'30'

Pragathi Kumar Achanta
Director, Human Resources

GAUTAM VARMA KUCHARLAPATI
GAUTAM VARMA KUCHARLAPATI (Jun 30, 2022 14:42 GMT+5.5)

ACCOLITE DIGITAL
Transforming The Future, Now

TO WHOMSOEVER IT MAY CONCERN

Date: 27/June/2022

This is to certify that **Ms. Gorantla Gowthami Reddy,** pursuing her Bachelor's in Computer Science and Engineering at Vasavi College of Engineering, Hyderabad is engaged as an intern at **Accolite Digital India Private Limited, Hyderabad**. The current internship period is from 14th February 2022 to 31st August 2022.

Warm Regards,

Milind Mutalik
Head HR - Employee Experience
Accolite Digital India Pvt. Ltd

Signature G. Gowthamy

Oracle Solution Services
(India) Private Limited

Prestige Tech Park
2C, Venus Block
Level 6 to 8, Survey No. 29
Marathalli Sarjapur Ring Road
Bangalore - 560 103, India

CIN: U72900KA1995PTC018327
Phone +91 80 4029 6000
Fax +91 80 4029 6475

Private & Confidential

Ref: Oracle-Interns- 1542106

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

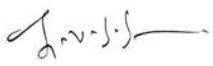
This is to certify that Ms.Ravi Tejaswini Perepi**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed her project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.She worked on "Oracle Utilities Customer To Meter (C2M), MTM, CnP and OUAF"

We wish her all the best in her future endeavours.

Yours sincerely

For Oracle Solution Services (India) Private Limited.



Ganti V S Sarma
Director – HR Operations

Oracle India Pvt. Ltd.
India Development Center

Oracle Technology Park
3, Bannerghatta Park
Bangaluru - 560 029

CIN: U74899DL1993PTC051764
Phone +91 80 4107 0000
Fax +91 80 2552 6124

Private & Confidential

Ref: Oracle-Interns- 1539704

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.Sai Sreevalli Keerti Kopalle**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed her project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.She worked on "Oracle Utilities Customer Experience APIs"

We wish her all the best in her future endeavours.

Yours sincerely

For Oracle India Private Limited.

Rambabu Jagatha
Director – HR Operations

STRICTLY PRIVATE AND CONFIDENTIAL

July 28, 2022

Internship Certificate

This is to certify that **Sai Suhrut Sala** worked as an intern in our organization/company FactSet Systems India Pvt Ltd from **4-Jan-2022** to **31-May-2022**. Sai has been worked as inidividual contributor in one of our application "Job Status Monitoring System".Most of the functionality delivered by him.His role is Individual contributor and Responsibilities are Coding,Writing test cases, Managing backend database, Exposing endpoints.The work assigned to him/her during internship in our organization was found to be satisfactory.

For FactSet Systems India Private Limited,



Authorized Signatory
Human Resources

FactSet Systems India Private Limited 7th Floor, Block#4, Divyasree NSL Orion Infrastructure Pvt. Ltd. SEZ,
@Hyderabad survey No.66/1, Raidurg Village, Serilingampally Mandal, Ranga Reddy Dt. Hyderabad – 500 032 Telangana India
T 91.4044557000 F 91.4044557001 CIN # U72900AP2007PTC068441

tutorialspoint
SIMPLY EASY LEARNING

contact@tutorialspoint.com
www.tutorialspoint.com

Tutorials Point (India) Private Limited,
Incor 9 Building, 4th Floor, Kavuri Hills,
Above DMart, Madhapur, Hyderabad,
Telangana, India-500081

15th Jul'2022,
Hyderabad.

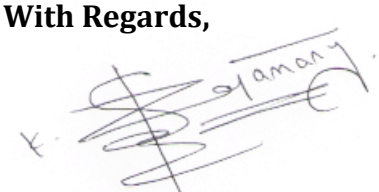
TO WHOMSOEVER IT MAY CONCERN

Subject: Certificate for Internship – Tutorials Point (India) Private Limited

This is to certify that; **Mr. Satyendra Deversetti** is associated as an **Intern (Software Engineer)** with **Tutorials Point (India) Private Limited.** During his internship, he has developed text based content on **HTML Canvas library,** and **SciPy Function modules** along with an in-house project "**Online Image Editor"** using **HTML5 Canvas,** and **Java Script**. And the duration of this project is of five months i.e., from 01st of Feb'2022 to 30th of Jun'2022.

This letter is a token of appreciation for the hard-work, which he has put in delivering and in successful completion of this project.

With Regards,



K. Rajamani Kanteswar Rao,
CFO & Manager-HR,
Tutorials Point (India) Private Limited

ENERGYTECH GLOBAL

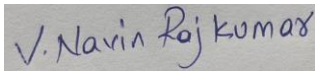
ENERGYTECH GLOBAL PVT LTD
Module No.404, 4th Floor, EMDBP Buliding,
NSIC Marketing-cum-Business Park,
Kushaiguda, Hyderabad, TG 500062 IN

Date: 28th Nov 2022

TO WHOM IT MAY CONCERN

This is to certify that **Sumanth Reddy Bontha**, a student at **Vasavi College of Engineering** (CSE) has completed the Internship Program from (**01/02/2022** to **10/06/2022**) at EnergyTech Global Private Limited. During this period of internship, he was found to be punctual, very hard-working, and inquisitive

PROJECT GUIDE:



Mr. Valabhoju Navin Rajkumar
(Senior Software Consultant)
(EnergyTech Global)

For EnergyTech Global Pvt. Ltd.



Usha Gayathri Sattiraju
HR Manager
Place: Hyderabad
Date: 28th Nov 2022

Oracle India Pvt. Ltd.
India Development Center

Oracle Technology Park
3, Bannerghatta Park
Bangaluru - 560 029

CIN: U74899DL1993PTC051764
Phone +91 80 4107 0000
Fax +91 80 2552 6124

Private & Confidential

Ref: Oracle-Interns- 1544644

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Syed Mahboob Ali**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed his project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.He worked on "Syed worked in the analytics product development team for Analytics Warehouse product. During his internship he focused on multiple things like certification of various source applications for the latest product release, ETL development work as part of th"

We wish him all the best in his future endeavours.

Yours sincerely

For Oracle India Private Limited.



Rambabu Jagatha
Director – HR Operations

amazon | Development Centre India

9th Jul 2022

TO WHOMSOEVER IT MAY CONCERN

Sub: Internship of Venkata Lakshmi Likhita Amara at Amazon India ,HYDERABAD

This is to certify that **Venkata Lakshmi Likhita Amara** a student of **Vasavi College of Engineering** has completed her internship with **Amazon Development Centre India Pvt. Ltd.** from **07-Feb-2022** to **24-Jun-2022**

The Project was titled **Aggregated Invoicing Dead Letter Queue Replay Tool Migration** and assigned by **Aggregated Invoicing Services** team under the guidance of **Darshan Jain.** She has successfully completed all the requirements of the project.

We wish her the very best in her future endeavors.

Signature Not Verified
Digitally signed by DS AMAZON DEVELOPMENT CENTRE (INDIA) PRIVATE LIMITED(1)
Date: 2022.07.09 15:08:42 IST
Location: Bengaluru

Regards,

For Amazon Development Centre India Pvt. Ltd.

Oracle Solution Services
(India) Private Limited

Prestige Tech Park
2C, Venus Block
Level 6 to 8, Survey No. 29
Marathalli Sarjapur Ring Road
Bangalore - 560 103, India

CIN: U72900KA1995PTC018327
Phone +91 80 4029 6000
Fax +91 80 4029 6475

Private & Confidential

Ref: Oracle-Interns- 1541538

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

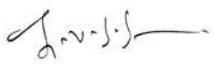
This is to certify that Ms.Vyshnavi Lahari Thota**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed her project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.She worked on "Oracle Utilities Customer To Meter (C2M), MTM, CnP and OUAF"

We wish her all the best in her future endeavours.

Yours sincerely

For Oracle Solution Services (India) Private Limited.



Ganti V S Sarma
Director – HR Operations

ACCOLITE DIGITAL
Transforming The Future, Now

TO WHOMSOEVER IT MAY CONCERN

Date: 23/June/2022

This is to certify that **Ms. Recherla Anishka,** pursuing her Bachelor's in Computer Science and Engineering at Vasavi College of Engineering, Hyderabad is engaged as an intern at **Accolite Digital India Private Limited, Hyderabad**. The current internship period is from 14th February 2022 to 31st August 2022.

Warm Regards,

Milind Mutalik
Head HR - Employee Experience
Accolite Digital India Pvt. Ltd

Signature Anishka

STRICTLY PRIVATE AND CONFIDENTIAL

August 02, 2022

WHOMSOEVER IT MAY CONCERN

This is to certify that **Eshwar Pittala** of Vasavi College of Engineering, Hyderabad has successfully completed internship with FactSet Systems India Pvt Ltd, from **4-Jan-2022** to **31-May-2022**

Project Title - AWS Cost Optimization

The company wishes him success in his future endeavors.

For FactSet Systems India Pvt. Ltd,



Naveen James
Human Resources

Oracle India Pvt. Ltd.
India Development Center

Oracle Technology Park
3, Bannerghatta Park
Bangaluru - 560 029

CIN: U74899DL1993PTC051764
Phone +91 80 4107 0000
Fax +91 80 2552 6124

Private & Confidential

Ref: Oracle-Interns- 1541884

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Karthik Reddy J**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed his project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.He worked on "Oracle Utilities Work and Asset Management"

We wish him all the best in his future endeavours.

Yours sincerely

For Oracle India Private Limited.

Rambabu Jagatha
Director – HR Operations

Date: June 9, 2022

To Whom It May Concern

SUB: Internship Completion with our organization

This is to state that Ms. Keerthi Priya Veesam has been an intern with us from January 24, 2022 to May 27, 2022. We wish her success in her future career endeavours.

Thanking you,

Yours truly,

Ananda Kishore Roy
Director

Received and Accepted:



keerthipriyaa3@gmail.com

Keerthi Priya Veesam
09th June, 2022

Oracle India Pvt. Ltd.
India Development Center

Oracle Technology Park
3, Bannerghatta Park
Bangaluru - 560 029

CIN: U74899DL1993PTC051764
Phone +91 80 4107 0000
Fax +91 80 2552 6124

Private & Confidential

Ref: Oracle-Interns- 1542437

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.Kruthi Dasari**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed her project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.She worked on "Unifier"

We wish her all the best in her future endeavours.

Yours sincerely

For Oracle India Private Limited.



Rambabu Jagatha
Director – HR Operations

ACCOLITE DIGITAL
Transforming The Future. Now

TO WHOMSOEVER IT MAY CONCERN

Date: 23/June/2022

This is to certify that **Ms. Meghana Ganapa,** pursuing her Bachelor's in Computer Science and Engineering at Vasavi College of Engineering, Hyderabad is engaged as an intern at **Accolite Digital India Private Limited, Hyderabad**. The current internship period is from 14th February 2022 to 31st August 2022.

Warm Regards,

Milind Mutalik
Head HR - Employee Experience
Accolite Digital India Pvt. Ltd

Signature Meghana

NCR Corporation India Pvt. Ltd.
2nd Floor, Western Aqua
Plot No. 1,2,3 and 4/Part, Survey No.8
Kondapur Village, Serilingampally
Mandal, and Municipality Hyderabad 500084
Ranga Reddy District,Telangana India
Tel: +91-40-6811 1112
www.ncr.com

June 17th, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Preetham Mandadi** is currently pursuing **his** internship and training program in our company from January 17th, 2022.

He is doing **his** internship in Software Development and as part of internship he/she has contributed towards Hospitality team requirement.

Preetham Mandadi is an enthusiastic team member, and we wish **him** all the best in future.

Yours faithfully,

Swetha Kuchimanchi

HR Specialist

NCR CORPORATION INDIA PVT. LTD.

Cisco Systems (India) Private Limited
SEZ, Cessna Business Park,
Sarjapur Marathalli Outer Ring Road
Bengaluru - 560 103, India
CIN: U31909KA1995PTC019505
Tel : 91-80-4426 0000
Fax : 91-80-4426 4040

01 July 2022

To Whom It May Concern:

Dear Sir/Madam,

Internship Completion Letter

This is to confirm that Saad Shaik, was an Intern with Cisco Systems from 02 February 2022 until 01 July 2022.

