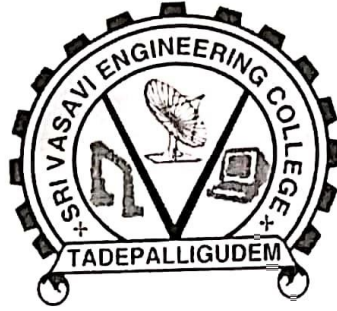
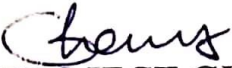


SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING
CERTIFICATE

This is to certify that the project report entitled “HYBRID ALGORITHM FOR MPPT OF WIND ENERGY CONVERSION SYSTEM” submitted by Ryali Deepthi (18A85A0245), Nakka Bhagya Sri (17A81A0257), Nagothu Nagendra (18A85A0235), Yalamanchili Kiran (18A85A0256) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from Sri Vasavi Engineering College, Tadepalligudem affiliated to JNTUK & accredited by NBA, is a record of bona fide work carried out by them under my guidance and supervision.


PROJECT GUIDE
(N. SRI HARISH)

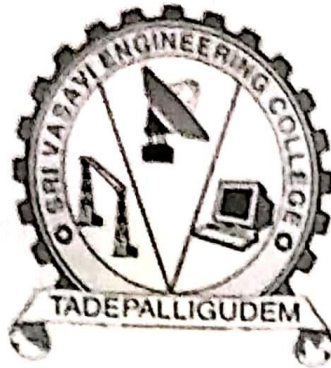

HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE

(Affiliated to Jawaharlal Nehru Technological University, Kakinada, A.P.)
Pedatadeipalli, Tadepalligudem-534101, W.G.Dist, Andhra Pradesh, INDIA.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



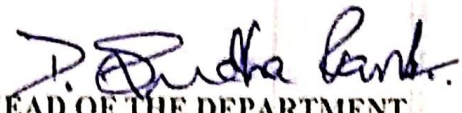
CERTIFICATE

This is to certify that the project report entitled "IMPROVED POWER QUALITY BRIDGELESS CONVERTER BASED MULTIPLE OUTPUT SMPS" is a bonafide work done by A.SAI PAVAN KUMAR (18A85A0201), S.HARIKA (17A81A0228), A.SUMA(18A85A0206), CH.SAI KUMAR(17A81A0205) submitted in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Electrical & Electronics Engineering during 2014-2016. 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 or diploma


PROJECT GUIDE

Mr. U. CHANDRA RAO, M.Tech, (Ph.D.)

Senior Assistant Professor

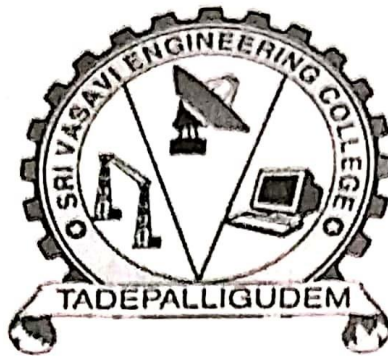

HEAD OF THE DEPARTMENT

Dr.D. SUDHA RANI, M.Tech, Ph.D.

Professor & Head, EEE


EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING CERTIFICATE

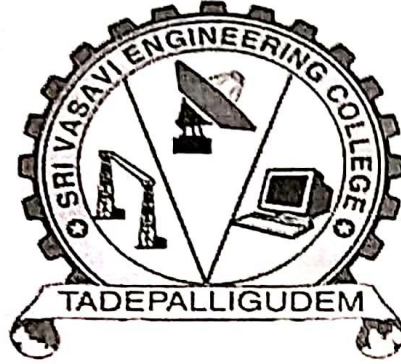
This is to certify that the project report entitled "SOFT STARTER FOR INDUCTION MOTOR DRIVEN PUMPS" submitted by G.SAI SATISH (18A85A0219), K. MOUNIKA (17A81A0214), A. SAI VAMSI (18A85A0205), G. JESSI JOHN (17A81A0210) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from Sri Vasavi Engineering College, Tadepalligudem affiliated to JNTUK & accredited by NBA, is a record of bona fide work carried out by them under my guidance and supervision.


PROJECT GUIDE
G. M SAGAR BARO
Asst. Prof.


