



**VIDYA JYOTHI**  
**INSTITUTE OF TECHNOLOGY**  
AN AUTONOMOUS INSTITUTION

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “Ajax movie recommendation system based on Sentiment analysis” is a bonafied work by A. Bhanu (20911A1205), A. Sagar(20911A1207), M. Srijith (20911A1236) in partial fulfilment for the award of the Degree of Bachelor of Technology in INFORMATION TECHNOLOGY, JNTU Hyderabad during the year 2023-2024.

**Project Guide**

Mr. B. Eswar Babu,

M. Tech (Ph.D)

Associate Professor

**Head of the Department**

Head of the Department  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Prof. B. Srinivasulu, Post  
Hyderabad - 500 075, Telangana

M.E, (Ph.D)

HOD .

**External Examiner**



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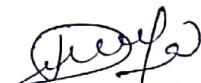
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Aziz Nagar Gate, C.B. Post, Hyderabad-500075

### DEPARTMENT OF INFORMATION TECHNOLOGY

#### CERTIFICATE

This is to certify that the project report titled " PREDICTION OF ENGINEERING BRANCH SELECTION FOR INTER STUDENTS " is being submitted A.ESHWAR ( 20911A1201 ), L. ABHISHEK ( 20911A1227 ) and T.LALITH CHANDRA ( 20911A1252 ) in partial fulfillment for the award of the Degree of Bachelor of Technology in INFORMATION TECHNOLOGY, is a record of bonafide work carried out by us under my guidance and supervision.

  
Project Guide

Mrs .S. Divya  
Assistant Professor

  
Head of Department

Mr. B. Srinivasulu (M.E - PHD)  
Head of the Department  
Dept. of Professor  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
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External examiner



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Aziz Nagar Gate, C.B. Post, Hyderabad-500075

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the project report titled "**DEEP CONVOLUTIONAL NEURAL NETWORKS FOR SIGN LANGUAGE RECOGNITION**" is being submitted by **A.VENUKUMAR(20911A1210), M.PURUSHOTHAM(20911A1232), U.NEERAJA(20911A1256)** in partial fulfillment for the award of the Degree of Bachelor of Technology in INFORMATION TECHNOLOGY, is a record of Bonafide work carried out by us under my guidance and supervision.

**Project Guide**

Dr.D.MARLENE GRACE VERGHESE

Associate Professor

**External Examiner**

**Head of Department**

Mr. B. Srinivasulu M.E(PHD)  
Head of the Department  
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### DEPARTMENT OF INFORMATION TECHNOLOGY

#### CERTIFICATE

This is to certify that the project report titled “Credit Fraud Detection System” is being submitted by **G.ANKITHA(20911A1222),K.SHAILAJA(20911A1225),P.SHYLIJA(20911A1243)** in partial fulfillment for the award of the Degree of Bachelor of Technology in **INFORMATION TECHNOLOGY**, is a record of bonafide work carried out by us under my guidance and supervision.



**Project Guide**

Mr.C.Ramakrishna

Assistant Professor

  
**External Examiner**  
**Head of Department**  
Mr. B.Srinivasulu (M.E - PHD)

Professor **Head of the Department**  
Dept. of Information Technology  
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report titled "**AUTOMATIC CERTIFICATE GENERATION**" is being submitted by **PAVAN KUMAR (20911A1253)**, **KARTHIK (20911A1237)**, **NITHEESH (20911A1245)**, partial fulfillment for the award of the degree of Bachelor of Technology in **Information Technology**, is a record of Bonafede work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

*Vijay*  
**Internal Guide**

Mrs. M. VIJAYALAXMI

Assistant Professor

*Srinivasulu*  
**Head of Department**

Mr. B. Srinivasulu

**Head of the Department**  
Dept. of Information Technology  
**Professor**  
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Aziz Nagar Gate, C.B. Post  
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*Gopal*  
**External Examiner**



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on "PyAlerts" is a bonafide work by A.Vivek Goud(20911A1209), P.Mounika(20911A1242) and U.Sarika(20911A1255) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023-2024.

Project Guide

Mrs. M. Keerthi

M. Tech

Assistant Professor

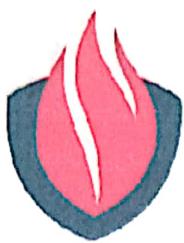
  
Head of the department  
Mr. B. Srinivasulu

M.E (PhD)

Professor

Head of the Department  
Dept. of Information Technology  
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External Examiner



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### **DEPARTMENT OF INFORMATION TECHNOLOGY**

#### **CERTIFICATE**

This is to certify that the Project Report on “**Placement Management System** ” is a bonafide work by **PavanSingh(20911A1263)**, **Gowthami(20911A1280)** and **Ranjith (20911A1290)** inpartial fulfillment of the requirement for the award of the degree of Bachelor of Technology in **“INFORMATION TECHNOLOGY”** JNTU Hyderabad during the year **2023 - 2024**.

#### **Project Guide**

Mrs.K.Shirisha

Asstintant Professor.

#### **Head of the department**

Mr.B.Srinivasulu

Head of the Department  
M.E(Ph.D) Dept. of Information Technology  
Professor. Vidya Jyothi Institute of Technology  
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#### **External Examiner**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**



**CERTIFICATE**

This is to certify that the Mini Project Report on “**VOCAL PDF**” is a bonafide work by V.BHANU KUMAR (20911A1257), M.AKASH (20911A1231) and D.ASHISHCHARY(20911A1217) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.