Saad Shaik, held the position of COLLEGE INTERN.TECH UNDERGRAD.

During the internship, Saad worked on the project under the guidance of Rishi Jhawar.

If you have any questions, please contact People Support on 000 800 040 2244 (India) or +1 408 906 1477 (Outside India).

Yours Sincerely,



Rashmi Naik
People Shared Services Specialist
Authorized Signatory
Cisco Systems (India) Private Limited

ServiceNow

www.servicenow.com

ServiceNow Software Development India Pvt. Ltd.

Parcel 3, Knowledge City, 7th Floor & 8th Floor, Plot #2, Phase - 1, Survey #83/1, Raidurg Village, Serilingampally Mandal, Rangareddy Dist. Hyderabad-500081, Telangana, India

Tel +91 (40) 6629 4700

CIN U72900AP2014FTC092162

=

Monday, August 8, 2022

Dear Sai Suman Chitturi

Completion of Internship with ServiceNow

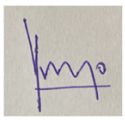
This letter is to confirm that you have completed an internship with ServiceNow as **Software Development Intern** from

13-Sep-2021 to 31- Dec-2021

We wish you all the very best in your future endeavours.

For ServiceNow Software Development India Private Limited

Yours sincerely,



ILANGO A P
Director, India HR

Congratulations!!

1 message

ETG HR Team <ind.hr@thecollective.energy> Mon, 6 Jun 2022 at 7:04 pm
To: ETG-HR <ind.hr@thecollective.energy>
Cc: D-IN-ACCOUNTS <ind.accounts@thecollective.energy>
Bcc: srujankumar.gangaram@thecollective.energy

Hi All,

Congratulations on completing your internship with EnergyTech Global. Following an internal assessment by the EnergyTech HR team, we are happy to announce that we are changing your employment status with EnergyTech Global from intern to full-time effective **20th June 2022.**

Also, please note that we will complete the joining formalities (hard copies of Appointment Letter/Agreement/Account opening, etc.) on the first day. You can expect the email from our HRIS system requesting you to fill in the details as asked in the email.

Please note your internship will end on **10th June 2022**, and because of compliance purposes, we will be paying the internship stipend until **10th June 2022.**

If you have any questions, please feel free to email or reach out to the HR Team, and we will be more than happy to help you.

We are looking forward to working with you and seeing you achieve great things!

Regards

HR Team



EnergyTech Global
NSIC Business Park,
Module No: 404, EMDBP Building,
ECIL P.O, Hyderabad - 500062
Web: http://www.energytech-global.com/

TO WHOMSOEVER IT MAY CONCERN

SERVICE CUM RELIEVING CERTIFICATE

This is to certify that Vankudothu Vaishnavi has worked in our Organization from 24-01-2022 to 10-05-2022 as "Software Engineer Intern". She has been relieved from her services with effect from 10-05-2022.

During her tenure with us, she was sincere in her work and her conduct and character were found to be good.

We wish her all the best in his future endeavors.

For AasPaas Online Services Private Limited



Narendra Yadala
Director
Date: 10-05-2022

ServiceNow
www.servicenow.com

ServiceNow Software Development India Pvt. Ltd.
Parcel 3, Knowledge City, 7th Floor & 8th Floor, Plot #2, Phase - 1, Survey #83/1, Raidurg Village, Serilingampally Mandal, Rangareddy Dist. Hyderabad-500081, Telangana, India

Tel +91 (40) 6629 4700
CIN U72900AP2014FTC092162

02 Mar 2022

TO WHOM IT MAY CONCERN

This is to certify that **Kapila Praneeth (25519)** was employed with us from **13 Sep 2021 to 31 Dec 2021. Kapila Praneeth's** role at the time of leaving ServiceNow was **Software Development intern.**

Yours sincerely,

Ilango A P

ILANGO A P
Director, India HR
For **ServiceNow Software Development India Private Limited**

For queries concerning the above information, please contact
globaltalentss.apj@servicenow.com

Oracle India Pvt. Ltd.
India Development Center

Oracle Technology Park
3, Bannerghatta Park
Bangaluru - 560 029

CIN: U74899DL1993PTC051764
Phone +91 80 4107 0000
Fax +91 80 2552 6124

Private & Confidential

Ref: Oracle-Interns- 1540353

20th July 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Vishnu Teja Valusa**,** student of Vasavi College of Engineering(Pursuing Bachelor of Engineering). has completed his project with Oracle India Private Limited.

The project was undertaken from 12-Jan-2022 to 08-Jul-2022.He worked on "CAGBU Order Orchestration Operations User Experience"

We wish him all the best in his future endeavours.

Yours sincerely

For Oracle India Private Limited.

Rambabu Jagatha
Director – HR Operations

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 '**MIGRATION OF APPLICATION FROM CLOUD NATIVE TO ORACLE CLOUD INFRASTRUCTURE**' being submitted by **R ABHINAV REDDY,** bearing **1602-18-733-001,** 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.

3/oct/2022

Dr. D. Baswaraj ,
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 **"CHANGE IMPACT ANALYSIS FOR EVALUATING JAVA AND PYTHON APPLICATIONS USING PYTHON"** being submitted by **M.Abhinaya, K. Bhargavi** bearing roll number **1602-18-733-002, 1602-18-733-012**, 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. Jalaja,
Assistant 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 **INTEGRATIONS AND ROUTER** being submitted by **ABHISHEK MARRIVAGU** bearing **1602-18-733-003,** 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.

4/6/22

DR. D. BASWARAJ
Internal Guide

T. Adilakshmi

Dr. T. Adilakshmi
HOD, 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 **"Product Arena"** being submitted by **N. Aditya,** bearing hall ticket number, **1602-18-733-004,** 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 under my guidance.

3/6/22

Dr. D. Basawaraj,

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 **" Dream House"** being submitted by **Ricky Pal Dhandu & Akshay Siddamshetty ,** bearing **1602-18-733-037 & 1602-18-733-005,** 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,

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 MASK DETECTION AND TEMPERATURE SCANNING"** is being submitted by **P. Amulya Olivia & G. Ashmitha**, bearing **1602-18-733-006 & 1602-18-733-008**, 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.

M. Anusha,

Assistant 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 **PLANT DISEASE IDENTIFICATION** being submitted by **G. ANVITHA REDDY, NANDINI,** bearing **1602-18-733-007, 1602-18-733-304,** 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.

C.GIREESH,
Assistant Professor,
Internal Guide

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

Vasavi College of Engineering (Autonomous)

(Affiliated to Osmania University)

Ibrahimbagh, Hyderabad-31

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **"CIA Tool using Python and mypy for Python"** being submitted by P Benny Joseph and K Gautam Varma, bearing roll numbers **1602-18-733-010** and **1602-18-733-018**, 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 **"Appraisal Chat bot"** being submitted by **CH. Bhanu Prasad,** bearing **1602-18-733-011,** 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.

V Sireesha

Dr. V. Sireesha,
Associate Professor
Internal Guide

T. Adilakshmi

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 **"Lung Cancer Detection using Image Processing and Machine Learning"** being submitted by **Bhavya Isani** bearing **1602-18-733-014,** 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.

T. Adilakshmi

Dr. K. Srinivas,
Associate Professor,
Internal Guide

Dr. T. Adilakshmi,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"SILVER BACK OFFICE"** being submitted by **Nelluru. Deepika,** bearing hall ticket number, **1602-18-733-015,** 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. K. Srinivas,
Associate Professor,
Internal Guide.

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

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Department of Computer Science & Engineering



BONAFIED CERTIFICATE

This is to certify that the project entitled **"Detection Fake News with Python and Machine Learning"** being submitted by **Eleti Dhanush,** bearing **1602-18-733-016,** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafied work carried out by him/her under my guidance.

K. Srividya,
Assistant Professor,
Internal Guide,

T. Adilakshmi

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 **"Covid-19 Detection on medical images using Deep Learning"** being submitted by **S. Divya,** bearing **1602-18-733-017,** 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. Adilakshmi

Dr. T. Adilakshmi,
Professor & HOD,
Internal Guide.

T. Adilakshmi

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"DIGITAL BANKING: INTERFACES ON CLOUD"** being submitted by **Kamidri Ghana Sree,** bearing hall ticket number, **1602-18-733-019,** 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 under my guidance.

Dr. K. Srinivas,
Associate Professor,
Internal Guide.

Dr.T.Adilakshmi,
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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **"HYPERSPECTRAL IMAGE CLASSIFICATION"** is being submitted by **M. Jyothirmai & P. Harshita,** bearing **1602-18-733-023 & 1602-18-733-021,** 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.

Dr.Nagaratna P Hegde
Professor
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 **"Product Arena"** being submitted by **T. Hemanth Reddy,** bearing hall ticket number, **1602-18-733-022,** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him under my guidance.

Dr. D. Basawaraj,
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 **"MULTI-FACTOR AUTHENTICATION IN SERVICENOW PLATFORM"** being submitted by **KARTHIK KALITKAR,** bearing **1602-18-733-024,** 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.

Smt. T. Jalaja,
Assistant Professor,
Internal Guide

T. Adilakshmi

Dr. T. Adilakshmi,
Professor & HOD,
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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"CROP RECOMMENDER SYSTEM USING MACHINE LEARNING APPROACH"** is being submitted by **K. Keerthana & D. Sai Hashitha,** bearing **1602-18-733-025 & 1602-18-733-041,** 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 them under my guidance.

M. Anusha
Assistant Professor
Internal Guide,

T. Adilakshmi

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 **"Change Impact Analysis Tool"** being submitted by **Ch. Krishna Vamsi Anirudh & V. Sai Mathur,** bearing hall ticket number, **1602-18-733-026 & 1602-18-733-042,** 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.

T. Jaaja,
Assistant Professor,
Internal Guide.

T. Adilakshmi

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Dept. of CSE.

Vasavi College of Engineering (Autonomous)

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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"AMC SITE SOLUTION SOFTWARE FOR CINEMA TICKETS AND CONCESSIONS "** being submitted by **K.Madhuraj,** bearing hall ticket number, **1602-18-733-027,** 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. E.Shailaja,

Associate Professor,

Internal Guide.

T. Adilakshmi

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 **Human Resource Management** being submitted by **Sai Teja and Nikhil Sai** bearing **1602-18-733-045 and 1602-18-733-028 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. E. Shailaja
Associate Professor
Internal Guide

Dr. T. Adilakshmi
HOD, 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 **Customer Relationship Management Application** being submitted by A. Niteesh Reddy bearing **1602-18-733-029** 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 him under my guidance.

Dr. E. Shailaja
Associate Professor
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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 entitled **"HYPERSPECTRAL IMAGE CLASSIFICATION"** is being submitted by **K. Pavan Kumar & D. Sai Abhishiktha,** bearing **160218733-030 & 1602-18-733-039,** 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.

N P Hegde

Dr. Nagaratna P Hegde

Professor

Internal Guide

T. Adilakshmi

Dr. T. Adilakshmi,

Professor & HOD,

Dept of CSE

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"SERVICE BOT K22"** being submitted by **Prashastha Kovuri,** bearing **1602-18-733-031,** 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.

T. Adilakshmi

Dr. T. Adilakshmi
Professor & HOD
Internal Guide

T. Adilakshmi

Dr. T. Adilakshmi
Proffesor & 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 **"SENTIMENT ANALYSIS ON TWEETS USING MACHINE LEARNING ALGORITHMS"** being submitted by **Ch. Rama Tejaswini and M Sri Vaishnavi,** bearing **1602-18-733-032 and 1602-18-733-053,** 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. SATEESH KUMAR,
ASSISTANT PROFESSOR,

Internal Guide.
Dept. of CSE.

T. Adilakshmi

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

External Examiner

BONAFIDE CERTIFICATE

This is to certify that the project entitled **Rate Control Algorithm for wifi 6 Deployment** being submitted by **B.Ramya** and **M.Malathi**, bearing **1602-18-733-033 and 1602-18-733-305**, 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.Naishitha,
Assistant Professor,
Internal Guide.

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Department of Computer Science & Engineering



DEPARTMENT OF COMPUTER SCIRNCE ENGINEEERING

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS), HYDERABAD

CERTIFICATE

This is to certify that the Major Project work **"IMPROVED SJF FOR SCHEDULING WORKFLOES IN CLOUD"** is being submitted by **TASSAIN RASOOL MALIK** in partial fulfillment for the award of Bachelor of Engineering in Computer Science Department, Vasavi College of Engineering (Autonomous), Ibrahimbagh, Hyderabad - 500031 is a record of bonafide work carried out by them under our guidance.