HEAD OF THE DEPARTMENT

EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE



**DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING
CERTIFICATE**

This is to certify that the project report entitled “DESIGN AND PERFORMANCE ANALYSIS OF A PV SYSTEM WITH BATTERY STORAGE USING BIDIRECTIONAL DC-DC CONVERTER” submitted by MUPPINA MOHAN SAI GANESH (18A85A0231), DEVALAKSHMI SIRISHA (17A81A0207), MUPPIDI RUPAVATHI (17A81A0222), BANDARU NAGA PRAVALLIKA (17A81A0204) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, 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

Dr. D. Sudharani, PhD
Head of the Department,
EEE.

HEAD OF THE DEPARTMENT

Dr. Sudharani Donepudi, PhD
Electrical & Electronics Engineering.

EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF
ELECTRICAL & ELECTRONICS ENGINEERING
CERTIFICATE

This is to certify that the project report entitled "IOT BASED SMART HOME SECURITY SYSTEM USING RASPHERRY PI 3" submitted by CHINNAM NARENDRA PRASAD (18A85A0212), AKETI PRIYA (18A85A0202), GOLI NEELIMA (17A81A0209), ADDALA M K HANUMANTH (17A81A0202) in partial fulfillment of the requirements for award of the Degree of Bachelor of Technology in *Electrical & Electronics Engineering*, from Sri Vasavi Engineering College, Tadepalligudem affiliated to JNTUK & accredited by NBA, is a record of bona fide work carried out by them under my guidance and supervision.


PROJECT GUIDE

Mr.G.GOVARDHAN, M.Tech.


HEAD OF THE DEPARTMENT

Dr. Dr.D.SUDHA RANI M.Tech,Ph.D.

EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE-AUTONOMOUS

(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada and SBTET-Hyderabad, Accredited by NAAC with 'A' Grade by Govt. of A.P)

Pedatadepalli, Tadepalligudem - 534 101

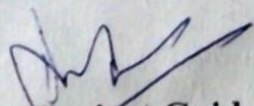
Academic Year 2019-20



Department of Electrical and Electronics Engineering

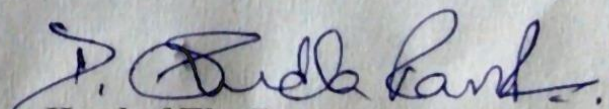
CERTIFICATE

This is to Certify that the project work entitled "Mitigation of Common Mode Voltage of 11-Switch Inverter Topology for Supplying Two Independent Loads Operating at Different Frequencies Via SVM Technique" is being submitted by **Chippada Narayana Bhargav (18A81D5301)** in partial fulfillment for the award of degree of **MASTER OF TECHNOLOGY** in **ELECTRICAL AND ELECTRONICS ENGINEERING** with Specialization in "Power Systems Control & Automation Engineering" from Sri Vasavi Engineering College (Autonomous) during the academic year 2019-20 is a record of bonafide work carried out by them under our guidance and supervision .



Project Guide

Prof. Dr.Ch Rambabu, M.Tech, Ph.D
Professor & Dean (Student Affairs)



Head of The Department

Prof. Dr.D Sudha Rani, ME, Ph.D.
Professor & Head

External Examiner

SRI VASAVI ENGINEERING COLLEGE-AUTONOMOUS

(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada
and Accredited by NAAC with 'A' Grade by Govt. of A.P)

Pedatadepalli, Tadepalligudem - 534 101

Academic Year 2019-2020



Department of Electrical and Electronics Engineering

CERTIFICATE

This is to Certify that the project work entitled "FUZZY ROBUST CONTROL FOR MICROGRID FREQUENCY REGULATION WITH STORAGE SYSTEM" is being submitted by P JYOTHSNA SREE (18A81D5302) in partial fulfillment for the award of Degree of MASTER OF TECHNOLOGY in ELECTRICAL AND ELECTRONICS ENGINEERING with Specialization in "Power Systems Control & Automation Engineering" from Sri Vasavi Engineering College(Autonomous) during the academic year 2019-2020 is a record of bonafide work carried out by them under our guidance and supervision.

Project Guide

Dr.D.SudhaRani, M.E,Ph.D.

Associate Professor &HOD

Head of The Department

Dr.DSudhaRani,M.E,Ph.D.