~~Project Guide~~

MR.B. SRINIVASULU  
M.E(PhD)  
Professor

~~Head of the department~~

Mr.B.Srinivasulu  
M.E(PhD) Head of the Department  
Professor Dept. of Information Technology  
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*Sonali*  
**External Examiner**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “Validation of Certificate” is a bonafide work by  
**L.Annapurna(20911A1228), M.SaiSuma(20911A1230) and B.Poojitha (2011A1212)** in  
Partial fulfilment of the requirement for the award of the degree of Bachelor of Technology  
In “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.

Project Guide

**Mr.Mallikharjuna Rao**

**Assistant Professor**

Head Of The Department

**Mr.B.Srinivasulu(M.E,(Ph.D))**

**Head of the Department**

**Dept. of Information Technology**

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### DEPARTMENT OF INFORMATION TECHNOLOGY

#### CERTIFICATE

This is to certify that the project report titled "**DIABETES PREDICTION USING MACHINE LEARNING**" is being submitted by **B. PRAVALIKA (20911A1213), P. RAJASREE (20911A1241), T. BHAVANA (20911A1251)** in partial fulfilment for the award of the Degree of Bachelor of Technology in **INFORMATION TECHNOLOGY**, is a record of bonafide work carried out by us under my guidance and supervision.

Project Guide  
Mrs. G INDIRA PRIYADARSHINI  
Associate Professor

External Examiner

Head of the Department  
Dr. B. Srinivasulu (M.E - PHD)

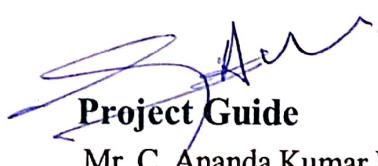
Professor Head of the Department  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on “VJIT ONLINE NOTICE BOARD” is a bonafide work by **Bangula Siddhartha (20911A1267)**, **Kommuru Ashok (20911A1294)** and **Katikam Sai Teja (20911A12F1)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.



**Project Guide**  
Mr. C. Ananda Kumar Reddy,  
Assistant Professor.



**Head of the department**  
Mr. B. Srinivasulu,  
M.E, (PhD) **Head of the Department**  
Dept. of Information Technology  
Professor, Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana



**External Examiner**



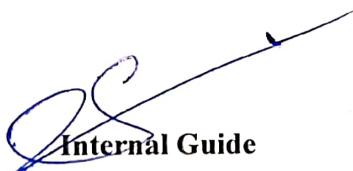
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report titled “DIET CONSULTANT SYSTEM” is being submitted by **NITHIN REDDY (20911A1229)**, **RACHURI VAMSHI (20911A1244)**, **SHARATH CHANDRA REDDY (20911A1250)**, in partial fulfillment for the award of the degree of Bachelor of Technology in **Information Technology**, is a record of Bonafede work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.



**Internal Guide**

Mr. M. Suresh Babu  
Assistant Professor



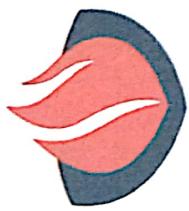
**Head of Department**

Mr. B. Srinivasulu  
Professor

**Head of the Department**  
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**External Examiner**



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### CERTIFICATE

This is to certify that the project report on “An OpenAI-Driven Web Application” is a Bonafide work by **M Sai Kiran(20911A1297)**, **K Mahesh(20911A1296)** and **B Teja Venkatt(20911A1268)** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023-2024.

#### Internal Guide

Mrs. Afshan Fatima

M.Tech

Associate. Professor

  
~~Head of the Department~~

Mr.B.Srinivasulu

M.E.(phd)

Professor

Head of the Department  
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Hyderabad - 500 075, Telangana

External Examiner



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DEPARTMENT OF INFORMATION TECHNOLOGY

2023-2024

CERTIFICATE

This is to certify that the Project Report on “Placement Management System ” is a bonafide work by PavanSingh(20911A1263), Gowthami(20911A1280) and Ranjith (20911A1290) impartial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

Project Guide

Mrs.K.Shirisha

Assttint Professor.

Head of the department

Mr.B.Srinivasulu

M.E(Ph.D) Head of the Department  
Dept. of Information Technology  
Professor, Vidyajyothi Institute of Technology  
Aziz Nagar Gate, C.S. Post  
Hyderabad - 500 075, Telangana

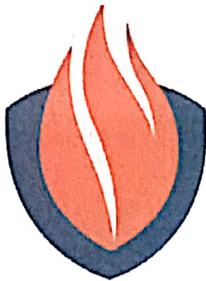
External Examiner

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## **DEPARTMENT OF INFORMATION TECHNOLOGY**

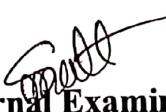


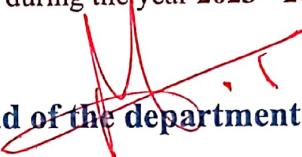
### **CERTIFICATE**

This is to certify that the Mini Project Report on "**DATA EXTRACTION USING WEB SCRAPING**" is a bonafide work by in partial fulfillment of the requirement for the award of the degree Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year **2023 - 2024**.