Mr. S.Vinay Kumar 4/6/22

Project Guide

Dept. Of Computer Science & Engineering

T. Adilakshmi

Dr. T. Adilakshmi

Head of Department

Department Of Computer Science Engineering

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 **Chef Automate** being submitted by **M Sahithi and C. Sathvik Reddy** bearing **1602-18-733-038 and 1602-18-733-047** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Information Technology is a record of bonafide work carried out by them under my guidance.

B. Syamala
Assistant Professor
Internal Guide

T. Adilakshmi

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

Vasavi College of Engineering (Autonomous)

(Affiliated to Osmania University)

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **Sentimental Analysis on movie reviews using BERT,** being submitted **M. Sai Bhavya & P. Sri Deeksha,** bearing **1602-18-733-040 & 602-18-733-052,** 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. Adilakshmi

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

Dr. T. Adilakshmi,
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Hyderabad-500 031

Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the project entitled **"DEEP FAKE GENERATOR"** being submitted by **SHAIK RAFI (1602-18-733-049)** and **T. SUBHAS (1602-18-733-303)** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of Bonafede work carried out by him/her under my guidance.

T. Adilakshmi

Dr. Vijay Kumar Polepally,

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 **"Software Defined Network-Based Management for Enhanced 5G Network Services"** being submitted by **M. Shiva Ashwardh & K. Shiva Sai Venkat,** bearing **1602-18-733-050 & 1602-18-733-051,** 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.

M. Jithender Reddy,
Assistant Professor,
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 **'Kodem Law Firm Portal'** being submitted by **Vivek Reddy and Veda charitha ,** bearing **1602-18-733-060 and 1602-18-733-056,** 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.

I.Navakanth,
Assistant Professor,
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 **INN RELEASES** being submitted by **N. V. KIRAN REDDY,** bearing hall ticket number **1602-18-733-057,** 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 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)

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled "**Property Management Application in Salesforce Developer Platform**" being submitted by **Vikas Gaddam**, bearing hall ticket number, **1602-18-733-059,** 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

C. Gireesh,
Assistant Professor,
Internal Guide.

T. Adilakshmi

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 **"Pharma Management Using Node.js and MongoDB (MVC Architecture)"** being submitted by **Ch. Abhiram,** bearing hall ticket number, **1602-18-733-062** , **U. Jagannadha**, bearing hall ticket number **1602-18-733-077** and **P. Kushi Vardhan Reddy,** bearing hall ticket number, **1602-18-733-085** 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.

T. Adilakshmi

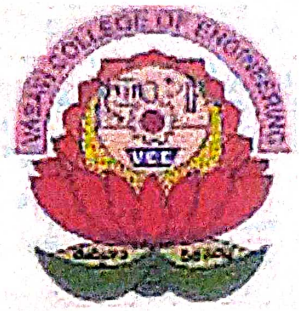
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Dept. of CSE.

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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"SALES INCENTIVE MANAGEMENT SYSTEM"** being submitted by **B. AKHIL** and **M. SAI RAJ** bearing **1602-18-733-063** and **1602-18-733-098,** 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. Samyuktha

Ms. P. Samyuktha,
Assistant Professor,
Internal Guide

T. Adilakshmi

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 **"Liver Disease Prediction"** being submitted by **AKHIL RATHOD, K. KOUMUDI RAJU, T. SUBHASH** bearing **1602-18-733-064, 1602-18-733-083, 1602-18-733-109** 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.

T. Adilakshmi

Ms. Komal Kour,

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 **"VIRTUAL ROOM TOUR"** being submitted by **M. AKHILA REDDY** and **AVS. VISHAL,** bearing **1602-18-733-065** and **1602-18-733-117,** 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.

T. Adilakshmi

Dr. NAGARATNA P. HEGDE,
Professor,
Internal Guide,

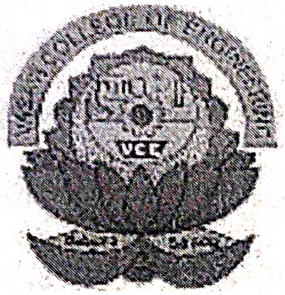
Dr. T. Adilakshmi,
Professor & HOD,
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Hyderabad-500 031

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **Rate Control with Spatial Reuse for Wifi6 Dense Deployments** being submitted by **K Akshitha Yadav and V Keerthi Priya,** bearing **1602-18-733-066** and **1602-18-733-082** 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 him/her under my guidance.

T Nishitha
Assistant Professor,
Internal Guide,

T. Adilakshmi

Dr. T.Adilakshmi,
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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 **"Automatic Essay Grading System"** being submitted by **ALEKHYA NARAVAJHULA** and **SAI HARITHA DULUGUNTI,** bearing **1602-18-733-067** and **1602-18-733-095** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

V. Sireesha

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

T. Adilakshmi

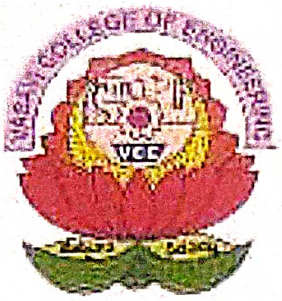
Dr. T. Adilakshmi,
Professor &HOD,
Dept. of CSE,

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 **"DISGUISED DETECTION OF IMAGES USING MACHINE LEARNING"** is being submitted by **ANISHA KOLLIPARA and NAVYA KONDURU,** bearing hall ticket numbers **1602-18-733-068** and **1602-18-733-310,** 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.

V. Sireesha

Dr. V. Sireesha,
Associate Professor,
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 project entitled **"Movie Recommendation System on Big Data"** being submitted by **T. Anuvik** and **L. Rahul,** bearing **1602-18-733-070** and **1602-18-733-089,** 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. Adilakshmi

Dr. T. Adilakshmi,

Professor & HOD,

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 project entitled **"Lung Cancer Prediction System"** being submitted by **Chandra Sravanthi Kaki, Jayaswini Tummala,** bearing **1602-18-733-071, 1602-18-733-079,** 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 him/her under my guidance.**

03/06/2022

Narsaiah Putta,
Assistant Professor .

T. Adilakshmi

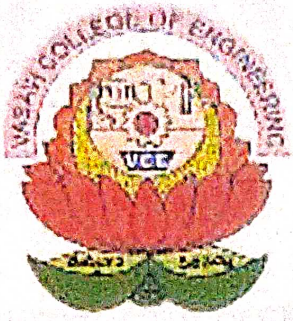
Dr. T. Adilakshmi,
Professor & HOD,
Dept. of CSE .

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 **"FUND TOOLS"** being submitted by **S. CHATURYA,** bearing **1602-18-733-072,** 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.K. Srinivas,
Associate Professor,
Internal Guide.

T. Adilakshmi

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 **"RESILIENCY UPLIFT FOR GSET WITH EXECUTION ALGO IN APAC"** being submitted by **M. CHETHAN,** bearing **1602-18-733-073,** 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,
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 **"DEVELOPER PORTAL"** being submitted by **P. GAUTHAM,** bearing **1602-18-733-075,** 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. Adilakshmi

Dr. P. Vijay Kumar Reddy,
Associate Professor,
Internal Guide,

External Guide,

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

Vasavi College of Engineering (Autonomous)

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **"CUSTOMER DATA SEGMENTATION USING K MEANS"** being submitted by **D. HARSHAVARDHAN REDDY** and **T. SATHVIKA,** bearing **1602-18-733-076** and **1602-18-733-102,** 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. Vijay Kumar Reddy
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 project entitled **"WORKFLOW PROCESSING SYSTEM"** being submitted by **Jaidev Sharma,** bearing **1602-18- 733-078,** 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.

M. Jithender
Asst. Professor,
Internal Guide,

External

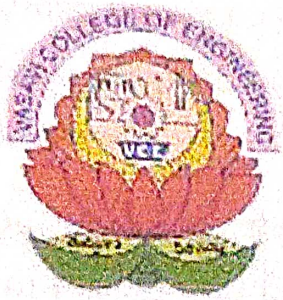
Dr. T. Adilakshmi,
Professor & HOD,
Dept. of CSE,

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 **'User-Centric Adaptive Clustering To Address Long Tail Problem in Music Recommendation Systems'** being submitted by **Keerthana Chinthala** and **B.Thanmayi Reddy,** bearing **1602-18-733-081** and **1602-18-733-114,** 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 M Sunitha,
Assistant Professor,
Internal Guide

T. Adilakshmi

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 **BOT CREATION AND LOG4J ASSESSMENT** being submitted by **CHAMBETI NAGAVENI,** bearing **1602-18-733-087,** 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.

Ms. B. Syamala,
Assistant Professor,
Internal Guide,

T. Adilakshmi

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 **" Dream House"** being submitted by **Rahul Siddartha ,** bearing 1602-18-733-090, 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. Komal Kaur ,
Assistant Professor,
Internal Guide,

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

Vasavi College of Engineering (Autonomous)

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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"Hurricane Path Prediction"** being submitted by **D. Rithika** and **P. Tejaswini,** bearing hall ticket numbers, **1602-18-733-091** and **1602-18-733-113,** 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 him/her under my guidance.

Dr. Vijay Kumar Polepally,
Associate Professor,
Internal Guide,

T. Adilakshmi

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

Vasavi College of Engineering (Autonomous)

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BONAFIDE CERTIFICATE

This is to certify that the project entitled **"RIT Broadband Project"** being submitted by **L. ROHITH SAI,** bearing 1602-18-733-092**,** 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 03/06/22

C. GIREESH,
Assistant Professor,
Internal Guide.

T. Adilakshmi

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

Vasavi College of Engineering (Autonomous)

(Affiliated to Osmania University)

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the project entitled "HAND GESTURE TO TEXT CONVERTER USING CNN" being submitted by **K.Tarun,** bearing hall ticket number **1602-18- 733-112** and **L.Sachin,** bearing hall ticket number **1602-18-733-094,** 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.

4/6/22

Dr.D.Baswaraj,
Professor,
Internal Guide

T. Adilakshmi

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

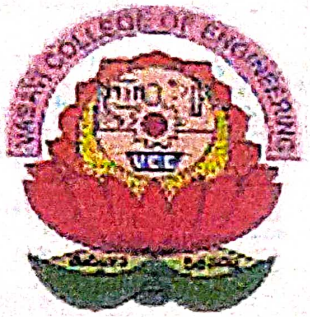
Vasavi College of Engineering (Autonomous)

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Hyderabad-500 031

Department of Computer Science and Engineering



BONAFIDE CERTIFICATE

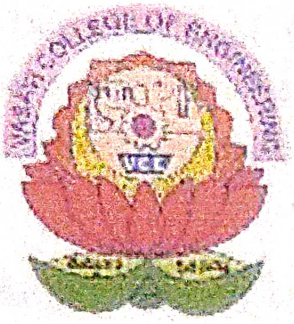
This is to certify that the project entitled "**Market Transaction Management- Philadelphia Gas Works**" being submitted by **P Sai Rohit,** bearing **1602-18-733-096** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science and Engineering is a record of bonafide work carried out by him under my guidance.

T. Adilakshmi

Dr K Srinivas
Associate Professor
Internal Guide

Dr. T. Adilakshmi
Professor and 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 **"NOTIFICATION INTEGRATION ON NOW PLATFORM"** being submitted by **D SAKETH KRISHNA,** bearing **1602-18-733-099** 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 under my guidance.

T. Adilakshmi

Dr. Nagaratna P Hegde
Professor
Internal Guide
Dept of CSE

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 **Detecting Cyber Attacks On Web Application** being submitted by **Siddani Sravani** and **Sana** bearing **1602-18-733-105** and **1602-18-733-100** 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. Nishitha,

Assistant 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 **"HEART DISEASE PREDICTION FROM ECG REPORTS"** being submitted by **SHIVANI VEMUGANTI and KANDULA SREEJA,** bearing **1602-18-733-103 and 1602-18-733-106,** 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 them under my guidance.

R. Sateesh Kumar,
Assistant Professor,
Internal Guide.

T. Adilakshmi

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 **"DEBIAN OS FOR VIRTUAL MACHINES"** being submitted by **B. SHRUTHI REDDY,** bearing **1602-18-733-104,** 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.