Associate Professor

External Examiner

SRI VASAVI ENGINEERING COLLEGE-AUTONOMOUS

(Approved by AICTE, New Delhi, Permanently Affiliated to JNTUK, Kakinada and SBTET-Hyderabad, Accredited by NAAC with 'A' Grade by Govt. of A.P)

Pedatadepalli, Tadepalligudem - 534 101

Academic Year 2019-20



Department of Electrical and Electronics Engineering

CERTIFICATE

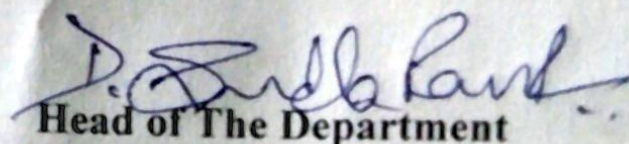
This is to Certify that the project work entitled "**Solar Photo Voltaic Hybrid System Control And Implementation** " is being submitted by **Paturi Manikantha (18A81D5303)** in partial fulfillment for the award of degree of **MASTER OF TECHNOLOGY** in **ELECTRICAL AND ELECTRONICS ENGINEERING** with Specialization in "**Power Systems Control & Automation Engineering**" from Sri Vasavi Engineering College (Autonomous) during the academic year 2019-20 is a record of bonafide work carried out by them under our guidance and supervision .

for. 

Project Guide

Prof. Dr.P.V.V.RamaRao, M.Tech. Ph.D

Professor & Dean (R&D)



Head of The Department

Prof. Dr.D Sudha Rani, ME, Ph.D.

Professor & Head

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)

TADEPALLIGUEDEM

DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that the project entitled "OPTIMIZATION OF MACHINING PARAMETERS HYBRID ALUMINIUM METAL MATRIX BY STIRCASTING" is being submitted in partial fulfillment 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 19A85A0304 D.MUKESH KUMAR REDDY ,18A81A0345 V.GOWTHAM KRISHNA ,19A85A0329 G.SUNEEL ,18A81A0331 P.AKSHAY 18A81A0347 B.N.V.S.S.PAVAN CHANDRA under my supervision and guidance during academic year 2018-2022

Dr. M.V. RAMESH

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

Mr.S.CHANDRASEKHAR

Project guide

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 “**EXPERIMENTAL AND TESTING OF KEVLAR CHOPPED MATT AND BASALT FIBERS BY USING HANDLAYUP TECHNOLOGY**” is being submitted in partial fulfillment 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 19A85A0305 DODDA VEERA VENKATA SRI SAI, 18A81A0375 PURAM SAI KUMAR, 19A95A0306 E.S.S.R.K CHARYULU, 18A81A0383 VEERAGANTI ANIL KUMAR, 18A81A0327 NAKKA JAGADEESH under my supervision and guidance during academic year 2018-2022.

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

SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the Project Report entitled "**DRONE AUTOMATION FOR SECURITY AND SURVEILLANCE**" by **N. Swamy Vinay (18A81A0368)**, **V. Dileep (19A85A0324)**, **P. Ramakrishna (18A81A0370)**, **P. Vara Prasad (18A81A0373)**, **M. Sri Chaitanya Vinay (18A81A0323)**, **G. Venkata Praneeth (18A81A0316)** in partial fulfilment of the requirements for award of the Degree of Bachelor of Technology in MECHANICAL ENGINEERING from Sri Vasavi Engineering College(Autonomous), 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. M. V. Ramesh M. TECH, Ph.D
Professor


Head of the Department

Dr. M. V. Ramesh
Head of the Department
Professor
Mechanical Engineering
Sri Vasavi Engineering College
TADEPALLIGUDEM-534 101

External Examiner

SRI VASAVI ENGINEERING COLLEGE
(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



CERTIFICATE

This is to certify that the project entitled “experimental exploration on 4-stroke diesel fueled with sapota seed oil methyl esters/diesel blends” is being submitted in partial fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** from **Sri Vasavi Engineering College**, Tadepalligudem is a bonafide work carried out by **19A85A0350-D.VENKATESH, 19A85A0314-N.VENKATESH, 18A81A0357-K.GOPI KRISHNA, 18A81A0307-B.SAI KUMAR, 18A81A0322-K.SATISH BABU, 18A81A0337-S.NAGENDRA RAMAKRISHNA REDDY** under my supervision and guidance during academic year 2021- 2022.

