

## CERTIFICATE

This is to certify that the project report entitled, **EFFECTS ON CONCRETE BY REPLACEMENT OF RECYCLED COARSE AGGREGATE** that is being submitted by **P L SANGAMITRA (19A81A0126)**, **T URMILA DEVI (2085A0123)**, **S V V SAIKUMAR(20A85A0122)** **B R S ADI KUMAR(19A81A0102)** , **B KIRAN(20A85A0105)** in partial fulfillment for the award of Bachelor of Technology in Civil Engineering to **SRI VASAVI ENGINEERING COLLEGE** is a record of bonafide work carried out by her under my guidance and supervision.  
The results embodied in this project work have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Dr. G. RADHAKRISHNAN**

**Head of the Department**  
H O D Dept. of Civil Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM - 534101


  
**K.MEHAR SAI**


**Asst. Professor**  
**Project guide**

**External Examiner**

## CERTIFICATE

This is to certify that the project report entitled, **STRENGTH AND DURABILITY STUDIES ON FLY ASH BASED GEOPOLYMER MORTAR** that is being submitted by **K. KRISHNA SUPRAJA (20A85A0113), D. VIJAY KUMAR (20A85A0107), CH. NARENDRA KUMAR (19A81A0103), V. BHARGHAVI (20A85A0125), K. HARINADH (19A81A0109)** in partial fulfillment for the award of **Bachelor of Technology in Civil Engineering** to **SRI VASAVI ENGINEERING COLLEGE** is a record of bonafide work carried out by him under my guidance and supervision. The results embodied in this project work have not been submitted to any other University or Institute for the award of any degree or diploma.

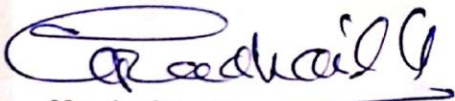
  
Head of the Department  
**Dr. G. RADHAKRISHNAN**

  
Project Guide  
**M PREMKUMAR RAJU**  
Assistant Professor

**External Examiner**

## CERTIFICATE

This is to certify that the project report entitled **PLANNING AND ESTIMATION OF DRAIN,ROAD AND SCHOOL BUILDING FOR RAMANNAGUDEM VILLAGE** is being carried by **K.Raja Mouli(20A85A0111),K.G.Sai Satyanarayana Murthy (19A81A0110),M.N.V.PavanKumar(19A81A0120),G.MareswaraRao(20A85A0134), V.PrudhviRaju (20A85A0137)**.In the partial fulfillments requirements for the award of **BACHELOR OF TECHNOLOGY degree in CIVIL ENGINEERING** for the academic year 2019-2023 to **SRI VASAVI ENGINEERING COLLEGE** is a record of bonafide work carried out by them under my guidance and supervision. The results embodied in this project work have not been submitted to any other University or Institute for the award of any degree or diploma.



Head of the Department  
Dr. G. RADHAKRISHNAN, Ph.D  
PROFESSOR & HOD  
CIVIL ENGINEERING

H O D Dept. of Civil Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM - 534101



Project Guide  
Mr .B.Hema Sundar  
Asst.professor  
Department of Civil Engg.

**EXTERNAL EXAMER**



## CERTIFICATE

This is to certify that the project report entitled, "AN EXPERIMENTAL STUDY ON BITUMINOUS MIX USING MODIFIED BINDER" that is being submitted by **T. JE GANESH SURYA TEJA (20A85A0124), K. SAI TANUJA (20A81A0114), K. VENKATA SATISH (20A81A0112), P. VENKATA HARISH (20A81A0125), Y. JOGI VENKATA NANAJI (20A81A0129)** in partial fulfillment for the award of **Bachelor of Technology in Civil Engineering** to **SRI VASAVI ENGINEERING COLLEGE** is a record of bonafide work carried out by him under my guidance and supervision. The results embodied in this project work have not been submitted to any other University or Institute for the award of any degree or diploma.

