

ACADEMIC YEAR - 2022-23

BRANCH - MECHANICAL

STUDENT PROJECT DATA

S. No.	Roll Number	Name	Project / Internship / CSP	Title	Place of work
1	19A81A0328	KONIJETI GANGADHARA RAO	Project	WEAR BEHAVIOUR AND MECHANICAL CHARACTERIZATION OF PURE ALUMINIUM REINFORCEMENT WITH RHA BY USING POWDER METALLURGY METHOD	College
	19A81A0339	MUTYALA SATISH	Project		College
	19A81A0354	THOTA TARUN	Project		College
	19A81A0325	KENGAM NAGA VENKATA SAI BABU	Project		College
	19A81A0345	PULAPA DURGA SRINIVAS	Project		College
2	19A81A0334	METTAPALLI AJAY KUMAR	Project	Design, manufacturing and testing of A/c remote holder by using additive manufacturing	College
	19A81A0313	DHANUKOTI BALAKANTH	Project		College
	19A81A0355	TUMU SAI RAVI DEEPAK	Project		College
	19A81A0356	VAKA SURYA VAMSI	Project		College
	19A81A0318	GUBBALA PEDDIRAJU	Project		College
3	19A81A0312	CHITIKINA SURYA VENKATA DURGA	Project	MULTI-RESPONSE OPTIMIZATION OF ELECTROCHEMICAL MACHINING OF AA6061-TIB2 BY IN-SITU COMPOSITES USING ENTROPY –MOORA METHOD	College
	19A81A0311	CHINTA VINEEL KANTH	Project		College
	19A81A0303	AYITHAM PRUDHVI RAJ	Project		College
	19A81A0358	VALLAPU DURGA PRASAD	Project		College
	19A81A0333	MELLA NAGESWARA DURGA SATYA TEJA	Project		College
4	19A81A0326	KOMMOJU PAVAN DURGA KUMAR	Project	FABRICATION OF AUTOMATIC SORTING MACHINE USING IMAGE PROCESSING	College
	19A81A0324	KARUTURI SOMA SEKHAR	Project		College
	18A81A0381	UGGAM SIVA NAGA RAJU	Project		College
	19A81A0357	VALAVALA KUMAR SRI SAI VEERAVENKATA SWAMY	Project		College
	19A81A0306	BANDELA ACHYUTHA CHANDRA SEKHAR	Project		College
5	19A81A0340	NAGIREDDY SAI RAJESH	Project	CHARACTERIZATION OF PURE ALUMINIUM REINFORCED WITH COCONUT SHELL FLY ASH BY USING STIR CASTING.	College
	19A81A0351	SUNKARA SIVA NAGESWARA RAO	Project		College
	19A81A0347	SANGEETHA LEELA S N MURTHY	Project		College
	19A81A0344	PENDYALA NAGA VENKATA SURESH	Project		College
	19A81A0335	MIDITHIPATI SAI CHARAN	Project		College
6	19A81A0359	VELAGA CHIRUDEEP SRI SITA SAI MANOJ	Project	WEAR BEHAVIOUR & MECHANICAL CHARACTERIZATION OF PURE ALUMINIUM REINFORCED WITH RICE HUSK ASH BY USING STIR CASTING	College
	19A81A0316	GANGULA RAJESH	Project		College
	19A81A0346	SADHANALA VENKATA SATISH	Project		College
	19A81A0332	MANDA SHYAM SAI	Project		College
	19A81A0309	BURA LAKSHMI PAVAN NARENDRA	Project		College
7	19A81A0329	MADICHERLA VINAY KUMAR	Project	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF POWDER METALLURGY Al–Cr3C2 COMPOSITE	College
	19A81A0327	KONA BALA SANKARA VAMSI KRISHNA	Project		College
	19A81A0305	BALAY MOHAN KUMAR	Project		College
	19A81A0319	INDUKURI ASHOK KUMAR VARMA	Project		College
	19A81A0301	ADDALA TIRUMALA SRI SAI MANI KRISHNA	Project		College
8	19A81A0337	MOTUPALLI NARENDRA BABU	Project	EXPERIMENTAL INVESTIGATION ON SOLAR PV PANEL PERFORMANCE INTEGRATED WITH PCM COOLING TECHNIQUE	College
	19A81A0338	MULLAPUDI VINAY	Project		College
	19A81A0353	TETALI SANJAY LAXMANA ADI REDDY	Project		College
	19A81A0349	SATTI SURENDRA SANDEEP REDDY	Project		College
	19A81A0307	BATHINA SIVA SAI	Project		College
	19A81A0361	VUPPALA DAEDEEP KRISHNA	Project		College