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

**SRI VASAVI ENGINEERING COLLEGE
AUTONOMOUS**

*(Approved by A.I.C.T.E, New Delhi and Permanently Affiliated to JNTUK, KAKINADA)
(Accredited by NAAC with 'A' Grade)*

TADEPALLIGUDEM
Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project entitled **NUMERICAL STUDY ON PERFORMANCE IMPROVEMENT OF HEAT SINK BY USING AIRFOIL FINS** is being submitted in partial fulfillment for the award of degree of Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technological University Kakinada, Kakinada is a bonafide work carried out by 17A81A0380-S.NAGARAJU; 17A81A0342-S.SURENDRA REDDY; 17A81A0332-P.ANUDEEP; 17A81A0336-P.SIVA PRANEETH; 17A81A0314-K.SRINIVASA RAO under my supervision and guidance during academic year 2020-2021.

Dr. M.V. Ramesh
Head of the department

Mr.K.S.B.S.V.S.SASTRY
Project Guide

SRI VASAVI ENGINEERING COLLEGE

(Autonomous)

(Approved by AICTE, New Delhi and Affiliated to JNTUK, KAKINADA)

(Accredited by NAAC with A Grade)

TADEPALLIGUDEM

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**CFD ANALYSIS OF HEAT TRANSFER IN A STRAIGHT AND HELICAL FINS HEAT EXCHANGER USING ANSYS SOFTWARE**” is being submitted in partial fulfillment for the award of degree of Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technology University, Kakinada is a bona fide work carried out by V.SAI KONDA-18A85A0311, A.JGNANA SAI SHANKAR-17A81A0350, A.RANADHEER-18A85A0340, S.DURGA ABHINAI-17A81A0376, CH.KRISHNA BABU-18A85A0341, K.SHANMUKHA-17A81A0367 under my supervision and guidance during academic year 2018-2021.

Dr.M.V.RAMESH
Head of the department

Dr.K.RAMESH REDDY
Project guide

External Examiner

SRI VASAVI ENGINEERING COLLEGE

(Autonomous)

(Approved by A.I.C.T.E NEW Delhi and Affiliated to JNTUK, KAKINADA)

(Accredited by NAAC with A Grade)

TADEPALLIGUDEM

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**FABRICATION OF AUTOMATIC FIRE EXTINGUISHER ROBOT USING IOT**” is being submitted in partial fulfillment 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 K.BHANU PRAKASH-18A85A0320, M.CHALLARAO-18A85A0336, S.VENKATESH-17A810343, K.HARIBABU-17A81A0315, M.D.KALYANKUMAR, K.S.S.PRUDHIVI NAIDU-17A81A0365 under my supervision and guidance during academic year 2017-2021.

Dr. M.V.RAMESH
Head of the department

Dr. M.V.RAMESH
Project guide

External Examiner

SRI VASAVI ENGINEERING COLLEGE

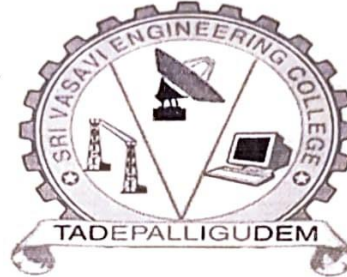
(Autonomous)

(Approved by A.I.C.T.E NEW Delhi and Affiliated to JNTUK, KAKINADA)

(Accredited by NAAC with A Grade)

TADEPALLIGUDEM

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled “**MODELING AND ANALYSIS OF AUTOMOBILE RADIATOR BY VARYING THE STRUCTURES OF FIN**” is being submitted in partial fulfillment 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 M.NAGENDRA-18A85A0326, SK.ARIFF SHARIFF-17A81A0377, B.VENKATA SURENDRA-17A81A0349, M.YESWANTH-17A81A0323 V.KISHORE-17A81A0385 under my supervision and guidance during academic year 2017-2021.