  
HEAD OF THE DEPARTMENT

**Dr. G. RADHAKRISHNAN**

H O D Dept. of Civil Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM - 534101

  
PROJECT GUIDE

**Mr. K. GOWTHAM KUMAR**

**Asst. Professor**

**Department of Civil Engg.  
SVEC, Tadepalligudem**

**EXTERNAL EXAMINER**



# SRI VASAVI ENGINEERING COLLEGE



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE

This is to certify that the project report entitled "**IOT BASED INTEGRATED PACKHOUSE FOR HORTICULTURAL PRODUCTS**" submitted by SPANDANA KARUTURI(19A81A0220), DIVYA BHARATHI KOKKIRLA(20A85A0225), SURENDRA KUMAR DANDRU(19A81A0208) and DANESWARI GUNA(19A81A0215) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in **ELECTRICAL & ELECTRONICS ENGINEERING**, for the academic year 2019-2023 from **SRI VASAVI ENGINEERING COLLEGE**, Tadepalligudem affiliated to JNTUK & accredited by NBA, is a record of bonafide work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

(SRI N. SRI HARISH, M. Tech)

  
HEAD OF DEPARTMENT

(Dr. SUDHA RANI)

  
EXTERNAL EXAMINER

**SRI VASAVI ENGINEERING COLLEGE**  
**(Autonomous)**

(Permanently Affiliated to JNTUK, Accredited by NBA & NAAC with 'A' Grade)  
Pedatadepalli, Tadepalligudem, W.G.Dt., AP- 534101

**DEPARTMENT OF**  
**ELECTRICAL & ELECTRONICS ENGINEERING**



**CERTIFICATE**

This is to certify that the project entitled **"SMART EV CHARGING STATION BY HYBRID POWER GENERATION"** is being submitted for partial fulfilment of the requirement for the award of the degree of **Bachelor of Technology** in Electrical & Electronics Engineering from **Jawaharlal Nehru Technological University, Kakinada** is a bonafide work done by **D.TEJASWI (20A85A0208), A.MURALI KAMESH (20A85A0201), G.PRADEEP SURYA (20A85A0212), A.BHARGAVSAI (19A81A0203)** under my supervision and it has been verified and found satisfactory for acceptance according to requirement of the university. This work is not submitted to any other institution/university for the award of Degree.

**PROJECT SUPERVISOR**

(Mr. Ch. V S R Gopala Krishna, M.Tech. (Ph.D.))

**HEAD OF THE DEPARTMENT**

(Dr. D. Sudha Rani, M.E., Ph.D.)

**EXTERNAL EXAMINER**



DEPARTMENT OF  
**ELECTRICAL & ELECTRONICS ENGINEERING**

**CERTIFICATE**

This is to certify that the project report entitled "A Reduced Switch 7-Level Triple Boost Switched Capacitor Based multi-level Inverter" being submitted by the students **G Sunil Kumar (19A81A0212), A. J Bhavitha (19A81A0204), Ch. L. V Pradeep (20A85A0206), M. B. T Prasanna Kumar (20A85A0232)** in partial fulfillment for award of the degree of **Bachelor of Technology in Electrical and Electronics Engineering** for the academic year 2019-2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to the **Jawaharlal Nehru Technological University Kakinada (JNTUK)**, Approved by A.I.C.T.E, New Delhi & Accredited by NAAC with 'A' Grade is a record of bonafide work carried out by them under my guidance and supervision.

PROJECT GUIDE

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE (Autonomous)

(Permanently Affiliated to JNTUK, Accredited by NBA & NAAC with 'A' Grade)  
Pedatadepalli, Tadepalligudem, W.G.Dt., AP- 534101

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



### CERTIFICATE

This is to certify that the project entitled "**ELECTRICAL RICE TRANSPLANTER**" is being submitted for partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology** in Electrical & Electronics Engineering from **Jawaharlal Nehru Technological University, Kakinada** is a bonafide work done by **CH. JOSHNA RATNAM (20A85A0207)**, **K.V.SIVA SURYA (19A81A0222)**, **D.NAGA VENKATA SATISH (19A81A0209)**, **K. H. N. V. SAI KUMAR (19A81A0218)**, **P. MANISHA (20A85A0248)**, **T. VARSHINI (19A81A0241)**, **M. VIJAYA DURGA (19A81A0225)**, **N.SAI KRISHNA (19A81A0231)** under my supervision and it has been verified and found satisfactory for acceptance according to requirement of the university. This work is not submitted to any other institution/university for the award of Degree.