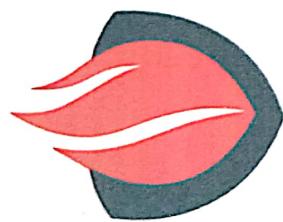
  
**Project Guide**

**MR. M. UDAYA KIRAN**  
Assistant Professor

  
**External Examiner**

  
**Head of the department**

**MR.B. SRINIVASULU**  
M.E, (phd) **Head of the Department**  
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DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

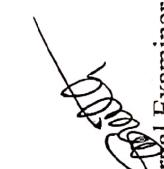
This is to certify that the Project Report on “FACE DETECTION AND DISTANCE MEASUREMENT WITH ADAPTIVE BRIGHTNESS ” is a bonafide work by Aditya Srivastava( 20911A1203 ), A.Gaurav Singh( 20911A1204 ), Wesley John Nalli( 20911A1259 ) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

  
Project Guide

Mrs. J. Bramaramba (M.Tech)  
Assistant Professor

Mr. B. Srinivasulu(Ph.D)

Professor Head of the Department  
Dept. of Information Technology  
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External Examiner



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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "Phishing Website Detection" is a bonafide work by Sowmya (20911A1215), Keerthi Priya (20911A1220) and Kaveri (20911A1226) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" INTU Hyderabad during the year 2023 - 2024.

Masrath -  
Project Guide

Dr . Masrath Parveen

CSE,(phd)

Assistant Professor

Head of the department

Mt. B. Srinivasulu

M.E. (phd)

Professor

Head of the Department  
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Brutto  
External Examiner

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Hyderabad) Aziz Nagar Gate, C.B.Post, Chilkur Road, Hyderabad -  
500075

## **DEPARTMENT OF INFORMATION TECHNOLOGY**



### **CERTIFICATE**

This is to certify that the Mini Project Report on “Automated Attendance Using Node Mcu” is a bonafide work by **C.Bhanu Teja (20911A1214)**, **D.Vanshika (20911A1216)** and **P.Bhanu Prasad (20911A1240)** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

  
**Project Guide**

Mr.Mohd Sirajuddin,  
Assistant Professor.,

  
**Head of the department**

Mr. B. Srinivasulu,  
Head of the Department  
M.E., Dept. of Information Technology  
Professor, Vidya Jyothi Institute of Technology  
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Hyderabad - 500 075, Telangana

  
**External Examiner**



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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on “**ChatGPT Clone**” is a bonafide work by Sandeep(20911A1286), Samyuktha(20911A1287) and Paritha (20911A1289) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in **“INFORMATION TECHNOLOGY”** JNTU Hyderabad during the year **2023 - 2024**.

Project Guide

Mrs . B.Deepthi Reddy

M.Tech

Assistant Professor.

Head of the department

Mr. B. Srinivasulu,

M.E, (phd)

Professor.

Head of the Department  
Dept. of Information Technology  
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External Examiner

# **VIDYA JYOTHI INSTITUTE OF TECHNOLOGY**

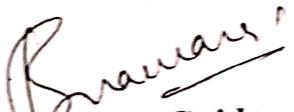
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Hyderabad - 500075

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

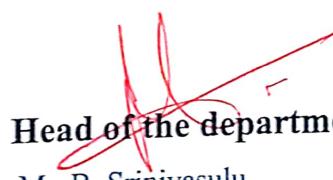


### **CERTIFICATE**

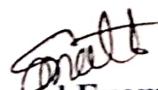
This is to certify that the Mini Project Report on "**HOTEL MANAGEMENT SYSTEM**" is a bonafide work by **MOHAMMED OMER (20911A1234)**, **HARSHA VARDHAN (20911A1239)** and **EAMAN SINGH (20911A1246)** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year **2023 - 2024**.

  
**Project Guide**

Mrs. J. Bramaramba  
Assistant Professor.

  
**Head of the department**

Mr. B. Srinivasulu,  
M.E.,(phd)  
Dept. of Information Technology  
Professor  
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Hyderabad - 500 075, Telangana

  
**External Examiner**

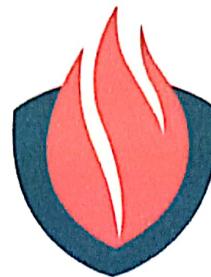
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Hyderabad) Aziz Nagar Gate, C.B.Post, Chilkur Road, Hyderabad -

500075

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### **CERTIFICATE**

This is to certify that the Mini Project Report on "**Online Restaurant Management**" is a bonafide work by **Zoha Kaunain Samra (20911A1260)**, **Mohd Faisal Shareef (20911A1235)** and **Mandlem Srinidhi (20911A1248)** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year **2023 - 2024**.

*Padmapriya*  
Project Guide 11/12/23

Mrs. J.Padma Priya,  
Assistant Professor.

*[Signature]*  
**Head of the department**

Mr. B. Srinivasulu,  
M.E.,(phd)

*[Signature]*  
**Professor,**  
**Dapt. of Information Technology**  
**Vidya Jyothi Institute of Technology**  
**Aziz Nagar Gate, C.B. Post**  
**Hyderabad - 500 075, Telangana**

*[Signature]*  
**External Examiner**

## VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

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### DEPARTMENT OF INFORMATION TECHNOLOGY



#### CERTIFICATE

This is to certify that the Mini Project Report on "Voice GPT" is a bonafide work by **A.Ajay Kumar(20911A1206)**, **H.Ashish (20911A1224)** and **V.Spoorthi (20911A1258)** in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023 - 2024.

Head of the department

Mr. B. Srinivasulu,  
Head of the Department  
Dept. of Information Technology  
**M.E. (PhD)**  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Professor.  
Hyderabad - 500 075, Telangana

#### Project Guide

**Mrs. V. Subha Lakshmi.**

**M.Tech**

**Assistant Professor**

External Examiner

## VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

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### DEPARTMENT OF INFORMATION TECHNOLOGY



#### CERTIFICATE

This is to certify that the Mini Project Report on "Voice GPT" is a bonafide work by A.Ajay Kumar(20911A1206), H.Ashish (20911A1224) and V.Spoorthi (20911A1258) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023 - 2024.