Ms. Karakanti Srividya,
Assistant Professor,
Internal Guide.

T. Adilakshmi

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 **"MAKING OUR OWN LINUX SHELL"** being submitted by **R. SRINIVAS** bearing **1602-18-733-107,** 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. K. Srinivas,
Associate Professor,
Internal Guide.

T. Adilakshmi

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 **"User Interface development for Live Topology feature of Oracle Communications Unified Inventory Management"** being submitted by **T. Sudhamsh Reddy,** bearing **1602-18-733-110,** 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 him under my guidance.

B. Syamala,
Assistant Professor,
Internal Guide.

T. Adilakshmi

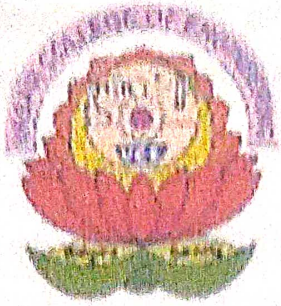
Dr. T. Adilakshmi,
Professor & HOD,
Dept. of CSE.

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 **"WORKFLOW SCHEDULING IN CLOUD COMPUTING"** being submitted by **ANUSHA.G, L. SUSHMA** bearing **1602-18-733-309, 1602-18-733-111** 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.

T. Adilakshmi

4/6/22

S. Vinay Kumar
Assistant Professor,
Dept. of CSE,
Internal Guide

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

Vasavi College of Engineering (Autonomous)

(Affiliated to Osmania University)

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the project entitled **Carex Hospitality Services** being submitted by **B. Vishnu and V. Vishwanath,** bearing **1602-18-733-118 and 1602-18-733-121** 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,
Assistant 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 **"AUTOMATIC NEWS SUMMARIZATION USING NLP"** being submitted by **P. VISHWACHAND, B. SUSHANTH,** bearing **1602-18-733-120, 1602-18-733-308,** 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 him/her under my guidance.

Dr. E. Shailaja
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 project entitled **"The Design of File Management"** being submitted by **Vishal Pandey (1602-18-733-301)** and **S.Shashank (1602-18-733-302)** 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 him/her under my guidance.

03/06/2022

Narsaiah Putta,

Assistant Professor,

Internal Guide.

T. Adilakshmi

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



BONAFIED CERTIFICATE

This is to certify that the project entitled "**Detection Fake News with Python and Machine Learning**" being submitted by **Sunthan Alekhya,** bearing **1602-18-733-306,** in partial fulfilment of the requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering is a record of bonafied work carried out by him/her under my guidance.

K. Srividya,
Assistant Professor,
Internal Guide,

T. Adilakshmi

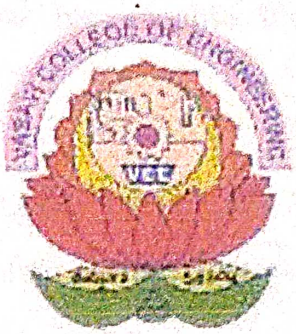
Dr. T. Adilakshmi,
Professor & HOD,
Dept. of CSE,

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 **"RESERVATION DISTRIBUTION SYSTEM"** is being submitted by **MEGHANA SURAPANENI,** bearing **1602-18-733-307,** 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 her under my guidance.

C. Gireesh,
Assistant Professor,
Internal Guide.

T. Adilakshmi

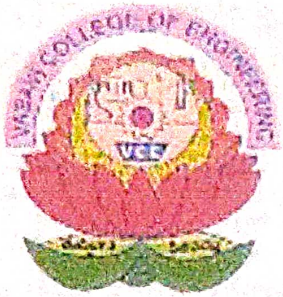
Dr. T. Adilakshmi,
Professor & HOD,
Dept. of CSE.

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 **"MAKING OUR OWN LINUX SHELL"** being submitted by **U. NIRUPAMVAS** bearing **1602-18-733-311,** 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. Adilakshmi

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

Dr. K. Srinivas,
Associate Professor,
Internal Guide.

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 **"PDF to Audio Converter Using Python"** being submitted by **Kaashifah Suha,** bearing **1602-18-733-312,** 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.

S. Komal Kour,

Assistant professor,

Internal Guide,

T. Adilakshmi

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 **"**Automatic Rotating SolarPanel Based on Sunlight**"** being submitted by V SreeSivaNagaSuryaPrakash, bearing 1602-19-733-049, 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.



B Syamala,
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 **"**Automatic Rotating SolarPanel Based on Sunlight**"** being submitted by Y Vishnu Vardhan, bearing 1602-19-733-061, 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.



B Syamala,
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 **"**Smart Baby Monitor**"** being submitted by P S K Pavan Kalyan, bearing 1602-19-733-050, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Baby Monitor**"** being submitted by Vyda Sriram, bearing 1602-19-733-052, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Dog-E martest Surveillance **"** being submitted by Sameeha Mubeen, bearing 1602-19-733-043, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Dog-E martest Surveillance **"** being submitted by Sharat Chandra MS, bearing 1602-19-733-044, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Heart Rate Monitor**"** being submitted by Juveria Amjad, bearing 1602-19-733-017, 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.

B Syamala,
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 **"**Heart Rate Monitor**"** being submitted by T Lasya Shree, bearing 1602-19-733-022, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Animal detection system**"** being submitted by Krishnapriya, bearing 1602-19-733-020, 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.



B Syamala,
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)

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Animal detection system**"** being submitted by Rajeev, bearing 1602-19-733-183, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Irrigation System**"** being submitted by Haradeep Mara, bearing 1602-19-733-015, 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.

B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Irrigation System**"** being submitted by Krishna Chitlangi, bearing 1602-19-733-019, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)

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

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Gas leakage detection**"** being submitted by K. Sri Krishna, bearing 1602-19-733-051, 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 **"**Gas leakage detection**"** being submitted by V. Varun, bearing 1602-19-733-057, 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 **"**Smart home automation**"** being submitted by P.Pranaya, bearing 1602-19-733-037, 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 **"**Smart home automation**"** being submitted by Ch.Sahithi, bearing 1602-19-733-040, 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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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**fire detection system**"** being submitted by P Akshay, bearing 1602-19-733-005, 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.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**fire detection system**"** being submitted by K Neeharika, bearing 1602-19-733-034, 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 **"**Social Health detection**"** being submitted by A.Mukesh, bearing 1602-19-733-032, 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 **"**Social Health detection**"** being submitted by B. Chaitanya, bearing 1602-19-733-012, 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 **"**Social Health detection**"** being submitted by M. Kartheek, bearing 1602-19-733-018, 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 **"**air quality monitoring system**"** being submitted by rahul k, bearing 1602-19-733-038, 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 **"**air quality monitoring system**"** being submitted by ruthwik, bearing 1602-19-733-039, 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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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Notice board**"** being submitted by p.saketh reddy, bearing 1602-19-733-042, 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 **"**Smart Notice board**"** being submitted by Vishal, bearing 1602-19-733-060, 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 **"**Pet feeder**"** being submitted by D.Akshith, bearing 1602-19-733-009, 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 **"**Pet feeder**"** being submitted by G.Akhil, bearing 1602-19-733-003, 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.



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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Home Automation using whatsapp on Raspberry Pi**"** being submitted by Adnan Abbas, bearing 1602-19-733-026, 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 Automation using whatsapp on Raspberry Pi**"** being submitted by Vinay Dhandaveni, bearing 1602-19-733-059, 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 **"**People counter for social distancing**"** being submitted by Ashritha, bearing 1602-19-733-010, 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 **"**People counter for social distancing**"** being submitted by Supritha, bearing 1602-19-733-053, 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 **"**Light Monitoring using G-Assistant **"** being submitted by Bhikshapathi K, bearing 1602-19-733-011, 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 **"**Light Monitoring using G-Assistant **"** being submitted by Naresh N, bearing 1602-19-733-033, 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 **"**Alcohol content detection and engine locking**"** being submitted by Akshaya, bearing 1602-19-733-006, 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.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Alcohol content detection and engine locking**"** being submitted by Shravani, bearing 1602-19-733-046, 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 **"**Eye Blink Sensor**"** being submitted by K. Gayathri, bearing 1602-19-733-014, 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 **"**Eye Blink Sensor**"** being submitted by K. Vardhini, bearing 1602-19-733-056, 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 **"**smart wakeup system**"** being submitted by G.Hemanth Kumar, bearing 1602-19-733-016, 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 **"**smart wakeup system**"** being submitted by Nikhil, bearing 1602-19-733-035, 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 **"**WiFi range Extender and deauther.**"** being submitted by M.Sai Kumar, bearing 1602-19-733-303, 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 **"**WiFi range Extender and deauther.**"** being submitted by S.Ankith, bearing 1602-19-733-304, 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 **"**Fingerprint authentication system**"** being submitted by P. Lalith, bearing 1602-19-733-021, 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 **"**Fingerprint authentication system**"** being submitted by V.Vignesh, bearing 1602-19-733-058, 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 **"**smart doorbell**"** being submitted by Aditya Narayan Khajuria, bearing 1602-19-733-001, 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.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart doorbell**"** being submitted by Riyaz, bearing 1602-19-733-027, 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 **"**Automatic Hand sanitizer Dispenser**"** being submitted by K. Mounika, bearing 1602-19-733-031, 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 **"**Automatic Hand sanitizer Dispenser**"** being submitted by K. Tejasree, bearing 1602-19-733-055, 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 **"**weather station monitoring**"** being submitted by D.Midhun, bearing 1602-19-733-025, 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 **"**weather station monitoring**"** being submitted by M.Tandan, bearing 1602-19-733-054, 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 **"**Door Security System**"** being submitted by R.Pavan kalyan, bearing 1602-19-733-036, 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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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Door Security System**"** being submitted by N.Sainadh, bearing 1602-19-733-041, 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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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**contactless elevator**"** being submitted by Y.Akshaya, bearing 1602-19-733-007, 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.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**contactless elevator**"** being submitted by I.Manisha, bearing 1602-19-733-024, 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 **"**Smart blind stick**"** being submitted by A.Monika, bearing 1602-19-733-029, 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 **"**Smart blind stick**"** being submitted by K.lavanya, bearing 1602-19-733-023, 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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Hyderabad-500 031

Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Streetlight monitoring system**"** being submitted by P. Akshita, bearing 1602-19-733-008, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)

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 Theme-based project entitled **"**Streetlight monitoring system**"** being submitted by N. Deeksha, bearing 1602-19-733-013, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)

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 Theme-based project entitled **"**Smart water tank**"** being submitted by Amreen, bearing 1602-19-733-305, 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.

B Syamala,
Assistant Professor,
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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 Theme-based project entitled **"**Smart water tank**"** being submitted by P. Meghana, bearing 1602-19-733-306, 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.



B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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 Theme-based project entitled **"**voice controlled car**"** being submitted by S.Pavani, bearing 1602-19-733-302, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
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Dr. T.Adilakshmi,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**voice controlled car**"** being submitted by Rama krishna, bearing 1602-19-733-301, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)

Dr. T.Adilakshmi,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**hand gesture control laptop**"** being submitted by Vaishnavi, bearing 1602-19-733-047, 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.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**hand gesture control laptop**"** being submitted by Shreya Mulukala, bearing 1602-19-733-048, 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.

B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Glasses **"** being submitted by Imran Mirza, bearing 1602-19-733-028, 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.



B Syamala,
Assistant Professor,
Dept. of CSE,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Glasses **"** being submitted by Monishka Das, bearing 1602-19-733-030, 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.



B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart parking system**"** being submitted by Akhil.B, bearing 1602-19-733-002, 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.

B Syamala,
Assistant Professor,
Dept. of CSE,
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Dr. T.Adilakshmi,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart parking system**"** being submitted by Akhil.T, bearing 1602-19-733-004, 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.

B Syamala,
Assistant Professor,
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Dept. of CSE.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Auto billing Shopping trolley**"** being submitted by S KAVYASREE, bearing 1602-19-733-075, 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.

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

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

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Inventory**"** being submitted by S LAXMI VARNIKA, bearing 1602-19-733-077, 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.

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

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

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Inventory**"** being submitted by P NISCHALA, bearing 1692-19-733-084, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Third eye for blind**"** being submitted by M MEGHANA, bearing 1602-19-733-080, 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.