**PROJECTSUPERVISOR**

**Mr. U. Chandra Rao, M.Tech(Ph.D)**  
Sr . Assistant Professor

**HEAD OF THE DEPARTMENT**

**Dr. D. Sudha Rani**  
Professor & HOD

**EXTERNAL EXAMINER**



# SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS)

(Permanently Affiliated To JNTUK, Accredited by NAAC with 'A'

grade) Pedatadepalli, Tadepalligudem, A.P-534101



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING CERTIFICATE

This is certify that this project entitled "ADAPTIVE HYBRID GENERALIZED INTEGRATOR BASED SMO FOR SOLAR PV ARRAY FED ENCODERLESS PMSM DRIVEN WATER PUMP" is the bonafide record of work carried out by **Ms.B.LAVANYA (20A81D5301)** in partial fulfillment of the requirements for the award of Master of Technology in Electrical & Electronics Engineering to the Autonomous, J.N.T.U.K is a record of bonafide work carried out by her under our guidance and supervision. The results embodied in the report have not been submitted to any other university or Institute for the award of any Degree.

  
Project Guide

Mr. V S R Gopala Krishna.Ch,  
M.Tech (Ph.D),Sr, Assistant professor

  
Head of the Department

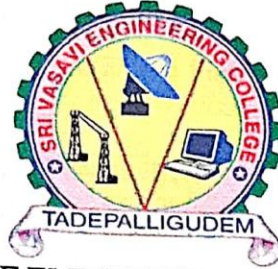
Dr.D.Sudha rani, ME, Ph.D  
Professor

  
External Examiner

# SRI VASAVI ENGINEERING COLLEGE

(Autonomous)

(Affiliated to Jawaharlal Nehru Technological University,  
Kakinada, A.P, Accredited by NAAC with 'A' Grade)  
Pedatadepalli, Tadepalligudem, A.P.-534101



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING CERTIFICATE

This is to certify that the project report entitled “**DESIGN AND CONTROL OF SHUNT ACTIVE POWER FILTER FOR POWER QUALITY IMPROVEMENT OF UTILITY POWER BRUSHLESS DC MOTOR**” is a bonafied work done by **P.VINDHYA LAKSHMI** bearing Roll No 19A81D5301, submitted in partial fulfillment for the requirement of the award of the degree of **Master of Technology** in Electrical & Electronics Engineering with specialization in **Power Systems Control & Automation Engineering during 2019-2021**. The results of investigation enclosed in this project have been verified & found satisfactory. The results embodied in this project have not been submitted to any other University or Institute for the award of any other degree.