9	19A81A0360	VINUKONDA SAI GANESH	Project	multi-response optimization of turning parameters with VIKOR- ENTROPY method on machining of AA6061-Tib2 in-situ composites.	College
	19A81A0315	MEDICHERLA SRI SATHWIK	Project		College
	19A81A0331	MAMIDISETTI LAKSHMANA RAO	Project		College
	19A81A0341	NAKKA PHANEENDRA	Project		College
10	19A81A0308	BOJJA JAGADEESH KUMAR	Project	FABRICATION AND TESTING OF COMPOSITE MATERIALS CONTAINING CARBON DERIVED FROM WASTE PLASTIC	College
	19A81A0343	PATSA BALA GANGA SIVA SUBRAHMANYAM	Project		College
	19A81A0348	SATTI HARI SAI RAMANJANEYA REDDY	Project		College
	19A81A0323	KAMPASATI VENKATESWARA RAO	Project		College
	19A81A0322	JONUBOIENA PAVAN KISHORE	Project		College
11	19A81A0330	MADYAHANAPU KARTHIK	Project	Design and fabrication of coconut de-husking machine (portable and user-friendly)	College
	19A81A0317	GHANTA SATISH KUMAR	Project		College
	19A81A0302	ALLURI VENKATA SUBBA RAJU	Project		College
	19A81A0321	JARAPALA JAGADEESH AYYAPPA	Project		College
	19A81A0314	DOWDURI RAJ SASI KUMAR	Project		College
12	18A81A0320	KASA JNANA VEERA MANIKANTA	Project	Path Planning for Mobile Robots using Python	College
	19A81A0320	JANAPAREDDY ANAND VENKATA KUMAR RAJU	Project		College
	19A81A0310	CHINTA NIKHIL AJAY BABU	Project		College
	19A81A0350	SEENI VISWA KIREETI	Project		College
	19A81A0336	MOKKAPATI SURYA PRAKASH	Project		College
13	20A85A0339	PASAGADUGULA SUNIL	Project	EFFECT OF DEEP CRYOGENIC TREATMENT ON HARDNESS AND IMPACT STRENGTH OF AISI 304L STAINLESS STEEL	College
	20A85A0341	PIRATLA SUBRAHMANYA SARMA	Project		College
	20A85A0306	CHINTALAPUDI SANJAYKUMAR	Project		College
	20A85A0307	CHITTAJALLU MOHANA SAI	Project		College
	20A85A0320	KAMMILA SAI VAMSI	Project		College
14	20A85A0305	BHIMAVARAPU RAJESH	Project	Dual Axis Solar tracking system with LDR sensor	College
	20A85A0332	MIRIYALA VAMSI VIJAYA SAI SRINIVAS	Project		College
	20A85A0337	NIMMALA VIJAY VENKATA RATNAM	Project		College
	20A85A0357	REDDY MOHAN SAI DURGA SRINIVASU	Project		College
	20A85A0347	SARIPALLI VIVEK	Project		College
15	20A85A0321	KASAGANI SATYANARAYANA	Project	Design and fabrication of three wheeler slider Crank mechanism vehicle	College
	20A85A0356	KARNAM SARATH	Project		College
	20A85A0309	DONTALA DURGA VIJAY	Project		College
	20A85A0349	TARLADA VISWANADHA KUMAR	Project		College
	20A85A0328	MARRI NAVEEN	Project		College
16	20A85A0308	DONKA YUVARAJU	Project	EFFECT OF DEEP CRYOGENIC TREATMENT ON HARDNESS AND IMPACT STRENGTH OF AISI 316L STAINLESS STEEL	College
	20A85A0303	BADAM SATISH	Project		College
	20A85A0312	GAJJELA RAVI TEJA	Project		College
	20A85A0310	DWARAMPUDI RUPESH REDDY	Project		College
	20A85A0352	YALLA CHANDU	Project		College
17	20A85A0326	MANEPALLI TEJA NAGA VEERAVENKATA RAMKUMA	Project	EXPERIMENTAL INVESTIGATION ON A SINGLE SLOPE SOLAR STILL WITH NOVEL FINNED ABSORBER BASIN & ENERGY STORAGE	College
	20A85A0345	REDDY LAVANYA	Project		College
	20A85A0351	VARDHANAPU SANJAY RAJU	Project		College
	20A85A0301	AJJADA BHOGESWARA RAO	Project		College