Dr. M.V.RAMESH

Head of the department

K C S VYASA KRISHNAJI

Project guide

External Examiner

SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING CERTIFICATE

This is to certify that the project report titled “**Low Power and High-Speed 4 Bit Full Adder Using XOR/XNOR Gates Exploring with the 22nm CMOS Technology**” submitted by **LAKKOJU BHARANI (19A81D6802)** in partial fulfillment for the award of Degree of **Master of Technology** in (**VLSI & EMBEDDED SYSTEM**) in Electronics and Communication Engineering from **SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)**, TADEPALLIGUDEM affiliated to the **Jawaharlal Nehru Technological University, Kakinada** is a record of bonafide work carried out by her under my guidance and supervision.

Project Guide
Dr. U. Yedukondalu, Ph.D
Associate Professor

Head of the department
Dr. E. Kusuma Kumari, Ph.D
Professor

EXTERNAL EXAMINER

SRI VASAVI ENGINEERING COLLEGE



DEPARTMENT OF

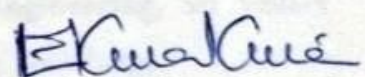
ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "**IMPLEMENTATION OF IoT BASED THEFT DETECTION SYSTEM USING MACHINE LEARNING ALGORITHM**" is submitted by **R.N.V.A.S. MANIKANTA (19A81D6803)**, in partial fulfillment for the award of the degree of Master of Technology (VLSI & Embedded systems) in Electronics and Communication Engineering from **SRI VASAVI ENGINEERING COLLEGE, TADEPALLIGUDEM** affiliated to the Jawaharlal Nehru Technological University Kakinada (JNTUK), is a record of bonafied work carried out under my guidance and supervision.


Project Guide

Sri TDNSS Sarveswara Rao
M.Tech (Ph.D.)


Head of the Department

Dr. E. Kusuma Kumari
M.Tech, Ph.D.

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

EXTERNAL EXAMINER

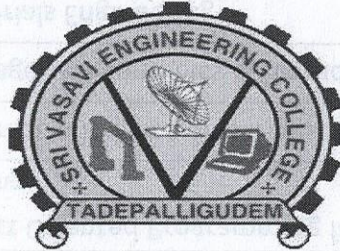
Dr. G. V. R.

SRINIVAS
SRINIVAS
SRINIVAS

SRI VASAVI ENGINEERING COLLEGE

(Affiliated to Jawaharlal Nehru Technological University, Kakinada)

DEPARTMENT OF MANAGEMENT STUDIES



CERTIFICATE

This is to certify that the project entitled A Study on "MARKETING MIX" in TIRUMALA MILK PRODUCTS PVT LTD., submitted by **B.LAKSHMI KANTH** with Regd No: 19A81E0013 has been examined and adjudged sufficient as in partial fulfillment for the award of the degree of **Master of Business Administration**, by Jawaharlal Nehru Technological University-K, Kakinada from **SRI VASAVI ENGG COLLEGE, Tadepalligudem.**


INTERNAL GUIDE


HEAD

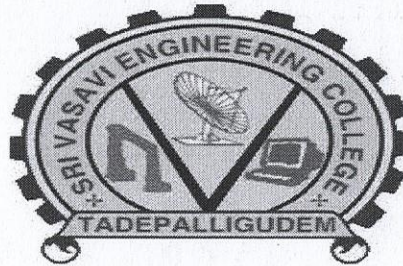
Department of Management Studies

HEAD OF THE DEPARTMENT
Department of Management Studies
Sri Vasavi Engg. College
TADEPALLIGUDEM

DEPARTMENT OF MANAGEMENT STUDIES

SRI VASAVI ENGINEERING COLLEGE

(Affiliated to Jawaharlal Nehru Technological University, Kakinada)



CERTIFICATE

This is to certify that the project report titled **"FUNDS FLOW ANALYSIS"** submitted by **Ms. Ch. Naga Swapna** with Registration number **19A81E0015** has been examined and adjudged sufficient in partial fulfillment of the requirements for the award of the degree of Master of Business Administration by **Jawaharlal Nehru Technological University, Kakinada** from **Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem.**

INTERNAL GUIDE

HEAD OF THE DEPARTMENT

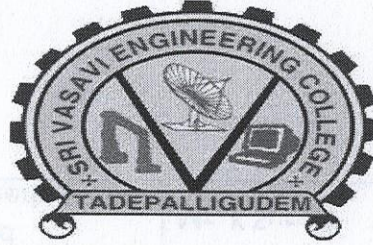
DEPARTMENT OF MANAGEMENT STUDIES

HEAD OF THE DEPARTMENT
Department of Management Studies
Sri Vasavi Engg. College
TADEPALLIGUDEM-534101