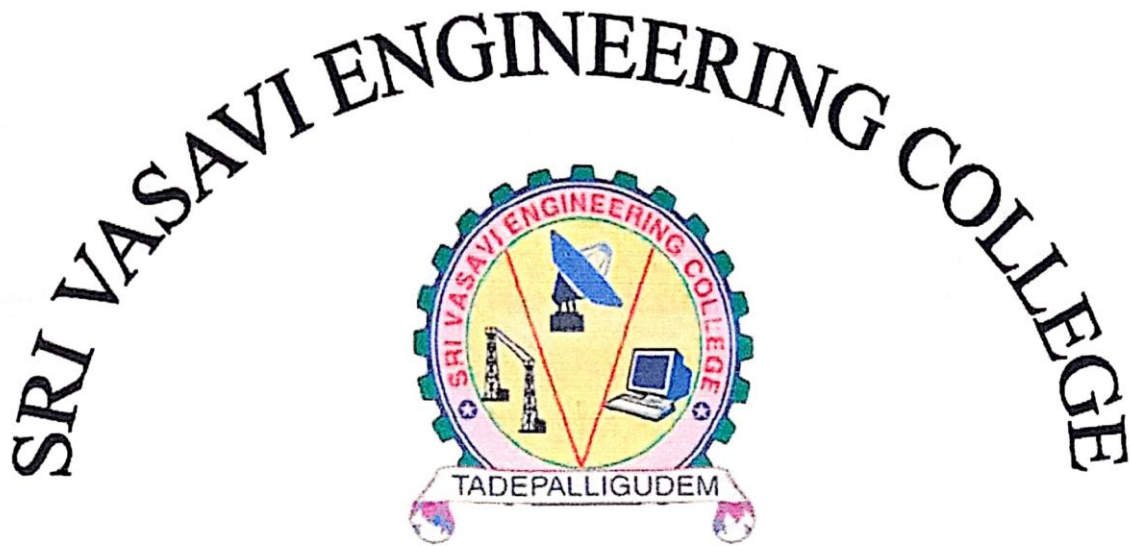
  
Project Guide

Dr.D.SUDHA RANI, Ph.D

  
Head of the Department

Dr.D.SUDHA RANI, Ph.D

  
EXTERNAL EXAMINER



DEPARTMENT OF  
ELECTRIAL & ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "**DESIGN AND DEVELOPMENT OF INTEGRATED SOLAR PV BASED WATER PURIFICATION SYSTEM AND IoT BASED WATER QUALITY MONITORING SYSTEM**" submitted by K.SUSHMA (20A81D5303) in partial fulfillment of the requirements for award of the Degree of Master of Technology in **ELECTRIAL & ELECTRONICS ENGINEERING** for the academic year 2020-2022 from **SRI VASAVI ENGINEERING COLLEGE**, Tadepalligudem affiliated to **JNTUK**, and **NAAC** with '**A**' grade is a record of bonafide work carried out by them under my guidance and supervision.

  
PROJECT SUPERVISOR

  
HEAD OF THE DEPARTMENT

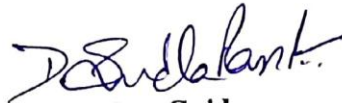
  
EXTERNAL EXAMINER


**DEPARTMENT OF  
ELECTRICAL & ELECTRONICS ENGINEERING**



**CERTIFICATE**

This is to certify that the project report entitled "DESIGN A SERIES INVERTER TO IMPROVE THE POWER QUALITY ON DISTRIBUTION SIDE" is a bonafide work done by suresh babu Yarlagadda submitted in partial fulfillment of the requirements for the award of the degree of **Master of Technology in Electrical & Electronics Engineering** with specialization in PSC&AE during 2020-2022. The results of investigation enclosed in this report have been verified and found satisfactory. The results embodied in this project report have not been submitted to any other University or Institute for the award of any other degree.

  
Project Guide  
**Dr.D.Sudha Rani, ME, Ph.D**  
**Professor**

  
Head of the Department  
**Dr.D.Sudha Rani, ME, Ph.D**  
**Professor**

  
**External Examiner**

## THESIS CERTIFICATE

This is to Certify that the Project entitled “**EXPERIMENTAL INVESTIGATION ON A DOUBLE SLOPE SOLAR STILL WITH BOTTOM FINNED ABSORBER BASIN & ENERGY STORAGE MATERIAL**” in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in **MECHANICAL ENGINEERING** for **SRI VASAVI ENGINEERING COLLEGE, TADEPALLIGUDEM**, affiliated to Jawaharlal Nehru Technological University Kakinada(JNTUK), Accredited by NBA & NAAC with ‘A’ grade, is a record of bonafide work carried out by them under my guidance and supervision.



Submitted By

<b>GOPIREDDI SAI</b>	<b>20A85A0315</b>
<b>NARAYANA SAI SUBRAHMANYAM</b>	<b>20A85A0334</b>
<b>KOMMIREDDY VINAY PALLAPA RAO</b>	<b>20A85A0323</b>
<b>ERICHARLA PRASANNA KUMAR</b>	<b>20A85A0311</b>
<b>KONDETI MANOJ</b>	<b>20A85A0324</b>

S.S.R.L  
3/5/23

**PROJECT GUIDE**

Dr. Subbarama Kousik Suraparaju,  
M. Tech., Ph.D.  
Asst. Professor

**HEAD OF THE DEPARTMENT**

Dr. M. Venkata Ramesh,  
M. Tech., Ph.D.  
Professor & HOD  
Head of the Department  
Mechanical Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**EXTERNAL**

**SRI VASAVI ENGINEERING COLLEGE (Autonomous)**

**TADEPALLIGUDEM**

**Department of Mechanical Engineering**



**CERTIFICATE**

This is to certify that the Project entitled “**DESIGN, MANUFACTURING AND TESTING OF A/C REMOTE HOLDER BY USING ADDITIVE MANUFACTURING**” is being submitted in partial fulfilment for the award of the degree of Bachelor of Technology in Mechanical Engineering is carried out by 19A81A0334 METTAPALLI AJAY KUMAR, 19A81A0313 DHANUKOTI BALAKANTH, 19A81A0355 TUMU SAI RAVI DEEPAK, 19A81A0356 VAKA SURYA VAMSI, 19A81A0318 GUBBALA PEDDIRAJU under my supervision and guidance during academic year 2022-2023.