	20A85A0353	PILLI RAMESHBABU	Project	MATERIAL	College
18	20A85A0330	MENDA NAVEEN	Project	FABRICATION & TESTING OF CARBON AND SISAL FIBER WITH SHEEP HORN POWDER REINFORCED HYBRID COMPOSITE USING HAND LAYUP TECHNIQUE	College
	20A85A0317	IMMALLARAJU SRI SAI KRISHNAMRAJU	Project		College
	20A85A0333	MOHAMMAD ABDUL HANEEF	Project		College
	20A85A0355	POLA LUKESH	Project		College
	20A85A0327	MANUKONDA VIJAYA BABU	Project		College
19	20A85A0335	NATINA SAI VAMSI	Project	EXPERIMENTAL EXPLORATION ON DIESEL BLENDED WITH MUSTARD SEED OIL IN 4-STROKE DIESEL ENGINE	College
	20A85A0313	GANUGULA SYAMA SUNDARA GANESH	Project		College
	20A85A0314	GELAM SIVA RAMA KRISHNA	Project		College
	20A85A0325	MANEPALLI PRITAM	Project		College
	20A85A0344	RAVURI MOHANA VENKATA MURALI	Project		College
20	20A85A0319	KAKARLA ANANDA RAJU	Project	FABRICATION AND TESTING OF HYBRID COMPOSITE MATERIALS USING KENAF, BASALT FIBER AND CAMEL HAIR WITH WASTE GLASS POWDER	College
	20A85A0304	BEJAWADA VARUN KUMAR	Project		College
	20A85A0322	KOLLAPARTHI BULI VENKAT	Project		College
	20A85A0340	PASALAPUDI PULLA VENKAT RAJESH	Project		College
	20A85A0329	MEESALA MANIKEERTHI	Project		College
21	20A85A0315	GOPIREDDI SAI	Project	Experimental investigation on a double slope solar still with bottom finned absorber basin & Energy storage material	College
	20A85A0334	NARAYANA SAI SUBRAHMANYAM	Project		College
	20A85A0323	KOMMIREDDY VINAY PALLAPARAO	Project		College
	20A85A0311	ERICHARLA PRASANNA KUMAR	Project		College
	20A85A0324	KONDETI MANOJ	Project		College
22	20A85A0350	TIRUMALANADHUNI KOTA SATYANARAYANA	Project	Designing of eye control wheel chair	College
	20A85A0318	JAKKAMSETTI CHANDRA MOULI	Project		College
	20A85A0316	GUMMADI VAMSI	Project		College
	20A85A0338	PALAKA JOHN VINAY KUMAR	Project		College
	20A85A0336	NEELI SATYA SAI VENKATA SURYA MANIKANTA	Project		College
23	20A85A0346	ROBBI TARUN KUMAR	Project	Experimental investigation of Rectangular pyramid solar still with bottom finned absorber basin & Energy storage material	College
	20A85A0348	SONTENA CHANDAN	Project		College
	20A85A0342	PULAVARTHI SAI NAGENDRA	Project		College
	20A85A0343	PUPPALA SAI PHANINDRA	Project		College
	20A85A0302	ANANDAM SATYA KRISHNA PRASANTH	Project		College