Head of the department

Mr B Srinivasulu  
Head of the Department  
Dept. of Information Technology  
M.E.(PhD)  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana  
Professor.

#### Project Guide

Mrs. V. Subha Lakshmi.

M.Tech

Assistant Professor

External Examiner



**VIDYA JYOTHI**  
**INSTITUTE OF TECHNOLOGY**  
AN AUTONOMOUS INSTITUTION

## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on "Validation of Certificate" is a bonafide work by M.Bala Sandeep Kumar(20911A1298), K.Vikram Kumar(20911A1295) and A.Vinay Kumar(20911A1264) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023 - 2024.

K.B.R  
**Project Guide**

Mr.B.Amarnadh Reddy  
Assistant Professor

M.B.Srinivasulu  
**Head of the department**

Mr. B. Srinivasulu  
M.E (phd)  
<sup>Head</sup> of the Department  
Professor, Information Technology  
Department of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

D.S  
**External Examiner**

A MINI PROJECT REPORT ON  
"ALGORITHM ANALYZER"  
In partial fulfilment of the requirements for the award of the degree of  
**BACHELOR OF TECHNOLOGY**  
IN  
**INFORMATION TECHNOLOGY**

	Submitted by	
Ch. Sadhana	Ch. Shashi Kumar	M. Jeevana Priya
20911A1273	20911A1276	20911A1299

**Under the Esteemed Guidance of**  
**Mr . Mohd. Sirajuddin**  
**Assistant Professor**



**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**VIDYA JYOTHI INSTITUTE OF TECHNOLOGY**

(Accredited by NBA, Approved by AICTE, Affiliated to JNTU Hyderabad) Aziz Nagar Gate,  
C.B.Post, Chilkur Road, Hyderabad – 500075

2023 - 2024



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Aziz Nagar Gate, C.B. Post, Hyderabad-500075

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the project report titled "HandWriting Recognition" is being submitted by ABHISHEK PATIL (20911A1261), J.PRASHANTHI (20911A1285), M.SHIRISHA (20911A12A1) in partial fulfilment for the award of the Degree of Bachelor of Technology in **INFORMATION TECHNOLOGY**, is a record of bona fide work carried out by us under my guidance and supervision.

**Project Guide**

Mr. B Eswar Banala

Associate Professor

**External Examiner**

**Head of Department**

Professor B Srinivasulu Reddy  
**Head of the Department**  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "Validation of Certificate" is a bonafide work by Kalyani(20911A12A0), Vennela(20911A1271) and Manisha (20911A12H9) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY"

JNTU Hyderabad during the year 2023 - 2024.

Project Guide

Mr.B.Amarnadh Reddy  
Assistant Professor

Head of the department

Mr. B. Srinivasulu Head of the Department  
M.E, (phd)  
Vidya Jyothi Institute of Technology  
Professor  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

External Examiner



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AN AUTONOMOUS INSTITUTION

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "Road Accident Detection using Deep Learning" is a bonafied work by G.SAIKIRAN REDDY(20911A1282),GUNDAY ADAM SAMPATH KUMAR (20911A1283),G.SAMPATH(20911A1284) in partial fulfillment for the award of the Degree of Bachelor of Technology in INFORMATION TECHNOLOGY,JNTU Hyderabad during the year 2023-2024

  
**Project Guide**

Mrs. M.SHARWANI,

M. Tech

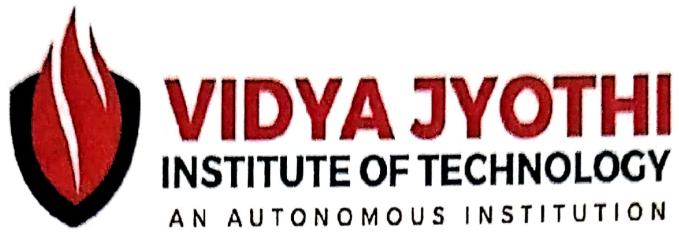
Assistant Professor

  
**Head of the Department**  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Mr. B. SRINIVASULU,  
Aziz Nagar Gate, C.B. P.O.  
Hyderabad - 500 075, Telangana

M.E, (Ph.D)

Professor.

  
**External Examiner**



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on “FAKE NOTE DETECTION USING IMAGE PROCESSING TECHNIQUES” is a bonafide work by **G. ROHITH SAI (20911A1223)**, **M. VISHAL KUMAR (20911A1269)** and **E. BHARATH (20911A12D6)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year **2023- 2024**.

#### Project Guide

MR. K. Chiranjeevi

Assistant Professor

#### ~~Head of Department~~

Mr. B. Srinivasulu

M.E., (Ph.D)

Professor  
~~Head of the Department~~  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Negar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

External Examiner



**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**2023-2024**

**CERTIFICATE**

This is to certify that the project report titled “AGRONOMY PREDICTION FOR KISAN” is being submitted by D.VijayVardhanReddy(20911A218) ,D.Manoj Reddy(20911A1219) and U.Lokesh(20911A1254). in partial fulfillment for the award of the Degree of Bachelor of Technology in **INFORMATION TECHNOLOGY**, is a record of bonafide work carried out by us under my guidance and supervision .