**Dr. M.V. Ramesh** Ph.D, M.Tech.,

**Head of the Department**

**Dr. M.V. Ramesh** Ph.D, M.Tech.,

**Project Guide**

*Head of the Department  
Mechanical Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101*

**External Examiner**

# SRI VASAVI ENGINEERING COLLEGE

(Autonomous)

(Approved by A.I.C.T.E New Delhi and permanently affiliated to JNTU KAKINADA)

(Accredited by NAAC with A grade) TADEPALLIGUDEM

**DEPARTMENT OF MECHANICAL ENGINEERING**



This is to certify that the project entitled “**PATH PLANNING FOR MOBILE ROBOT**” is being submitted in partial fulfilment for the award of degree of **Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technology University, Kakinada** is a bonafide work carried out by **18A81A0320 K.J.V.MANIKANTA, 19A81A0320 J.ANAND VENKATA KUMAR RAJU, CH. NIKHIL AJAY BABU, 19A81A0350 S.VISWA KIREETI, 19A81A0336 M. SURYA PRAKASH** under my supervision and guidance during academic year 2019-2023.

**Dr. M.V. RAMESH**

**Head of the Department**  
Head of the Department  
Mechanical Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**Dr. M.V. RAMESH**

**Project Guide**

**External Examiner**



**DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING**

**CERTIFICATE**

This is to certify that the project report entitled "**CONTENT BASED IMAGE RETRIEVAL USING CONVOLUTIONAL NEURAL NETWORK**" submitted by N. Jagannadha Rao (19A81A04G3), R. Jnanpaul (19A81A04G9), K. Jayanth Kumar (20A85A0425), K. Lokesh Sai Mohan (19A81A04F2) in partial fulfillment for award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** for the academic year 2022- 2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to the Jawaharlal Nehru Technological University, Kakinada (JNTUK), Recognized by A.I.C.T.E, New Delhi, Accredited by NBA & NAAC with 'A' Grade is a record of bonafide work carried out by them under my guidance and supervision.

*Andhra*  
03/05

**PROJECT GUIDE**

*K. Anand Kumar*

**HEAD OF THE DEPARTMENT**

Head of the Department

Dept. of Electronics & Comm. Engineering

Sri Vasavi Engineering College

TADEPALLIGUDEM 524101

**EXTERNAL EXAMINER**



# SRI VASAVI ENGINEERING COLLEGE

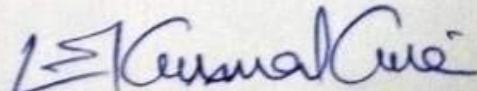


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### CERTIFICATE

This is to certify that the project report entitled "DESIGN AND IMPLEMENTATION OF APPROXIMATE 7:2 COMPRESSOR BASED 16-BIT DADDA MULTIPLIER" being submitted by the students **M.Venkanna (19A81A0487)**, **S.Jayasri (20A85A0410)**, **J.V.Kalyani (20A85A0414)**, **B.Ramjee(19A81A0469)**, **K.Manikanta(19A81A0483)**, in partial fulfillment for award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** from **Sri Vasavi Engineering College, Tadepalligudem**, affiliated to the **Jawaharlal Nehru Technological University, Kakinada (JNTUK)**, Recognized by **A.I.C.T.E, New Delhi**, Accredited by **NBA & NAAC with 'A' Grade**, is a record of bona-fide work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

  
HEAD OF THE DEPARTMENT  
Head of the Department  
Dept of Electronics & Commn Engineer  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

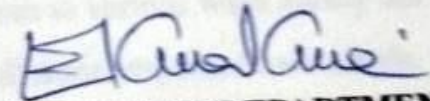
## CERTIFICATE

This is to certify that the project report entitled **"AN EFFICIENT VLSI ARCHITECTURE OF CIC FILTER FOR PROCESSING SEISMIC SIGNALS"** submitted by **K.Sriya Sahithi (19A81A0484)**, **K.Lilly Pratyusha (19A81A0486)**, **G.Anjanesh(19A81A0475)**, **S.Manohar(20A85A0412)**, **Ch.Harshith(19A81A0471)** in partial fulfillment for award of the Degree of Bachelor of Technology in Electronics and Communication Engineering from Sri Vasavi Engineering College, Tadepalligudem affiliated to the JNTUK, Kakinada Accredited by NBA and NAAC with 'A' grade, is a record of bonafied work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