DEPARTMENT OF MANAGEMENT STUDIES

SRI VASAVI ENGINEERING COLLEGE

(Affiliated to Jawaharlal Nehru Technological University Kakinada)



CERTIFICATE

This is to certify that the project report titled **“Portfolio Management”** submitted by **Ms.D.Hemasri** with Registration number **19A81E0019** has been examined and adjudged sufficient in partial fulfillment of the requirements for the award of the degree of Master of Business Administration by **Jawaharlal Nehru Technological University, Kakinada** from **Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem.**

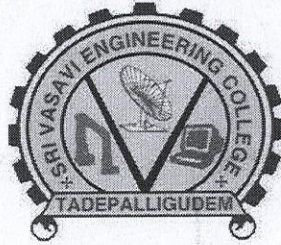

INTERNAL GUIDE


HEAD OF THE DEPARTMENT
DEPARTMENT OF MANAGEMENT STUDIES

HEAD OF THE DEPARTMENT
Department of Management Studies
Sri Vasavi Engg. College
TADEPALLIGUDEM-534101

SRI VASAVI ENGINEERING COLLEGE
(Affiliated to Jawaharlal Nehru Technology University, Kakinada)

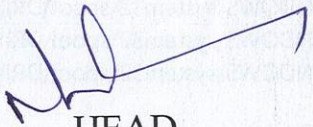
DEPARTMENT OF MANAGEMENT STUDIES



CERTIFICATE

This is to certify that the Project Report entitled "**CUSTOMER SATISFACTION ON TWO WHEELERS**" WITH REFERENECE TO ROYAL ENFIELD, Hyderabad submitted by **D. VINODH (19A81E0020)** in partial fulfillment for the award of the degree of Master of Business Administration, by Jawaharlal Nehru Technological University- Kakinada from **SRI VASAVI ENGINEERING COLLEGE, Tadepalligudem.**


INTERNAL GUIDE


HEAD
Department of management studies

HEAD OF THE DEPARTMENT
Department of Management Studies
Sri Vasavi Engg. College
TADEPALLIGUDEM-534101

SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



Certificate

This is to certify that the Project Report entitled "**Stock Prediction Using Machine Learning**" submitted by Md. Hasnath Begum (18A81A0589), V. Sesa Sirisha (18A81A05H5), G. Ramya Daneswari (18A81A0570), K. Likitha (18A81A05E2) for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2021-2022.


Name of Project Guide

Mr. Ch. Hemanand M.Tech.
Asst. Professor


Head of the Department

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

External Examiner



SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Computer Science and Engineering

Pedatadepalli, Tadepalligudem



This is to certify that the Project Report entitled “**COMPARISION OF COVID VACCINE USING OPINION MINING ON TWEETS**” submitted by G.NAGA CHANDANA (18A81A05D3), V.KEERTHI (18A81A05B6), J.MAMATHA SAI (18A81A05E8), U.MEGHANA (18A81A05B2) for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2021-2022.

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SRI VASAVI ENGINEERING COLLEGE

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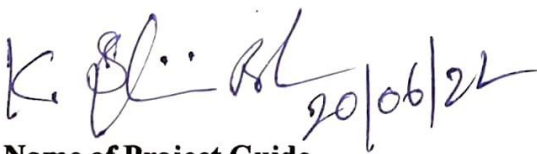
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Certificate

This is to certify that the Project Report entitled “**Road Lane Line Detection**” submitted by
R. J. S. VARSHITA (18A81A05G4), D. C. SUJINI BALA (18A81A0567),
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Certificate

This is to certify that the Project Report entitled “**Image Caption Generator Using CNN & LSTM**” submitted by **V. Bhanu Teja (18A81A05H3)**, **G. Chandra Leena (18A81A0573)**, **G. P N Sai Lakshmi (18A81A05J1)**, **M. Anil Kumar (18A81A0532)** for the award of the degree of Bachelor of Technology in the Department of Computer Science and Engineering during the academic year 2021-2022.

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