Head - ME

Head of the Department
Mechanical Engineering
Sri Vasavi Engineering College
TADEPALLIGUDEM-534101

ACADEMIC YEAR - 2022-23

BRANCH - MECHANICAL

PROJECT PROOFS

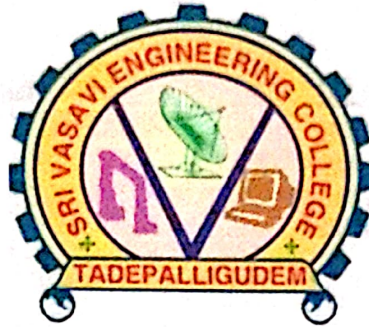
SRI VASAVI ENGINEERING COLLEGE

(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 “WEAR BEHAVIOUR AND MECHANICAL CHARACTERIZATION OF PURE ALUMINIUM REINFORCED WITH RHA BY USING POWDER METALLURGY METHOD” 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 19A81A0328 K.GANGADHARA RAO, 19A81A0339 M.SATISH, 19A81A0354, T.TARUN 19A81A0325 K.NAGA SAI BABU, 19A81A0345 P.DURGA SRINIVAS 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

External Examiner

Dr. G. V. N.S.R. Ratnakara Rao

Project Guide

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

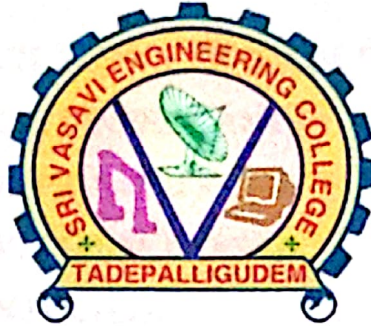
(Autonomous)

(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 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 19A85A0312 **CH. SURYA VENKATA DURGA**, 19A81A0311 **CH. VINEEL KANTH**, 19A85A0303 **A. PRUDHVI RAJ**, 19A85A0358 **V. DURGA PRASAD**, 19A81A0333 **N.D.S TEJA** under my supervision and guidance during academic year 2019-2023.

Dr. M.V. RAMESH

Mr. K.S.B.S.V.S.SASTRY

Head of the Department

project guide

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

External examiner

SRI VASAVI ENGINEERING COLLEGE (Autonomous)

Department Of Mechanical Engineering

Pedatadepalli, Tadepalligudem



Certificate

This is to certify that the Project Report entitled "**Fabrication of automatic sorting machine using image processing**" submitted by **K. Pavan Durga Kumar (19A81A0326), K. Soma Shekar (19A81A0324), U. Siva Naga Raju (18A81A0381), V. KSSVV Swamy (19A81A0357), B. Chandra Shekar (19A81A0306)** for the award of the degree of Bachelor of Technology in the Department of Mechanical Engineering during the academic year 2019-2023.

Quis
03/05/2023

Project Guide

Sri. K. Sri Rama Murthy MTech,(Ph.D.)

Head of the Department

Dr. M.V. Ramesh MTech,Ph.D.
Professor & HOD.

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

External Examiner

TADEPALLIGUEDEM 2019-2023

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 "**CHARACTERIZATION OF PURE ALUMINIUM REINFORCED WITH COCONUT SHELL FLY ASH BY USING STIR CASTING**" 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 19A81A0340- N.SAI RAJESH, 19A81A0351-S. SIVA NAGESHWARAO, 19A81A0347-S. LEELA SATYANARAYANA MURTHY, 19A81A0344-P.N.V SURESH, 19A81A0335-M.SAI CHARAN under my supervision and guidance during academic year 2019-2023

Dr. M. V. Ramesh

Head of Department

Dr. G. Ramesh Prasad

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 “WEAR BEHAVIOUR & MECHANICAL CHARACTERIZATION OF PURE ALUMINUM REINFORCED WITH RICE HUSK ASH BY USING STIR CASTING.” 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 19A81A0359 - V.CH. S. S. SAI MANOJ ,19A81A0316 - G. RAJESH 19A81A0346 - S.V. SATISH ,19A81A0332 - M. SHYAM SAI ,19A81A0309 - B. L. PAVAN NARENDA under my supervision and guidance during academic year 2019-2023.