S. Vinay Kumar,
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Dept. of CSE.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Third eye for blind**"** being submitted by P HIMAJA, bearing 1602-19-733-103, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Air Quality Monitoring & Alerting System**"** being submitted by BANURI VARUN, bearing 1602-19-733-116, 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.

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

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Air Quality Monitoring & Alerting System**"** being submitted by PALA ROHITH, bearing 1602-19-733-090, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Fall detection device **"** being submitted by R LIKHITH KUMAR, bearing 1602-19-733-078, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Fall detection device **"** being submitted by G VINOD, bearing 1602-19-733-120, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Luggage Tracker**"** being submitted by P SREE TEJA, bearing 1602-19-733-106, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Luggage Tracker**"** being submitted by K MANI SAI, bearing 1602-19-733-079, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Night Patrol Robot**"** being submitted by R NIKSHITHA, bearing 1602-19-733-083, 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.

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

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Night Patrol Robot**"** being submitted by B VISISTA, bearing 1602-19-733-121, 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.

S. Vinay Kumar,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IoT Smart Cocktail Mixer**"** being submitted by V RITHIKA, bearing 1602-19-733-089, 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.

S. Vinay Kumar,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IoT Smart Cocktail Mixer**"** being submitted by A HEMANTH, bearing 1602-19-733-070, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IoT based prison break monitoring system**"** being submitted by P VAISHNAVI, bearing 1602-19-733-114, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IoT based prison break monitoring system**"** being submitted by M TEJASWINI, bearing 1602-19-733-113, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

Dr. T.Adilakshmi,
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Dept. of CSE.

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**RGB LED controller web server**"** being submitted by P ASHISH, bearing 1602-19-733-065, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**RGB LED controller web server**"** being submitted by D NAVEEN, bearing 1602-19-733-094, 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.

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

Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Safety Helmet**"** being submitted by SADIA FIRDOUS, bearing 1602-19-733-091, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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 Theme-based project entitled **"**Smart Kitchen Automation**"** being submitted by B.SAI RUPESH, bearing 1602-19-733-096, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Kitchen Automation**"** being submitted by T.SAI VIVEK, bearing 1602-19-733-097, 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.

S. Vinay Kumar,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Glasses for blind people**"** being submitted by NK PRANESH, bearing 1602-19-733-088, 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.

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

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Glasses for blind people**"** being submitted by B VAMSHI KRISHNA, bearing 1602-19-733-115, 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.

S. Vinay Kumar,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Morse Code Translator**"** being submitted by CH KARTHEEK REDDY, bearing 1602-19-733-074, 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.

S. Vinay Kumar,
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(Faculty I/c)

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Morse Code Translator**"** being submitted by MD SAYUF ALI, bearing 1602-19-733-081, 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.

S. Vinay Kumar,
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(Faculty I/c)

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

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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Baby monitoring system using smart cradle**"** being submitted by K BHAVANA, bearing 1602-19-733-066, 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.

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

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 Theme-based project entitled **"**Baby monitoring system using smart cradle**"** being submitted by D HYNDAVI, bearing 1602-19-733-071, 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.

S. Vinay Kumar,
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(Faculty I/c)

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Professor & HOD,
Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Women safety device for emergency alert and tracking**"** being submitted by Y SAMYUKTHA, bearing 1602-19-733-098, 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.

S. Vinay Kumar,
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(Faculty I/c)

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 Theme-based project entitled **"**Women safety device for emergency alert and tracking**"** being submitted by R SAVERI, bearing 1602-19-733-102, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Energy Efficient Street Lighting System**"** being submitted by T SANJANA, bearing 1602-19-733-099, 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.

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 **"**Energy Efficient Street Lighting System**"** being submitted by V SRILAXMI, bearing 1602-19-733-110 , 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.

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

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 Theme-based project entitled **"**Automated fire extinguisher**"** being submitted by G SAIPRIYA, bearing 1602-19-733-095, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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 Theme-based project entitled **"**Automated fire extinguisher**"** being submitted by D KEERTHANA, bearing 1602-19-733-076, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Train track crack detection and accident avoidance system **"** being submitted by M AARTHI, bearing 1602-19-733-309, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Train track crack detection and accident avoidance system **"** being submitted by D SUPRIYA, bearing 1602-19-733-312, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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 Theme-based project entitled **"**Human posture monitoring**"** being submitted by T.ANUVAMSHIK, bearing 1602-19-733-064, 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.

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

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 Theme-based project entitled **"**Human posture monitoring**"** being submitted by K.DEEKSHITH REDDY, bearing 1603-19-733-068, 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.

S. Vinay Kumar,
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(Faculty I/c)

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Lock**"** being submitted by Y SATHWIK, bearing 1602-19-733-101, 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.

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

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Lock**"** being submitted by V SRICHARAN, bearing 1602-19-733-108, 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.

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

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Delivery Monitoring and Notification System**"** being submitted by K GOPI KRISHNA, bearing 1602-19-733-069, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Delivery Monitoring and Notification System**"** being submitted by B SRIDEEP, bearing 1602-19-733-109, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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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 Theme-based project entitled **"**Drunk driving detection with car ignition locking **"** being submitted by A SHRAVAN RAU, bearing 1602-19-733-105, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Drunk driving detection with car ignition locking **"** being submitted by P SATHWIK REDDY, bearing 1602-19-733-100, 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.

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

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Professor & HOD,
Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Health Monitoring**"** being submitted by M SAI ANIRUDH REDDY, bearing 1602-19-733-184, 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.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Health Monitoring**"** being submitted by G VENKANNA, bearing 1602-19-733-117, 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.

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

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 Theme-based project entitled **"**Smart Light Monitoring**"** being submitted by R AKHIL, bearing 1602-19-733-062, 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.

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

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 Theme-based project entitled **"**Smart Light Monitoring**"** being submitted by G KAMALAKAR, bearing 1602-19-733-073, 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.

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

Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Tresspassing detection**"** being submitted by L PRABHU JOTH, bearing 1602-19-733-087, 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.

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

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 Theme-based project entitled **"**Tresspassing detection**"** being submitted by B HITESH, bearing 1602-19-733-093, 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.

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

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IOT based water management system**"** being submitted by V SRUJAN, bearing 1602-19-733-112, 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.

S. Vinay Kumar,
Assistant Professor,
Dept. of CSE,
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Dr. T.Adilakshmi,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IOT based water management system**"** being submitted by D SAI ASHRISH, bearing 1602-19-733-092, 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.

S. Vinay Kumar,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Crop Protection System From Animals**"** being submitted by E SRINIVAS, bearing 1602-19-733-307, 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.

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

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Crop Protection System From Animals**"** being submitted by M SUMANTH, bearing 1602-19-733-311, 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.

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

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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 Theme-based project entitled **"**Rotating Solar Panel for maximum power utilization**"** being submitted by SVN RAMAKANTH, bearing 1602-19-733-118, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Rotating Solar Panel for maximum power utilization**"** being submitted by NIKHIL RACHHA, bearing 1602-19-733-082, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

Dr. T.Adilakshmi,
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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 **"**Smart Dustbin**"** being submitted by M.PALLAVI, bearing 1602-19-733-085, 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.

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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Dustbin**"** being submitted by A.SHALINI, bearing 1602-19-733-104 , 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Wifi Extender**"** being submitted by B AKHIL, bearing 1602-19-733-310, 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.

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

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Wifi Extender**"** being submitted by B ARAVIND, bearing 1602-19-733-308, 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.

S. Vinay Kumar,
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(Faculty I/c)

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Water Leakage Indicator**"** being submitted by B SANTHOSH KUMAR, bearing 1602-18-733-101, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Water Leakage Indicator**"** being submitted by N PAVAN, bearing 1602-19-733-086, 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.

S. Vinay Kumar,
Assistant Professor,
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(Faculty I/c)

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 Theme-based project entitled **"**Monitoring of plant growth**"** being submitted by B INDUMANASWINI, bearing 1602-19-733-072, 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.

S. Vinay Kumar,
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(Faculty I/c)

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 Theme-based project entitled **"**Monitoring of plant growth**"** being submitted by CHRISTINA, bearing 1602-19-733-067 , 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.

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

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 Theme-based project entitled **"**Voice controlled car**"** being submitted by N SANTHOSHI, bearing 1602-19-733-107, 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.

S. Vinay Kumar,
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(Faculty I/c)

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 Theme-based project entitled **"**Voice controlled car**"** being submitted by M SRIVIDYA, bearing 1602-19-733-111, 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.

S. Vinay Kumar,
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(Faculty I/c)

Dr. T.Adilakshmi,
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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 Theme-based project entitled **“”** being submitted by , bearing , 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,
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(Faculty I/c)

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

Vasavi College of Engineering (Autonomous)

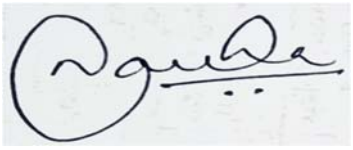
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Delightful Drips - A Smart Irrigation System**"** being submitted by Bakshi Abhinith, bearing 1602-19-733-124, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

Vasavi College of Engineering (Autonomous)

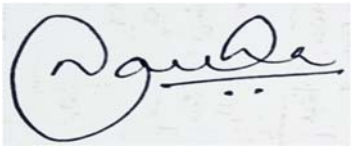
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Delightful Drips - A Smart Irrigation System**"** being submitted by Akash S Vora, bearing 1602-19-733-126, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

Vasavi College of Engineering (Autonomous)

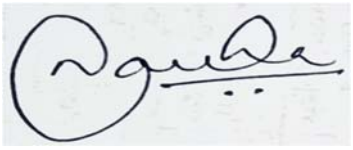
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Color Detection using IOT**"** being submitted by Manjunath, bearing 1602-19-733-146, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

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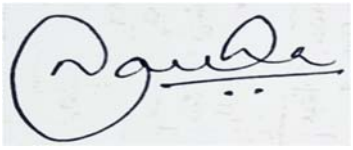
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Color Detection using IOT**"** being submitted by Vasishta, bearing 1602-19-733-150, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

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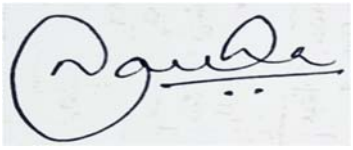
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Remote Monitoring of Water Supply**"** being submitted by Vineeth Reddy Donthi, bearing 1602-19-733-179, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

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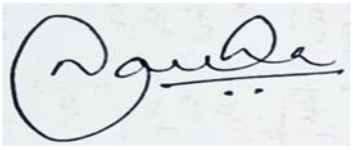
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Remote Monitoring of Water Supply**"** being submitted by Rajesh Reddy, bearing 1602-19-733-154, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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

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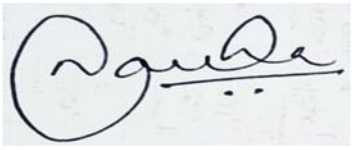
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Mood lighting Setup**"** being submitted by G. Bharath, bearing 1602-19-733-134, 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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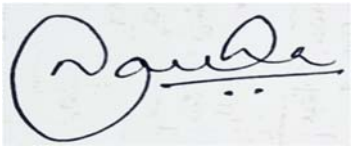
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Mood lighting Setup**"** being submitted by R. Chandra Vamsee, bearing 1602-19-733-135, 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 Lighting system

" being submitted by Umaid zakir, bearing 1602-19-733-174, 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.

P Narasiah,
Assistant Professor,
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(Faculty I/c)

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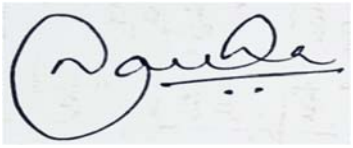
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Automatic Lighting system

" being submitted by Akash Yemmey, bearing 1602-19-733-314, 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.



P Narasiah,
Assistant Professor,
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(Faculty I/c)



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Dept. of CSE.

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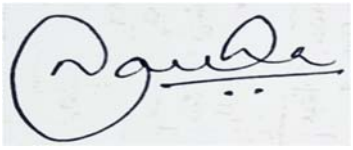
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Music syncing LED lights**"** being submitted by K Vennela, bearing 1602-19-733-178, 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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(Faculty I/c)



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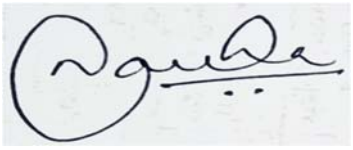
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Music syncing LED lights**"** being submitted by Deepak Namasani, bearing 1602-19-733-136, 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.