Dr.S. V.V.Satayanarayana, M.Tech.,Ph.D

Assistant Professor

  
HEAD OF THE DEPARTMENT

Dr.E.KusumaKumari,M.Tech.,Ph.D

Professor&HOD

Head of the Department  
Electronics & Comm. Engineer  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

EXTERNALEXAMINER

# SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION ENGINEERING

## CERTIFICATE

This is to certify that the Project Report entitled "**FREQUENCY RECONFIGURABLE HIGH GAIN STACKED MICROSTRIP ANTENNA FOR X-BAND APPLICATIONS**" submitted by D. MOHAN DURGA REDDY (19A81A0473), A. VENKATA SAI SRIKAR (19A81A0464), M. VENKATESWARA RAO (19A81A0489), M. RAGHU VINAY KUMAR (19A81A0488), K. NAGA VENKATA PAVAN (19A81A0485) in partial fulfilment of the requirements for award of the Degree of Bachelor of Technology in Electronics and Communication Engineering, from Sri Vasavi Engineering College, Tadepalligudem affiliated to JNTUK, Accredited by NBA and NAAC with 'A' grade, is a record of bonafide work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

Dr. E. Kusuma Kumari M. Tech., Ph.D  
Professor & HOD.

  
HEAD OF THE DEPARTMENT

Dr. E. Kusuma Kumari M. Tech., Ph.D  
Professor & HOD.

Head of the Department,  
Dept. of Electronics & Comm. Engineering,  
Sri Vasavi Engineering College,  
TADEPALLIGUDEM 524101

**EXTERNAL EXAMINER**

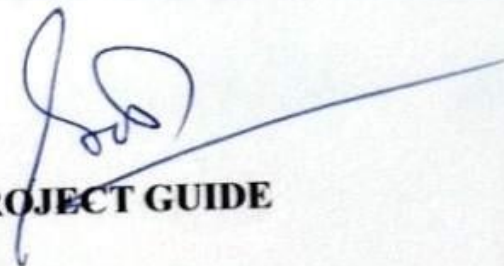
# SRI VASAVI ENGINEERING COLLEGE

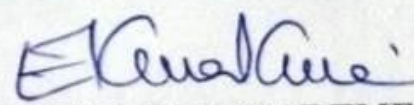


## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### CERTIFICATE

This is to certify that the project report entitled "IMPLEMENTATION OF CONSTANT MULTIPLIER FFT" being submitted by the students **K. RAMA LAKSHMI (19A81A04F4)**, **M. S. L. SURYA TEJ (19A81A04F5)**, **C. H. V. P. PRIYA (20A85A0424)**, **S. PRAVEEN BABU (19A81A04I0)** in partial fulfillment for award of the degree of **Bachelor of technology in Electronics and Communication Engineering** from **Sri Vasavi Engineering College, Tadepalligudem**, affiliated to the **Jawaharlal Nehru Technological University Kakinada (JNTUK)**, is a record of bonafide work carried out by them under my guidance and supervision.

  
**PROJECT GUIDE**

  
**HEAD OF THE DEPARTMENT**

Head of the Department  
Dept. of Electronics & Comm. Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

**EXTERNAL EXAMINER**

# SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS)



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

(AUTONOMOUS)

### CERTIFICATE

This is to certify that the project report entitled “**CAR PARKING SYSTEM USING IOT**” being submitted by the students **P.Karthik Sai Pavan (19A81A04G7)**, **Y.Satya Sravani (19A81A04H7)**, **P.Anusha (19A81A04G5)**, **S.Pothu Raju (20A85A0428)**, in partial fulfillment for award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** for the academic year 2022-2023 from **Sri Vasavi Engineering College, Tadepalligudem**, affiliated to the **Jawaharlal Nehru Technological University, Kakinada (JNTUK)**, Recognized by **A.I.C.T.E, New Delhi**, Accredited by **NBA & NAAC with ‘A’ Grade** is a record of bonafide work carried out by them under my guidance and supervision.