Dr. M.V. RAMESH

DR. K. DORATHI

HEAD OF THE DEPARTMENT
Head of the Department
Mechanical Engineering
Sri Vasavi Engineering College
TADEPALLIGUDEM-534 101

External examiner

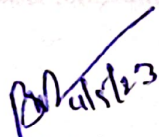
PROJECT GUIDE

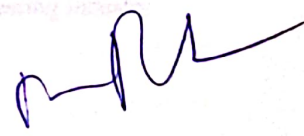
CERTIFICATE

This is to certify that the project report entitled "MICROSTRUCTURE AND MECHANICAL PROPERTIES OF POWDER METALLURGY Al-Cr₃C₂ COMPOSITE" In partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering, 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.

Submitted By

M. Vinay Kumar	19A81A0329
K.B.S. Vamsi Krishna	19A81A0327
B. Mohan Kumar	19A81A0305
I. Ashok Kumar Varma	19A81A0319
A.T.S.S. Mani Krishna	19A81A0301


Mr.B.N.V.Srinivas
PROJECT GUIDE


Dr. M.V. Ramesh
HEAD OF THE DEPARTMENT

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

EXTERNAL

SRI VASAVI ENGINEERING COLLEGE

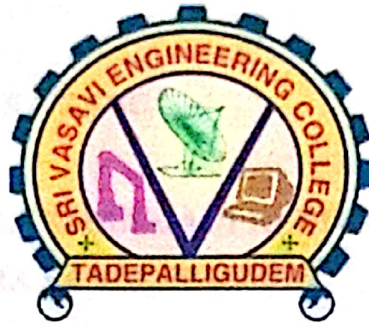
(Autonomous)

(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 INVESTIGATION ON SOLAR PV PANEL PERFORMANCE INTEGRATED WITH PCM COOLING TECHNIQUE” 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 19A81A0337 M.NARENDRA BABU, 19A81A0338 M.VINAY, 19A81A0353 T.SANJAY LAXMANA ADI REDDY, 19A81A0349 S.SURENDRA SANDEEP REDDY, 19A81A0307 B.SIVA SAI under my supervision and guidance during academic year 2019-2023.


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


Mr. T.S.R.KRISHNA
Project guide

External Examiner

SRI VASAVI ENGINEERING COLLEGE

(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 **“MULTI-RESPONSE OPTIMIZATION OF TURNING PARAMETERS IN THE MACHING OF AA6061-TIB2 BY IN-SITU COMPOSITES USING ENTROPY –VIKOR METHOD.”** is being submitted in fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** from **Jawaharlal Nehru Technological University Kakinada, Kakinada** is a bona fide work carried out by

19A81A0361

19A81A0360

19A81A0315

19A81A0341

19A81A0331

V.DAEDEEP KRISHNA

V.SAI GANESH

M.SRI SATWIK

N.PHANEENDRA

M.LAKSHMAN RAO

under my supervision and guidance during academic year 2019-2023.