P Narasiah,
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(Faculty I/c)



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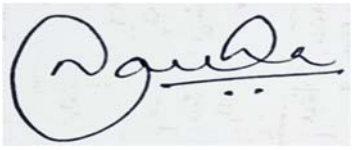
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Light control using IR**"** being submitted by Manoj Varma, bearing 1602-19-733-147, 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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(Faculty I/c)



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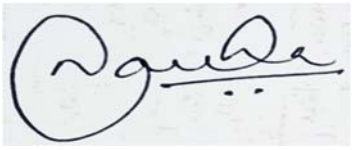
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Light control using IR**"** being submitted by K Srinayan, bearing 1602-19-733-171, 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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(Faculty I/c)



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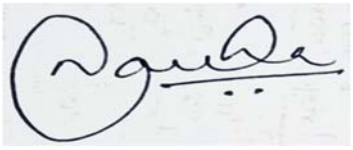
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Weather monitoring system**"** being submitted by Tarun, bearing 1602-19-733-159, 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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(Faculty I/c)



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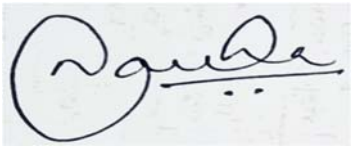
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Weather monitoring system**"** being submitted by Haridas, bearing 1602-19-733-141, 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.



P Narasiah,
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(Faculty I/c)



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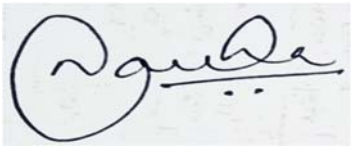
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smoke and Gas detection**"** being submitted by K.Akhil, bearing 1602-19-733-127, 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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Dept. of CSE,
(Faculty I/c)



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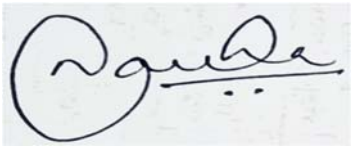
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smoke and Gas detection**"** being submitted by R.Nagarjun , bearing 1602-19-733-148, 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.



P Narasiah,
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Dept. of CSE,
(Faculty I/c)



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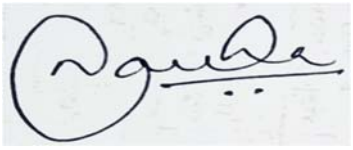
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Emergency Dispacther**"** being submitted by P V Poojith, bearing 1602-19-733-151, 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.



P Narasiah,
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(Faculty I/c)



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Dept. of CSE.

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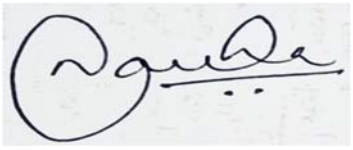
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Emergency Dispacther**"** being submitted by Y. Keerthi Pranavi , bearing 1602-19-733-145, 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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(Faculty I/c)



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Dept. of CSE.

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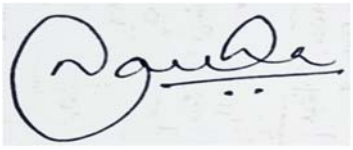
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Intruder detection**"** being submitted by Beulah, bearing 1602-19-733-133, 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.



P Narasiah,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)



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Dept. of CSE.

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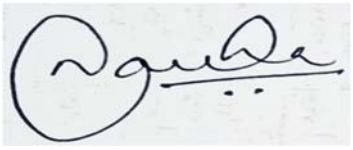
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Intruder detection**"** being submitted by Vaibhavi, bearing 1602-19-733-175, 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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(Faculty I/c)



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Dept. of CSE.

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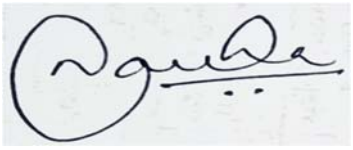
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Bluetooth Door Lock**"** being submitted by Rajesh. P, bearing 1602-19-733-153, 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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(Faculty I/c)



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Professor & HOD,
Dept. of CSE.

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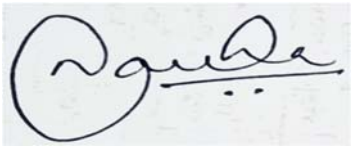
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Bluetooth Door Lock**"** being submitted by Rida Najeeb, bearing 1602-19-733-155, 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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(Faculty I/c)



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Dept. of CSE.

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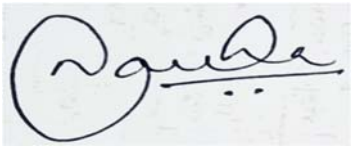
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Biometric attendance system **"** being submitted by Sathwika, bearing 1602-19-733-163, 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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(Faculty I/c)



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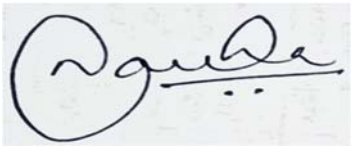
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Biometric attendance system **"** being submitted by Govinda Priya, bearing 1602-19-733-140, 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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(Faculty I/c)



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Dept. of CSE.

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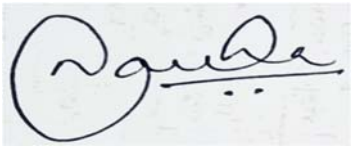
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart bore system**"** being submitted by Aditya, bearing 1602-19-733-125, 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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(Faculty I/c)



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Dept. of CSE.

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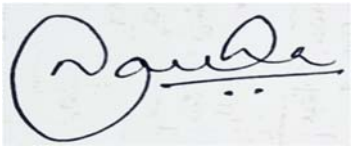
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart bore system**"** being submitted by Abhilash, bearing 1602-19-733-122, 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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(Faculty I/c)



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Dept. of CSE.

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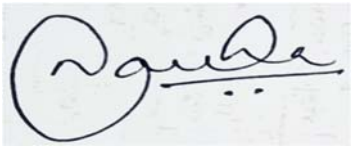
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Solar Tracker**"** being submitted by saiteja, bearing 1602-19-733-161, 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.



P Narasiah,
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Dept. of CSE,
(Faculty I/c)



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

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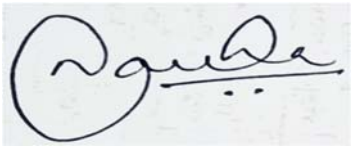
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Solar Tracker**"** being submitted by amith sourya, bearing 1602-19-733-128, 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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Dept. of CSE,
(Faculty I/c)



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Dept. of CSE.

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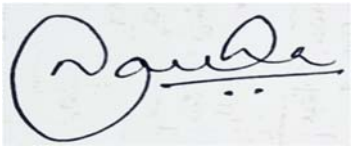
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart fire alarm**"** being submitted by Vishal, bearing 1602-19-733-180, 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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(Faculty I/c)



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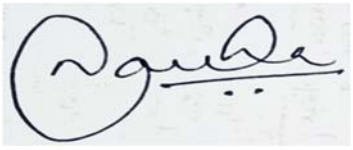
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart fire alarm**"** being submitted by SVS Praharshitha, bearing 1602-19-733-176, 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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(Faculty I/c)



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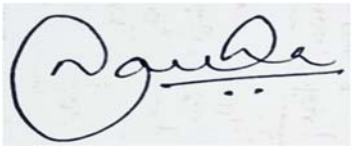
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**AutoSecureHome**"** being submitted by SP ASHISH, bearing 1602-19-733-131, 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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(Faculty I/c)



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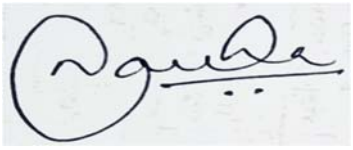
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**AutoSecureHome**"** being submitted by SOUDA ABHINAV, bearing 1602-19-733-123, 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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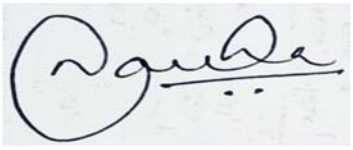
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart mirror**"** being submitted by Gowtam K, bearing 1602-19-733-168, 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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(Faculty I/c)



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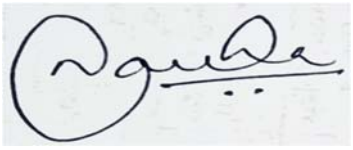
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart mirror**"** being submitted by Asvitha K, bearing 1602-19-733-132, 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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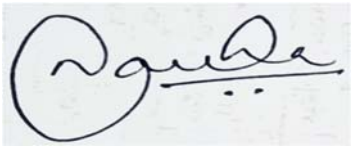
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**sewage monitoring system**"** being submitted by A.Sai shashank, bearing 1602-19-733-158, 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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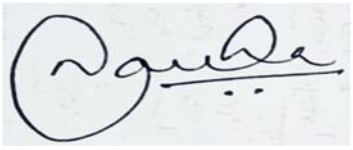
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**sewage monitoring system**"** being submitted by M.sri charan, bearing 1602-19-733-170, 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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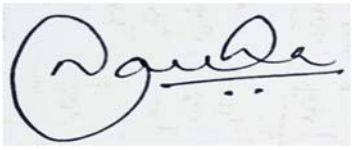
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart parking lot**"** being submitted by Hasini, bearing 1602-19-733-143, 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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(Faculty I/c)



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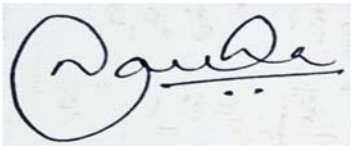
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart parking lot**"** being submitted by Jeevana, bearing 1602-19-733-144, 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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(Faculty I/c)



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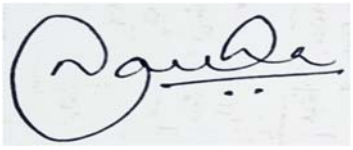
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Entrance Door Opener for Covid Safety.**"** being submitted by Gangadhar B, bearing 1602-19-733-139, 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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(Faculty I/c)



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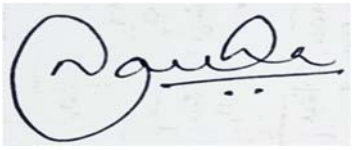
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Entrance Door Opener for Covid Safety.**"** being submitted by Dinesh G, bearing 1602-19-733-138, 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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(Faculty I/c)



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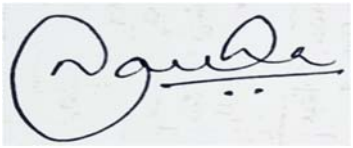
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Automatic Hand-Sanitizing dispenser**"** being submitted by Mahalakshmi.Perna, bearing 1602-19-733-315, 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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(Faculty I/c)



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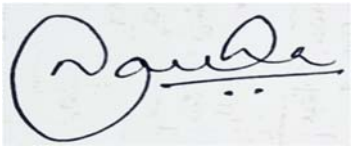
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Automatic Hand-Sanitizing dispenser**"** being submitted by E.Tejasri, bearing 1602-19-733-317, 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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(Faculty I/c)



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Dept. of CSE.

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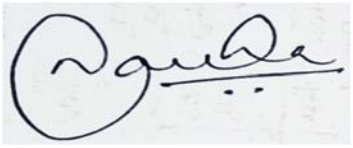
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Contactless temperature detector and automatic

door opener**"** being submitted by T Sai Varshini , bearing 1602-19-733-160, 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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(Faculty I/c)



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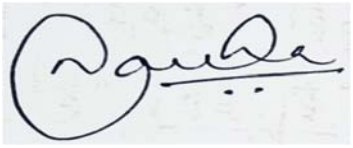
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Contactless temperature detector and automatic

door opener**"** being submitted by T Shreya, bearing 1602-19-733-165, 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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(Faculty I/c)



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Dept. of CSE.

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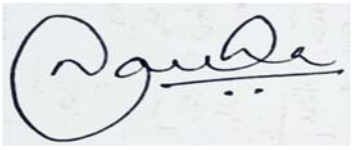
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Patient health monitoring system **"** being submitted by Vedanth Reddy, bearing 1602-19-733-177, 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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(Faculty I/c)



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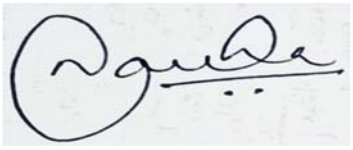
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Patient health monitoring system **"** being submitted by P Dileep, bearing 1602-19-733-137, 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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(Faculty I/c)



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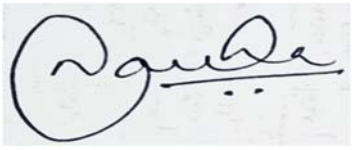
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Wander-Guard**"** being submitted by Ankita Dam, bearing 1602-19-733-130, 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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(Faculty I/c)



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Dept. of CSE.