**Project Guide**

Mrs. M. Sharwani  
Assistant Professor

**Head of the department**

Mr. B. Srinivasulu  
M.E.(ph.D) Department Head  
Dept. of Information Technology  
Professor  
Vidya Jyothi Institute of Technology  
Aziz Negar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

**External Examiner**



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Aziz Nagar Gate, C.B. Post, Hyderabad-500075

2023-2024

### DEPARTMENT OF INFORMATION TECHNOLOGY

#### CERTIFICATE

This is to certify that the project report titled “General Store Database Management System” is being submitted by E.DHARANI(20911A1221),M.SRAVYA(20911A1233),B.VIHAREE(20911A1270) and M.RISHITH GOUD(20911A1281) in partial fulfillment for the award of the Degree of Bachelor of Technology in Information technology, is a record of bonafide work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree of diploma.

**Project Guide**  
Mr.D.Anil  
Associate Professor

**Head of Department**  
Mr.B.Srinivas Reddy  
M.E,(phd)

**Professor**  
**Head of the Department**  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

**External Examiner**



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AN AUTONOMOUS INSTITUTION

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “TERMINAL AI” is a bonafide work by **Bobbali Bharath Kumar(20911A12C7)**,**Boggula Praneeth Kumar(20911A12C8)** and **Chepuri Vamshi Krishna(20911A12D3)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

**Project Guide**

Mr. M.Udaya Kiran,  
Assistant Professor.

**Head of the department**

Mr. B. Srinivasulu, Head of the Department  
M.E, (phd) Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Professor Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

External Examiner



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### DEPARTMENT OF INFORMATION TECHNOLOGY

#### CERTIFICATE

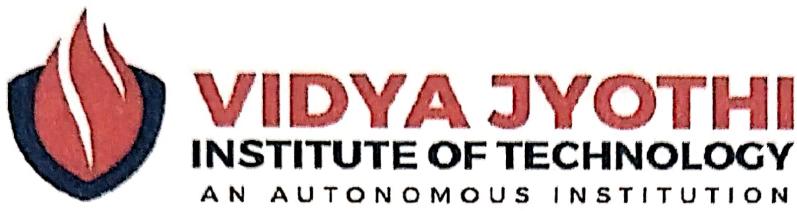
This is to certify that the project report titled "Expedia Destination Hub" is being submitted by **D.JASHNAVI (20911A1277), D.PRATHYUSHA (20911A1279), R.SHRAVIKA REDDY (20911A12B2)** in partial fulfilment for the award of the Degree of Bachelor of Technology in **INFORMATION TECHNOLOGY**, is a record of bonafide work carried out by us under my guidance and supervision.

**Project Guide**  
Mr. K. Chiranjeevi  
Assistant Professor

**Head of Department**  
Dr. B. Srinivasulu (M.E - PHD)

**Professor Head of the Department**  
Dept. of Information Technology  
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Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

**External Examiner**



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on “**Water Quality Analysis**” is a Bonafide work by **Vaishnavi (20911A12B1)**, **Bhavya Sree(20911A12B0)** and **Sreenanda (20911A1293)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.

Project Guide  
Ms. G. Indira Priyadarshini  
M. Tech  
Associate Professor

Head of the Department  
Mr. B. Srinivasulu,  
M.E, (PhD)

Head of the Department  
Professor  
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External Examiner



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This is to certify that the Project Report on “Age and Gender Image Analyzer using Deep Learning” is a bonafied work by P. Sai Kumar (20911A12A9), N.Kushmitha(21915A1211), S.Guru Sai(21915A1214) in partial fulfilment for the award of the Degree of Bachelor of Technology in INFORMATION TECHNOLOGY, JNTU Hyderabad during the year 2023-2024.

Project Guide

Mrs. J. Bramaramba,

M. Tech

Assistant Professor

Head of the Department

Head of the Department  
Mr. BoSrinivasulu, M.E., Ph.D., HOD, Department of Information Technology  
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M.E., (Ph.D) Gate, C.B. Post  
Hyderabad - 500 075, Telangana  
Professor.

External Examiner



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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**2023-2024**

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This is to certify that the project report on “COLOR DETECTION” is a Bonafide work by Kiran Kumar(20911A12B8), Manoj Yadav(20911A12A8) and Shiva Bharath (20911A1292) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023-2024

**Project Guide**

Mrs. D. Sravanthi  
M. Tech  
Assistant Professor

**Head of the Department**

Mr. B. Srihari  
Dept. of Information Technology  
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Vidya Jyothi Institute of Technology  
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**External Examiner**

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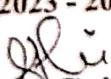
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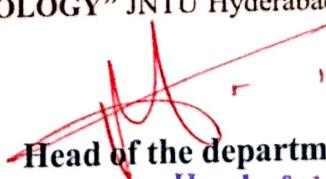
**DEPARTMENT OF INFORMATION TECHNOLOGY**

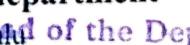


**CERTIFICATE**

This is to certify that the Mini Project Report on “EXPLORING GPT-4 AND LANG CHAIN” is a bonafide work by **Hatkar Ruthwik (20911A12E4)**, **Enukonda Aravind (21915A1204)** and **N.Siddartha (20911A12G3)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year **2023 - 2024**.