*Y.T. S. Narasimha*  
PROJECT GUIDE

*[Signature]*  
HEAD OF THE DEPARTMENT

Head of the Department  
Dept. of Electronics & Commn. Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 534101

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

The logo of Sri Vasavi Engineering College is circular with a gear-like border. Inside the circle, there is a stylized 'V' shape. The top part of the 'V' is green, the middle part is purple, and the bottom part is yellow. The text 'SRI VASAVI ENGINEERING COLLEGE' is written around the top inner edge of the circle, and 'TADEPALLIGUDEM' is written at the bottom.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION TECHNOLOGY

### CERTIFICATE

This is to certify that the project report entitled, **“COMBINING STEREO IMAGES TO OBTAIN SUPER RESOLUTION IMAGES BY USING CVC METHOD”** being submitted by the students A. Bhagya Sri Hani (20A85A1401), Ch. Alekhya (19A81A1406), L. Lavanya Priyanka(19A81A1426), K. Sriram (19A81A1420), K. D. Jnaneswar (19A81A1419) in partial fulfillment for award of the degree of Bachelor of Technology in Electronics and Communication Engineering for the academic year 2019- 2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to the Jawaharlal Nehru Technological University Kakinada (JNTUK), Approved by A.I.C.T.E., New Delhi, Accredited by NBA & NAAC with ‘A’ Grade is a record of bonafide work carried out by them under my guidance and supervision.

*Audhu*  
03/05

PROJECT GUIDE

*[Signature]*  
HEAD OF THE DEPARTMENT

Head of the Department  
Department of Electronics & Commn Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF  
ELECTRONICS AND COMMUNICATION TECHNOLOGY  
(AUTONOMOUS)

## CERTIFICATE

This is to certify that the project report entitled "**AUTHENTICATED ACCESS CONTROL FOR VEHICLE IGNITION SYSTEM**" submitted by **K.Jahnavi Durga(19A81A1416)**, **G.Jyothi(19A81A1413)**, **K.Tejaswi(19A81A1417)**, **K.Koteswara Rao(19A81A1421)**, **K.R.P.Guta(19A81A1424)**, in partial fulfillment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication Technology, from Sri Vasavi Engineering College, Tadepalligudem, affiliated to Jawaharlal Nehru Technological University Kakinada(JNTUK), Accredited by NBA & NAAC with 'A' grade, is a record of bonafide work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

(Sri K.P.Rao)

  
HEAD OF THE DEPARTMENT

( Dr.E.Kusuma Kumari)

Head of the Department  
Dept of Electronics & Commn. Engg  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS)

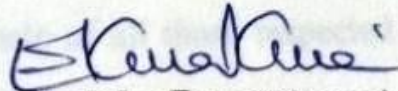


DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION TECHNOLOGY

## CERTIFICATE

This is to certify that the project report entitled "Automatic Vehicle Accident Detection and Speed Control System" submitted by the students J.Y.RAMYA SREE (19A81A1415), K.J.S.AMBICA (20A85A1403), CH.VENKATA NARESH (19A81A1408), K.SRINIVAS (19A81A1425), B.NARESH (19A81A1405) in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Electronics and Communication for the academic year 2019-2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to JNTUK, recognized by A.I.C.T.E, New Delhi, Accredited by NBA, NAAC 'A' grade is a record of bonafide work carried out by them under my guidance and supervision.

  
Project Guide

  
Head of the Department

Head of the Department  
Dept. of Electronics & Commn. Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM 524101

EXTERNAL EXAMINER



# SRI VASAVI ENGINEERING COLLEGE

(AUTONOMOUS)



**ELECTRONICS AND COMMUNICATION TECHNOLOGY**

(AUTONOMOUS)

## CERTIFICATE

This is to certify that the project report entitled **"IMPLEMENTATION OF 5:2 COMPRESSOR BASED DADDA MULTIPLIER USING VERILOG"** being submitted by the students T.V.S. Ramya Sri (20A85A1406), P. Harshini (19A81A1442), V. Vasavi Krishna Sri (19A81A1452), P. Sowmya (19A81A1440) & R. Sai Pavan (19A81A1446) in partial fulfillment for award of the degree of Bachelor of Technology in Electronics and Communication Technology for the academic year 2022-2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to the Jawaharlal Nehru Technological University, Kakinada (JNTUK), Recognized by A.I.C.T.E, New Delhi, Accredited by NBA & NAAC with 'A' Grade is a record of bonafide work carried out by them under my guidance and supervision.