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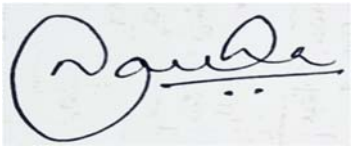
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Wander-Guard**"** being submitted by M. Harika, bearing 1602-19-733-142, 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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(Faculty I/c)



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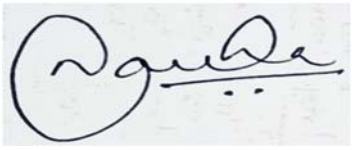
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Alcohol Detection System**"** being submitted by Sowmya B, bearing 1602-19-733-166, 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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(Faculty I/c)



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Dept. of CSE.

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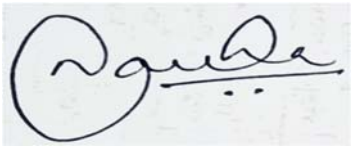
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Alcohol Detection System**"** being submitted by Sreeja Reddy G, bearing 1602-19-733-167, 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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(Faculty I/c)



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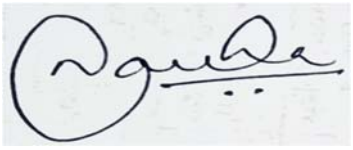
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This is to certify that the Theme-based project entitled **"**Monitoring of Air Quality in Livestock Farms**"** being submitted by Nainica. D, bearing 1602-19-733-149, in partial fulfilment of the requirements of the VI semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



P Narasiah,
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(Faculty I/c)



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

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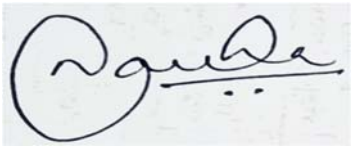
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Monitoring of Air Quality in Livestock Farms**"** being submitted by Rishitha Reddy E, bearing 1602-19-733-156, 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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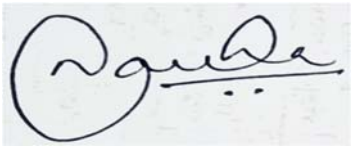
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Device for visually impaired persons**"** being submitted by P. Sathwik, bearing 1602-19-733-162, 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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(Faculty I/c)



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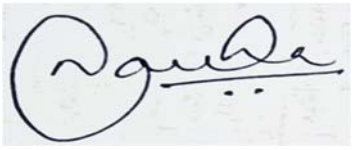
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Smart Device for visually impaired persons**"** being submitted by G.Uday, bearing 1602-19-733-173, 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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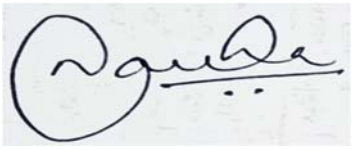
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Vechile tracking system **"** being submitted by G Mallika , bearing 1602-19-733-316, 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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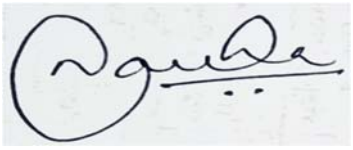
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Dual mode IoT controlled car**"** being submitted by Kallem Sahana, bearing 1602-19-733-157, 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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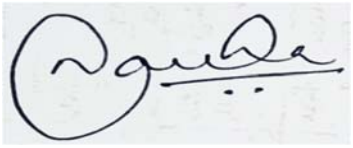
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Dual mode IoT controlled car**"** being submitted by P. Sri Santhosh

Reddy, bearing 1602-19-733-169, 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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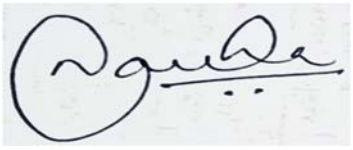
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**Dual mode IoT controlled car**"** being submitted by Ponaganti Anjali, bearing 1602-19-733-129, 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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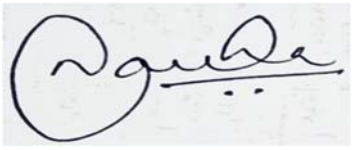
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart water level monitoring system**"** being submitted by N.Srimani, bearing 1602-19-733-313, 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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(Faculty I/c)



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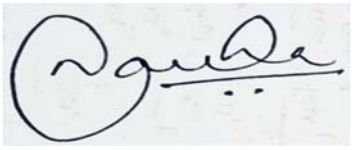
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**smart water level monitoring system**"** being submitted by Erusumarla Bhavani , bearing 1602-19-733-318 , 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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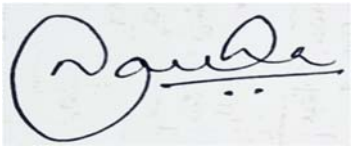
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IOT Dustbin Monitoring System**"** being submitted by G. Shiva kumar, bearing 1602-19-733-164, 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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(Faculty I/c)



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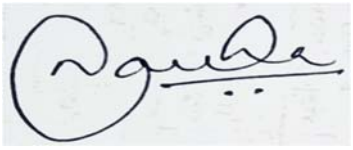
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**IOT Dustbin Monitoring System**"** being submitted by Vishwanth Reddy , bearing 1602-19-733-181, 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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(Faculty I/c)



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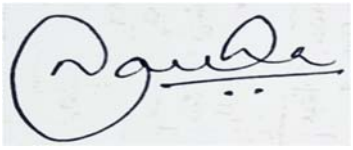
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BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**wireless digital notice board **"** being submitted by J. PRASANNA, bearing 1602-19-733-152, 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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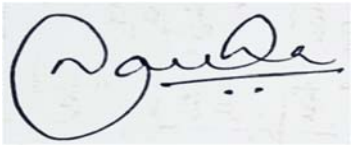
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Theme-based project entitled **"**wireless digital notice board **"** being submitted by ZUBAIR. AHMAD

MALLA, bearing 1602-19-733-182, 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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(Faculty I/c)



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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**AI Virtual mouse**"** being submitted by ABHINAY KATTA, bearing 1602-20-733-001 , in partial fulfilment of the requirements of the IV 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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(Faculty I/c)



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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**AI Virtual mouse**"** being submitted by DABBUGALLA JESSEMELWYN, bearing 1602-20-733-012, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Ecommerce Elysian**"** being submitted by ZIA MAHMOOD HUSSAIN, bearing 1602-20-733-062 , in partial fulfilment of the requirements of the IV 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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(Faculty I/c)

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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Ecommerce Elysian**"** being submitted by MOHAMMED YAQOOB ALI, bearing 1602-20-733-019, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Voice assistant using python**"** being submitted by ANCHA NAMRATHA, bearing 1602-20-733-023 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Voice assistant using python**"** being submitted by ATLURI SREYA, bearing 1602-20-733-047, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Sunthe raho: listen to your mood**"** being submitted by DABBARA PRAGATHI, bearing 1602-20-733-029, in partial fulfilment of the requirements of the IV 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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Sunthe raho: listen to your mood**"** being submitted by GYARA PRAGATHI, bearing 1602-20-733-030, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Client-Server Network**"** being submitted by AMAND VIVEK, bearing 1602-20-733-061 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Client-Server Network**"** being submitted by PADAKANTI SUMANTH, bearing 1602-20-733-052, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**YouTube Video Downloader. **"** being submitted by SAHIL ABDULLAH MALLA, bearing 1602-20-733-038, in partial fulfilment of the requirements of the IV 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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(Faculty I/c)



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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**YouTube Video Downloader. **"** being submitted by YERRAJAMAN PRADEEP KUMAR, bearing 1602-20-733-028, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**IntelliText(Text extractor from images) **"** being submitted by MUDAVATH REVANTH, bearing 1602-20-733-036, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**IntelliText(Text extractor from images) **"** being submitted by KADIYALA SUBBARAYA PERAVADHANI SRIRAM, bearing 1602-20-733-051, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Object detection **"** being submitted by S PADMA PRIYA, bearing 1602-20-733-024, in partial fulfilment of the requirements of the IV 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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(Faculty I/c)



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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Object detection **"** being submitted by SHIRISHA GUJJA, bearing 1602-20-733-043 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Language Toolkit **"** being submitted by BANDA LAHARI, bearing 1602-20-733-014, in partial fulfilment of the requirements of the IV 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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Dept. of CSE.

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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Language Toolkit **"** being submitted by VANTERU SNEHA LATHA REDDY, bearing

1602-20-733-046, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**It's in the Nut! - feature matching of coconut **"** being submitted by VARAGRANDHI MAYUKHA, bearing 1602-20-733-017, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**It's in the Nut! - feature matching of coconut **"** being submitted by KOTHA SANTHOSHI, bearing 1602-20-733-041, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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Dr. T.Adilakshmi,
Professor & HOD,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**It's in the Nut! - feature matching of coconut **"** being submitted by GUMMADIVELLI PARAM JYOTHI, bearing 1602-20-733-126, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Ball breaker**"** being submitted by THANGALLAPALLY MEGHANA, bearing 1602-20-733-018, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Ball breaker**"** being submitted by DUBBA SRUTHI, bearing

1602-20-733-050, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Insurance Fraud Detector**"** being submitted by PAMURI VENKATA ROHITH KUMAR REDDY, bearing 1602-20-733-057, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Insurance Fraud Detector**"** being submitted by BUDI SRISATYA KAPARDI, bearing 1602-20-733-049, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Games zone**"** being submitted by DESHINENI SIDDARTHA, bearing

1602-20-733-045, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Games zone**"** being submitted by GUNDU THAPAN DATTA, bearing 1602-20-733-053, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Spacewars Game**"** being submitted by KOUDA PAVAN KALYAN, bearing

1602-20-733-026, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Spacewars Game**"** being submitted by VUPPALA NAGASAI, bearing 1602-20-733-022, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Content aggregator **"** being submitted by P SRI LAKSHMI SIVA PRIYA, bearing 1602-20-733-048, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Content aggregator **"** being submitted by SHAIK AFREEN, bearing 1602-20-733-042, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Content aggregator **"** being submitted by SUDINI ANSHU, bearing 1602-20-733-004, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**MP3 player **"** being submitted by BAKKI VISHWAJA, bearing

1602-20-733-060, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**photo manipulation**"** being submitted by YERPULA HARICHARAN REDDY, bearing 1602-20-733-010, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**photo manipulation**"** being submitted by VINNAKOTA ESWAR KUMAR, bearing

1602-20-733-008, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Working of smart watch**"** being submitted by DAMMALAPATI PRANAV, bearing 1602-20-733-031 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Working of smart watch**"** being submitted by MANCHALA RAMTEJA, bearing 1602-20-733-035 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Let's Read it !**"** being submitted by KASALA AJAY REDDY, bearing 1602-20-733-003, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Let's Read it !**"** being submitted by KONDURU SAIKAMAL, bearing 1602-20-733-040, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Colour detection**"** being submitted by RAMINENI NAGA JASWANTH, bearing 1602-20-733-021, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Colour detection**"** being submitted by GUNREDDY BAVITH REDDY, bearing 1602-20-733-006, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**PDF editor**"** being submitted by CHALASANI VINEETH, bearing 1602-20-733-059, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**PDF editor**"** being submitted by KEDALA CHARAN, bearing 1602-20-733-302, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**PDF editor**"** being submitted by GUGULOTHU RAJKUMAR, bearing

1602-20-733-306, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Women Safety Application**"** being submitted by CHINTHAKRINDA VENNELA PREETHI, bearing 1602-20-733-058, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Women Safety Application**"** being submitted by PILLAMARAPU SHISHIRA, bearing 1602-20-733-044, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**OCR Scanner**"** being submitted by PAYYAVULA AVINASH, bearing 1602-20-733-005, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**OCR Scanner**"** being submitted by MOHAMMED ZAID AHMED, bearing 1602-20-733-304, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Stock Analysis **"** being submitted by BURRI PALLAVI, bearing 1602-20-733-025, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Stock Analysis **"** being submitted by KOTHURU RUCHITHA RANI, bearing 1602-20-733-037, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tracking location using mobile number**"** being submitted by BASHAVENI NIKHIL, bearing 1602-20-733-303, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tracking location using mobile number**"** being submitted by MYADA TEJASHWINI, bearing 1602-20-733-305, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tracking location using mobile number**"** being submitted by TANGUTURI KRANTHI, bearing