  
**Project Guide**  
Mrs.D.Sravanthi  
Assistant Professor

  
**Head of the department**

Mr. B. Srinivasulu   
**Head of the Department**  
M.E(Ph.D) Dept. of Information Technology  
Professor Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

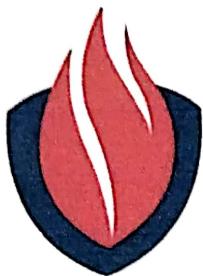
  
**External Examiner**

**VIDYA JYOTHI INSTITUTE OF TECHNOLOGY**  
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**CERTIFICATE**

This is to certify that the Mini Project Report on “**Web Resources Application**” is a bonafide work by **Dileep Boorla (20911A12C9), Anupriya Challa(20911A12D1) and Sowmya Vanga(20911A12E7)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.

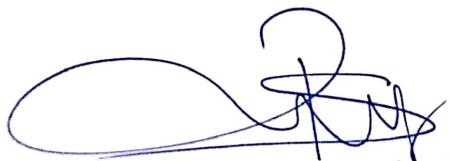
**Project Guide**  
Mr. B Srinivasulu  
M.E(Ph.D)  
Professor

**Head of the department**

Mr. B. Srinivasulu

M.E(Ph.D)  
Professor

**Head of the Department**  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

  
**External Examiner**



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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “**Heart Stroke Prediction** ” is a bonafide work by  
**P. Sai Shiva Teja(20911A12G6), P. Sai Abhinay(20911A12G4) and P. Nagesh (20911A12G7)**  
in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in  
“**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.

**Project Guide**

Mr . Amarnadh Reddy  
M.Tech  
Assistant Professor.

**Head of the department**

**Head of the Department**  
Mr.B.Srinivasulu, M.Tech  
Vidya Jyothi Institute of Technology  
M.E (phd) Professor.  
Aziz Nagar Gate, C.B. Post  
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**External Examiner**



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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “**OBJECT DETECTION USING ESP 32 CAM**” is a bonafide work by P. Sai Prem Kumar (21915A1213), L. Ajith Kumar (20911A12F3) and Shaik Nagoor (20911A12H4) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

  
**Project Guide**

Mr.C Ahanda Kumar Reddy  
Assistant Professor.

  
**Head of the department** Head of the Department  
Mr. B. Srinivasulu Dent. of Information Technology  
Vidya Jyothi Institute of Technology  
M.E, (phd) Aziz Nager Gate, C.B. Post  
Professor. Hyderabad - 500 075, Telangana

  
**External Examiner**



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**AN AUTONOMOUS INSTITUTION**

### **DEPARTMENT OF INFORMATION TECHNOLOGY**

#### **CERTIFICATE**

This is to certify that the Project Report on "**Medicine Time Alert**" is a bonafide work by Jayanth (20911A12D2), Deekshitha (20911A12H5) and Karthik (20911A12H7) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year

**2023 - 2024.**

**Head of the department**

**Mr. B. Srinivasulu**  
**Head of the Department**  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad 500084  
**M.E.(PhD)** Professor, Telangana

#### **Project Guide**

Mrs. V. Subhalakshmi

Assistant Professor.

*S. Subhalakshmi*  
04/11/23

**External Examiner**



# **VIDYA JYOTHI**

## **INSTITUTE OF TECHNOLOGY**

**AN AUTONOMOUS INSTITUTION**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

### **CERTIFICATE**

This is to certify that the Project Report on "Neural Network Based Agricultural Land Image Classification" is a bonafide work by Vinay (20911A12D9), Praneeth (20911A12G9), Rohith (20911A12H2) and Shashidhar (20911A12H6) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year

**Project Guide**

Mr.Mohd.Sirajuddin

Assistant Professor .

**2023 - 2024.**

**Head of the department**

Mr . B. Srinivasulu,

**Head of the Department**  
M.E.(PhD)  
Dept. of Information Technology  
Professor  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

**External Examiner**



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the Project Report on "**Obstacle Detection Using Arduino Nano and Ultrasonic Sensor**" is a bonafide work by **A.Archi (20911A12C4)**, **R.Mani Lokesh (20911A12H0)** and **D.Harshitha (20911A12D5)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023 - 2024.



**Project Guide**

Mrs. S. Divya  
M.Tech  
Assistant Professor.



**Head of the department**  
Head of the Department  
**Mr. B. Srinivasulu**  
Dept. of Information Technology  
Vidya Jyothi M.S.B. College of Technology  
Aziz Naga Professor C.B. Post  
Hyderabad - 500 075, Telangana



**External Examiner**



**VIDYA JYOTHI**  
INSTITUTE OF TECHNOLOGY  
AN AUTONOMOUS INSTITUTION

### CERTIFICATE

This is to certify that the Project Report on “BTP DNA INSPIRED CRYPTOGRAPHIC ALGORITHM FOR IMAGE ENCRYPTION AND DECRYPTION” is a Bonafide work by SHIVANI(20911A12E1), VAMSHI(20911A12E6) and BHAVANA(20911A12E8) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024.

#### Project Guide

MRS.M.VIJAYALAXMI

M.Tech

Assistant Professor

~~Head of the department~~  
~~Head of the Department~~  
~~Mr.B.Srinivasulu~~  
~~Dept. of Information Technology~~  
~~M.E.(PhD) Professor~~  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

External Examiner



## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report on “Customer Segmentation & Analysis” is a Bonafide work by Rahul (20911A12A7), Akhil (21915A1206) and Gowtham Naidu(20911A12B4) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023-2024.