*Prag*

PROJECT GUIDE

*[Signature]*

HEAD OF THE DEPARTMENT

Dept of Electronics & Commn Engneer  
Sri Vasavi Engineering Colle  
TADEPALLIGUDEM 524101

EXTERNAL EXAMINER

# SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION TECHNOLOGY (AUTONOMOUS)

### CERTIFICATE

This is to certify that the project report entitled “ **RASPBERRY PI BASED CUSTOMISED SMART GUIDING GLASSES FOR BLIND PEOPLE**” being submitted by the students. **P. Sri Lakshmi Meghana (19A81A1441), M. Lavanya (19A81A1435), P. Sekhar (19A81A1443), P. Anand Sai Kumar (19A81A1438), & M. Hemanth Naga Satya Sai (19A81A1428)** in partial fulfillment for award of the degree of **Bachelor of Technology in Electronics and Communication Technology** for the academic year 2022-2023 from Sri Vasavi Engineering College, Tadepalligudem, affiliated to the **Jawaharlal Nehru Technological University Kakinada (JNTUK)**, Recognized by **A.I.C.T.E., New Delhi** & Accredited by **NAAC** with ‘A’ Grade is a record of bonafide work carried out by them under my guidance and supervision.

  
PROJECT GUIDE

(Sri. L.R.L.Lokesh Babu)

  
HEAD OF THE DEPARTMENT

(Dr. E.Kusuma Kumari)

EXTERNAL EXAMINER

Head of the Department  
Dept. of Electronics & Commn. Engg.  
Sri Vasavi Engineering Co  
TADEPALLIGUDEM 5241

# SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



## Certificate

This is to certify that the Project Report entitled “Image Steganography using AES and Improved LSB” submitted by Chintada Amala (19A81A05E4), Nidamanuri Naga sai kumar (19A81A05H2), Putta Satya Sai (19A81A05I0), Nalla Dattatreya (19A81A05H0) for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2022-2023.

  
**Name of Project Guide**

Mr. M. Nageswara Rao M. Tech

Sr. Assistant Professor,

CSE Department

  
**Head of the Department**

Dr. D. Jaya Kumari M. Tech, Ph. D.,

Professor & HOD

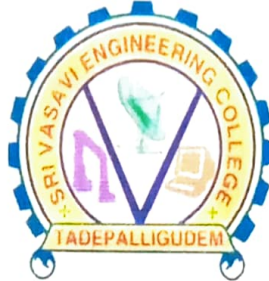
Head of the Department  
Dept. of Computer Science & Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**External Examiner**

# SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



## Certificate

This is to certify that the Project Report entitled  
“**FACE RECOGNITION BASED ATTENDANCE MANAGEMENT SYSTEM**”  
submitted by M. Tejaswini (19A81A05G6), B. HemaPrasad(19A81A05E1),  
P. Srimythri(19A81A05H8), R. Sai Nikita (19A81A05I1) for the award of the degree  
of Bachelor of Technology in the Department of Computer Science and Engineering  
during the academic year 2022-2023.

**Name of Project Guide**

Mr. M.V.V.Krishna  
Asst.Professor

**Head of the Department**

Dr. D. Jaya Kumari - M.Tech., Ph.D..  
Head of the Department  
Professor & HOD. & Engineering  
Dept of  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**External Examiner**

# SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



## Certificate

This is to certify that the Project Report entitled “**LIVER DISEASE PREDICTION USING MACHINE LEARNING**” submitted by **K. S. P.KALYANAKRISHNA (19A81A05F9), USA.VENKATARATNAM (19A81A05I9), M.ANANDKUMAR (20A85A0515), K.K.R.S. SUBBIREDDY (19A81A05F6)** for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2022-2023.

  
**Name of Project Guide**

Ms. D. Sasi Rekha  
Sr. Assistant Professor



**Head of the Department**

Dr. D Jaya Kumari M.Tech, Ph.D.,  
Head of the Department  
Professor & HOD Engineering  
Dept. of Computer Science & Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**External Examiner**

# SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



## Certificate

This is to certify that the Project Report entitled “**PREDICTION OF BITCOIN PRICE USING MACHINE LEARNING**” submitted by Ch. Vedavalli (19A81A05E3), P. Kusuma (19A81A05H3), B. Mohith Kumar (19A81A05D9), K. Chandra Shekar (19A81A05F5) for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2022-2023.



**Name of Project Guide**

Mrs. N. Hiranmayee, M.Tech  
Sr. Assistant Professor, CSE Department.



**Head of the Department**

Dr. D Jaya Kumari, M.Tech., Ph.D.  
Professor & HOD  
Head of the Department  
Dept. of Computer Science & Engineering  
Sri Vasavi Engineering College  
TADEPALLIGUDEM-534 101

**External Examiner**