1602-20-733-301, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Pac man game**"** being submitted by GANGANNAGARI VARUNTEJA REDDY, bearing 1602-20-733-056, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Pac man game**"** being submitted by CHITTABOINA MALLIKARJUN, bearing

1602-20-733-016, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tweefy**"** being submitted by KOTHA VAMSHI KRISHNA, bearing 1602-20-733-054, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tweefy**"** being submitted by KATTA RAHUL, bearing 1602-20-733-033, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Plug in for MS teams**"** being submitted by GNANI PASUPULA, bearing 1602-20-733-009, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Plug in for MS teams**"** being submitted by MEKA DHEERAJ REDDY, bearing 1602-20-733-007, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Doodle.io**"** being submitted by HIMA SATWIKA KATRAGADDA, bearing 1602-20-733-011, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Doodle.io**"** being submitted by KOTTIDI RAJAVARDHAN, bearing 1602-20-733-034, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Doodle.io**"** being submitted by MALOTH MUKESH, bearing 1602-20-733-020, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Weather forecast**"** being submitted by ADULA SAI SATHWIK, bearing 1602-20-733-039, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Restaurant System**"** being submitted by VENKATAGIRI PAVAN KUMAR, bearing 1602-20-733-027, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Restaurant System**"** being submitted by KASALA AJAY REDDY, bearing 1602-20-733-002, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Object Hurdles Game**"** being submitted by GITTIGONI PRAVEEN KUMAR, bearing 1602-20-733-032, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Object Hurdles Game**"** being submitted by GUNDAMPATI KRISHNA SAMEER, bearing 1602-20-733-013, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Let's play blackjack**"** being submitted by BUKKE VARSHA, bearing 1602-20-733-055, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Visualising and forecasting stocks using dash Python**"** being submitted by T. Abhigna Reddy, bearing 1602-20-733-063, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Visualising and forecasting stocks using dash Python**"** being submitted by E. Chithra Bhanu, bearing 1602-20-733-078, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Movie Recommendation System**"** being submitted by K.Abhijith , bearing 1602-20-733-064, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Movie Recommendation System **"** being submitted by V.Akshitha , bearing 1602-20-733-069, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Desktop voice assistant**"** being submitted by J Pranav , bearing 1602-20-733-088, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Desktop voice assistant**"** being submitted by S Rohith Reddy, bearing 1602-20-733-092, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Howdy (ML Email app)**"** being submitted by Alekhya kanjarla, bearing 1602-20-733-070, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Howdy (ML Email app)**"** being submitted by Guru sai shreesh, bearing 1602-20-733-079, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Howdy (ML Email app)**"** being submitted by Revanth kiran, bearing 1602-20-733-091, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tracing mobile number**"** being submitted by N Abhiram, bearing 1602-20-733-066, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Tracing mobile number**"** being submitted by M. Ashish Reddy, bearing 1602-20-733-072, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Whatsapp vocabulary bot using Twilio**"** being submitted by Mohammed Ahsan Uddin, bearing 1602-20-733-085, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Whatsapp vocabulary bot using Twilio**"** being submitted by A Vijay Ku, bearing 1602-20-733-311, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Whatsapp vocabulary bot using Twilio**"** being submitted by K Meghana, bearing 1602-20-733-312, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Game Havali**"** being submitted by A.Charan Kumar Reddy, bearing 1602-20-733-077, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Game Havali**"** being submitted by Apuru Roshan, bearing 1602-20-733-094, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Face mask detector**"** being submitted by Sai Teja, bearing 1602-20-733-100, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Face mask detector**"** being submitted by K. Sai Venkat, bearing 1602-20-733-101, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Face mask detector**"** being submitted by K. Upendra, bearing 1602-20-733-116, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Desktop notifier app**"** being submitted by Bindu sriya, bearing 1602-20-733-073, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Desktop notifier app**"** being submitted by Hrishitha Rayapati, bearing 1602-20-733-080, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**FelizTour App**"** being submitted by Chandrashekar Ollala, bearing 1602-20-733-076, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**FelizTour App**"** being submitted by Sahaja Reddy P, bearing 1602-20-733-087, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Chat Assistant for a bank(Devi)**"** being submitted by S.Siri Reddy , bearing 1602-20-733-108, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Chat Assistant for a bank(Devi)**"** being submitted by A.Sreeja Reddy, bearing 1602-20-733-110, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Melody(Music website)**"** being submitted by Abhinav Reddy, bearing 1602-20-733-065, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Melody(Music website)**"** being submitted by Arun Kumar, bearing 1602-20-733-071, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Melody(Music website)**"** being submitted by Asmith Reddy, bearing 1602-20-733-075 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Text to audio**"** being submitted by M.Akshitha, bearing 1602-20-733-068, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Text to audio**"** being submitted by B.Blessy, bearing 1602-20-733-074 , in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Text to audio**"** being submitted by P.Nikhitha, bearing 1602-20-733-086, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Cryptography using rasa algorithm **"** being submitted by D. Rukvith Reddy, bearing 1602-20-733-095, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Cryptography using rasa algorithm**"** being submitted by U. Satish Chandra, bearing 1602-20-733-105, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Cryptography using rasa algorithm **"** being submitted by K. Yaswanth Ranga, bearing 1602-20-733-122, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Amazon Price Tracker**"** being submitted by K.Warun , bearing 1602-20-733-120, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Amazon Price Tracker**"** being submitted by N.Yagnan reddy, bearing 1602-20-733-121, in partial fulfilment of the requirements of the IV 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 Mini project entitled **"**Amazon Price Tracker**"** being submitted by S.Vansh, bearing 1602-20-733-123, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Secure Sender**"** being submitted by S Abdul Rahman, bearing 1602-20-733-106, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Secure Sender**"** being submitted by S Farhad Ashraf, bearing 1602-20-733-107, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Secure Sender**"** being submitted by S Maaz Manzoor, bearing 1602-20-733-112, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Virtual Mouse using AI**"** being submitted by S.Sai Ajeeth, bearing 1602-20-733-097, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Virtual Mouse using AI**"** being submitted by N.Tarun Kumar, bearing 1602-20-733-114, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Morse Code Encoder and Decoder**"** being submitted by P.Ram Pratheek Reddy, bearing 1602-20-733-090, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Morse Code Encoder and Decoder**"** being submitted by V.Rohith Reddy, bearing 1602-20-733-093, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Morse Code Encoder and Decoder**"** being submitted by J.Akhil Reddy, bearing 1602-20-733-125, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
Dept. of CSE,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Expense Tracker**"** being submitted by Ragunath, bearing 1602-20-733-089, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Expense Tracker**"** being submitted by S.Santhoshi, bearing 1602-20-733-103, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Expense Tracker**"** being submitted by S.Jasvinder singh , bearing 1602-20-733-104, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Doctor Appointment system using API**"** being submitted by EV Karthikeya, bearing 1602-20-733-082, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Doctor Appointment system using API**"** being submitted by V Kishore, bearing 1602-20-733-083, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Doctor Appointment System using API**"** being submitted by S Maheshwar Reddy, bearing 1602-20-733-084, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**8 bit game**"** being submitted by B. karthik, bearing 1602-20-733-081, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**8bit game**"** being submitted by p. uday kiran, bearing 1602-20-733-115, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**8 bit game**"** being submitted by A. vamshi, bearing 1602-20-733-117, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Web scraper**"** being submitted by K.Abhinaya, bearing 1602-20-733-307, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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Professor & HOD,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Web scraper**"** being submitted by K.Shivamani, bearing 1602-20-733-308, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**QR code generator and reader**"** being submitted by A.Sai Chandana, bearing 1602-20-733-098, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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Dept. of CSE.

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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**QR code generator and reader**"** being submitted by C.Krishna Priya, bearing 1602-20-733-111, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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Dr. T.Adilakshmi,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Bank management system**"** being submitted by Soumitha Reddy, bearing 1602-20-733-109, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Bank management system**"** being submitted by tarun krishna, bearing 1602-20-733-113, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**LIFE SAVER.COM**"** being submitted by M. Anusha , bearing 1602-20-733-309, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
Dept. of CSE,
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Dr. T.Adilakshmi,
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Department of Computer Science & Engineering

BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**LIFE SAVER.COM**"** being submitted by K. Shireesha , bearing 1602-20-733-310 , in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Online classes bot**"** being submitted by T. Sai Preethi, bearing 1602-20-733-099, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**Online classes bot**"** being submitted by M. Vineetha, bearing 1602-20-733-118, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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(Faculty I/c)



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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**2048 game**"** being submitted by Sanam Sahith, bearing 1602-20-733-096, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
Assistant Professor,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**2048 game**"** being submitted by A.Sai Yeshwanth Reddy, bearing 1602-20-733-102, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.



B Syamala,
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(Faculty I/c)



Dr. T.Adilakshmi,
Professor & HOD,
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BONAFIDE CERTIFICATE

This is to certify that the Mini project entitled **"**2048 game**"** being submitted by N.Vivek, bearing 1602-20-733-119, in partial fulfilment of the requirements of the IV semester, Bachelor of Engineering in Computer Science & Engineering is a record of bonafide work carried out by him/her under my guidance.

B Syamala,
Assistant Professor,
Dept. of CSE,
(Faculty I/c)

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Professor & HOD,
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BONAFIDE CERTIFICATE

This is to certify that the project entitled "**ENHANCING ONESOURCE TAX PROVISION USING ALTERYX AND POSTMAN**" submitted by **Ch. Krishna Chaitanya 1602-20-742-001**, a student of Department of Computer Science and Engineering, Vasavi College of Engineering in partial fulfillment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering as specialization is a record of bonafide work carried out by him during academic year 2021-22.

C. Gireesh ,
Assistant Professor,
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 **People Tracking & Counting Using Surveillance Systems** being submitted by **Boyne Manasa ,** bearing **1602-20-742-002,** 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 her under my guidance.

Nagaratna 6/7/22

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- 500031

Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled "**GO SYSTEM TAX: A WEB BASED SYSTEM FOR HANDLING COMPLEX TAX SCENARIOS**" submitted by **MD Wajeed 1602-20-742-003**, a student of Department of Computer Science and Engineering, Vasavi College of Engineering in partial fulfillment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering as specialization is a record of Bonafede work carried out by him during academic year 2022.

Dr. E. Shailaja
Associate Professor

Dr. T. Adilakshmi
Professor & Head

Vasavi College of Engineering (Autonomous)

(Affiliated to Osmania University) Hyderabad-500 031

Department of Computer Science & Engineering



BONA FIDE CERTIFICATE

This is to certify that the project entitled "**KT-GAN: KNOWLEDGE – TRANSFER GENERATIVE ADVERSARIAL NETWORK FOR TEXT-TO-IMAGE SYNTHESIS**" submitted by **Mohammed Arshad Ali (1602-20-742-004)**, a student of Department of Computer Science & Engineering, Vasavi College of Engineering in partial fulfilment of the requirements for the award of the degree of Master of Technology in Computer Science & Engineering as specialization is a record of bona fide work carried out by him during academic year 2022.

Dr. D. Baswaraj
Professor

Dr.T. Adilakshmi
Professor & Head

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 "**EMOTION BASED MUSIC RECOMMENDATION SYSTEM"** being submitted by **H. Renuka,** bearing **1602-20-742-005,** 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 her under my guidance.

T. Adilakshmi

Dr.T.Adilakshmi,
Professor & H.O.D,
Internal Guide

T. Adilakshmi

Dr.T.Adilakshmi,
Professor & H.O.D,
Dept. of CSE.

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled being submitted by **V.M. Sathvik,** bearing **1602-20-742-007**, 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.

7/7/22

S. Vinay Kumar,

Assistant Professor,

Internal Guide.

T. Adilakshmi

Dr.T. Adilakshmi,

Professor & H.O.D,

Dept. of CSE.

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Department of Computer Science & Engineering



BONAFIDE CERTIFICATE

This is to certify that the project entitled **Improving payroll management within Accounting-CS-professional-suite** being submitted by **V.Victor Emmanuel,** bearing **1602-20-742-008,** 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 her under my guidance.

Dr M. Sunitha Reddy
Assistant Professor
Internal Guide

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