  
**Internal Guide**

Mrs. K. Shreesha  
M. Tech  
Assistant Professor

  
**Head of the Department**

Mr. B. Srinivasulu  
M.E, (phd)  
Professor

  
**External Examiner**  
Head of the Department  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana



**VIDYA JYOTHI**  
**INSTITUTE OF TECHNOLOGY**  
AN AUTONOMOUS INSTITUTION

DEPARTMENT OF INFORMATION TECHNOLOGY

**CERTIFICATE**

This is to certify that the Project Report on "**AN EFFICIENT NOVEL APPROACH FOR PREDICTION OF START-UP COMPANY SUCCESS RATES THROUGH MACHINE LEARNING PARADIGMS**" is a bonafide work by Bakki Niveditha(20911A12C5), Kanneboina Praharsha(20911A12F0), Gade Rohith(20911A12E0) in the partial fulfilment of the required for the award of the degree of Bachelor of Technology in "Information Technology" JNTU Hyderabad during the year 2023-2024.

  
Project Guide

Mrs. Deepti Reddy  
Assistant professor

  
Head of department  
Head of the Department  
Dept. of Information Technology  
Vidya Jyothi Institute of Technology  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana  
Professor

  
External Examiner



**VIDYA JYOTHI**  
INSTITUTE OF TECHNOLOGY  
AN AUTONOMOUS INSTITUTION

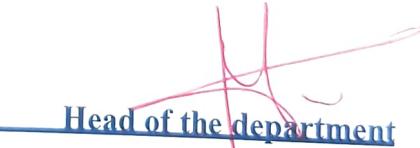
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "**BigMart Sales Prediction**" is a sales predictor for a retailchain by **K.KrishnamRaju(21915A1208)**, **MD.Irfanuddin(21915A1209)** and **MD.Taher Ahmed(21915A1210)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year **2023- 2024**.

  
**Project Guide**

Mr .D.Anil  
Associate  
Professor

  
**Head of the department**

Mr. B. Srinivasulu,

M.E, phD

Professor.

Department of Information Technology,  
VIDYA JYOTHI INSTITUTE OF TECHNOLOGY  
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**External Examiner**

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Aziz Nagar Gate, C.B.Post, Chilkur Road, Hyderabad – 500075

**DEPARTMENT OF INFORMATION TECHNOLOGY**



**CERTIFICATE**

This is to certify that the Project Report on “**Hand Gesture Volume Control System**” is a bonafide work by **CH.Sai Surya (20911A12D4)**, **G. Deepika (20911A12E3)** and **G. Nithish Chandra (20911A12E2)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**.



**Project Guide**

Mrs.K Shireesha ,  
M.Tech ,  
Assistant Professor.



**Head Of the Department**

Mr. B. Srinivasulu,

M.E.,

Professor.

Head of the Department  
Dept. of Information Technology  
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**External Examiner**



**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on “Content Aggregator” is a bona fide work by T.Tarun raj(21915A1216), B.Maanas(20911A12F5) and C.Dhanush(20911A12D0) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023 - 2024

Project guide

**MR. Mallikharjun Rao**

M.Tech

Assistant Professor.

Head of the department

Mr. B. Srinivasulu  
Head of the Department  
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Professor  
Aziz Nagar Gate, C.B. Post  
Hyderabad - 500 075, Telangana

External Examiner



## DEPARTMENT OF INFORMATION TECHNOLOGY

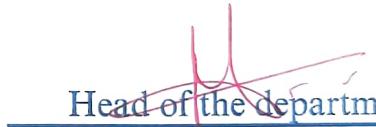
### CERTIFICATE

This is to certify that the Project Report on “Video Summarization System” is a bonafide work by **K. Venkat Raghava (20911A12F2), M. Ganesh (20911A12G1) and M. Nithin (20911A12G0)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year **2023 - 2024**.

  
Project Guide

Dr.D.Marlene Grace Verghese

Associate Professor.

  
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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report titled “Find Your Lost Thing” is being submitted by R. Hari Akshith (20911A12B3), K. Karthik Goud (20911A1291), Md. Abdul Adnan (20911A12A3), in partial fulfillment for the award of the Degree of Bachelor of Technology in Information Technology, is a record of bonafide work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

*Special*  
Internal Guide

Dr. Masrath Parveen  
Assistant Professor

*[Signature]*  
Head of Department

Mr. B. Srinivasulu Reddy  
Professor  
Head of the Department  
Dept. of Information Technology  
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*[Signature]*  
External Examiner



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## DEPARTMENT OF INFORMATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report titled "**Pothole Detection**" is being submitted by A.SaiKarthik(20911A12C3),Y.VenkatSai(20911A12C0),S.Manoj(2091112B5),inpartialfulfillment for the award of the Degree of Bachelor of Technology in Information Technology, is a record of bonafide work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.



Internal Guide

Mr.C.Ramakrishna  
Assistant Professor



Head of Department

Mr.B.Srinivasulu  
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Professor, of Information Technology  
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**CERTIFICATE**

This is to certify that the Project Report on “**The Email-spam classifier**” is a bonafide work by Madhuri (10911A12D8), Amulya (20911A12F9) and Mohammad shameer Yaseen(20911A12D7) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year **2023 - 2024**

  
Internal Guide

Mrs. T. Keerthi

M.Tech

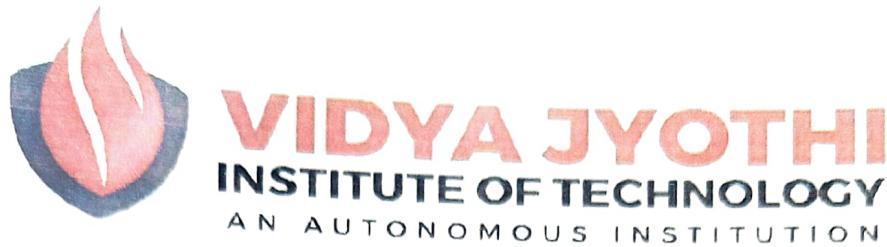
Assistant Professor

  
Head of the Department

Mr. B. Srinivasulu

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Professor  
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### CERTIFICATE

This is to certify that the Project Report on "**Extracting Text from Video**" is a bonafide work by **A. Ashritha (20911A12C2)**, **A. Sandeep (20911A12C1)** and **S. Sushith (20911A1249)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year **2023 - 2024**.

**Project Guide**

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2023-2024  
DEPARTMENT OF INFORMATION TECHNOLOGY

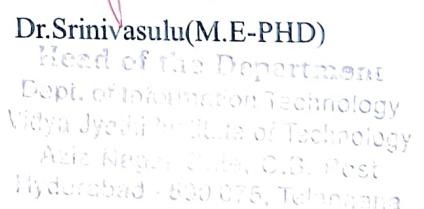
### CERTIFICATE

This is to certify that the Project Report on "**Online Examination system**" is a bonafide work by P.Naveen reddy(20911A12G5), SK Khayum(20911A12H3) and Dileep (20911A1215) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU Hyderabad during the year 2023 - 2024.

  
**Project Guide**

Mr.R.Tamil Selvan  
(M.E, Assistant professor)

  
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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "Budget Basket" is a bonafide work by R.Shivani (20911A12G8), U.Ashwini (20911A12J0) and N.Sreeja (21915A1212) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023-2024.

Mr. C Ananda Kumar Reddy

Assistant Professor

  
~~Head of the Department~~

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2023-2024

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the project report titled "**STUDENT ID CARD WITH QR CODE**" is being submitted by **MD AFFAN ABIDEEN (20911A12F6)**, **TALHA ANZAR (20911A12H8)**, **CHANDRA.SHEKAR(21915A1217)**, **B.AJAY.KUMAR(20911A12C6)** in partial fulfillment for the award of the Degree of Bachelor of Technology in **Information Technology**, is a record of bonafide work carried out by them under my guidance and supervision. These results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Internal Guide**

Mrs.J.Bramaramba  
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**Head of Department**

Mr .B Srinivasalu

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DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

This is to certify that the Project Report on “**NUMBER PLATE DETECTION SYSTEM**” is a bonafide work by Mohammed Taufeeq Baig(20911A12F8), Mohammed Shoib Ahmad(20911A12F7), S.Jai Charan Reddy(20911A12H1) and N.Nishanth Sharma(20911A12G2) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in “**INFORMATION TECHNOLOGY**” JNTU Hyderabad during the year **2023 - 2024**

  
Internal Guide

Mr. D. Anil

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE**

This is to certify that the Project Report on "**Secure Examination system with NodeMCU WiFi Deauther**" is a bonafide work by A.Bhanu Sai (20911A1202), G.Akhil (20911A1208) & Sk.Md.Shadaan (20911A1247) in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in "**INFORMATION TECHNOLOGY**" JNTU- Hyderabad during the year 2022 - 2023.

Project Guide

  
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EXTERNAL EXAMINER

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### **CERTIFICATE**

This is to certify that the Project Report on “Secure File Storage on Cloud Using Cryptography” is a Bonafide work by Suha Naaz (20911A12B6), D.Manasa (20911A12A2) and Sayeef-Ul-Islam (20911A12A4) in partial fulfilment of the requirement for the award of the Degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year 2023-2024.

*Mrs. J. Padma Priya*  
**Project Guide**  
MRS. J. PADMA PRIYA

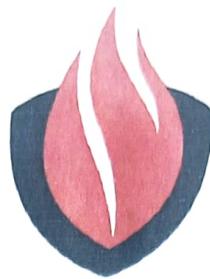
Assistant Professor.

*M. Srinivasulu*  
**Head of the Department**  
Mr. B. Srinivasulu,  
**Head of the Department**  
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*S. J. Srinivasulu*  
**EXTERNAL EXAMINER**

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## CERTIFICATE

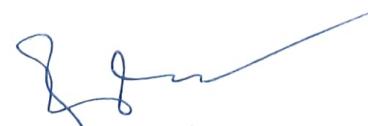
This is to certify that the Project Report on “AI VIRTUAL MOUSE USING OPENCV” is a bonafide work by **Mohd Raziuddin Khan (20911A12A5)**, **V. Pavani (20911A12B9)** and **T.Guru Shravya (20911A12B7)** in partial fulfilment of the requirement for the award of the degree of Bachelor of Technology in “INFORMATION TECHNOLOGY” JNTU Hyderabad during the year **2023 - 2024**.

R. Rajeev  
Project Guide

Mr. Tamil Selvan  
Associate Professor

  
Head Of the Department

Mr. B. Srinivasulu,  
M.E.,  
Professor

  
External Examiner

The project is submitted by  
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500075

### DEPARTMENT OF INFORMATION TECHNOLOGY



#### CERTIFICATE

This is to certify that the Mini Project Report on "**Smart Parking**" is a bonafide work by N.Sadasri(20911A12A6), D.Vaishnavi(21915A1202), K.Renuka(21915A1207) in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in "INFORMATION TECHNOLOGY" JNTU Hyderabad during the year 2023 - 2024.

#### Project Guide

Mr.Ananda Kumar Reddy Choppa

Assistant Professor

#### Head of the department

Mr. B. Srinivasulu

Head of the Department  
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