Dr. M.V. RAMESH

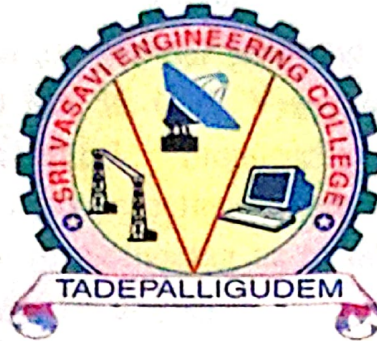
Head of the department

S. CHANDRASHEKAR

Project Supervisor

External Examiner

SRI VASAVI ENGINEERING COLLEGE



(Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "**FABRICATION AND TESTING OF COMPOSITE MATERIALS CONTAINING CARBON DERIVED FROM WASTE PLASTIC**" submitted by **B Jagadeesh Kumar (19A81A0308), P B G S Subrahmanyam (19A1A0343), S H S Ramanjaneya Reddy (19A81A0348), K Venkateswarararo (19A81A0323), J Pavan Kishore (19A81A0322)** in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Mechanical Engineering, 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.


Mr. K.C.S. Vyasa Krishnaji

PROJECT GUIDE


Dr. M.V. Ramesh

HEAD OF THE DEPARTMENT

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 “**DESIGN AND FABRICATION OF A PORTABLE AND USER-FRIENDLY COCONUT DE-HUSKING MACHINE**” 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 19A81A0330 M.KARTHIK, 19A81A0317G.SATISH KUMAR, 19A81A0321 J. JAGADEESH AYYAPPA, 19A81A0302 A.V.SUBBARAJU, 19A81A0314 D.RAJ SASI KUMAR under my supervision and guidance during academic year 2019-2023

Dr. M. V. RAMESH

Head of Department

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

MR. D. V. N. PRABHAKAR

Project Guide

External Examiner

CERTIFICATION

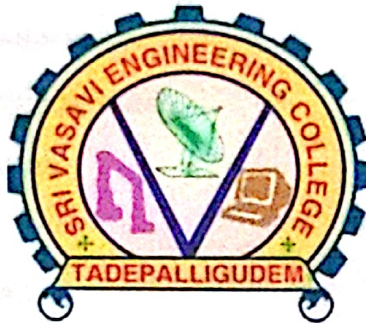
SRI VASAVI ENGINEERING COLLEGE

(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

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 "EFFECT OF DEEP CRYOGENIC TREATMENT ON HARDNESS AND IMPACT STRENGTH OF AISI 304L STAINLESS STEEL" 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 20A85A0339 P. SUNIL , 20A85A0341 P. SUBRAHMANYA SARMA , 20A85A0306 CH. SANJAY KUMAR , 20A85A0307 CH. MOHANA SAI PHANEENDRA , 20A85A0320 K. SAI VAMSI 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

03/05/23

Mr. D. AYYAPPA

Project guide

External Examiner

SRI VASAVI ENGINEERING COLLEGE

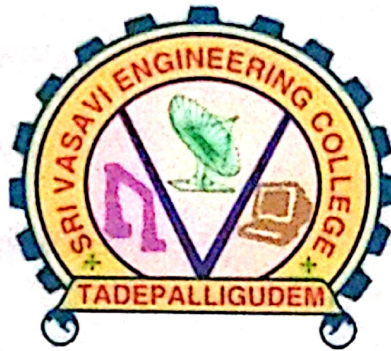
(Autonomous)

(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 “**DUAL AXIS SOLAR TRACKING SYSTEM WITH LDR SENSOR**” is being submitted in partial fulfillment for the award of the degree of Bachelor of Technology in Mechanical Engineering from Jawaharlal Nehru Technology University, Kakinada is a bonafide work carried out by 20A85A0305 B.RAJESH, 20A85A0332 M.VAMSI VIJAYA SAI SRINIVAS, 20A85A0337 N.VIJAY VENKATA RATNAM, 20A85A0357 R.MOHAN SAI DURGA SRINIVASU, 20A85A0347 S. VIVEK under my supervision and guidance during the academic year 2020-2023.

Dr. M.V. RAMESH

Head of the Department

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

Mr. M. D. NAGENDRA PRASAD

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 “**DESIGN AND FABRICATION OF THREE WHEELER SLIDER CRANK MECHANISM VEHICLE**” is being submitted in partial fulfillment for the award of degree of **Bachelor of Technology in Mechanical Engineering** from **Sri Vasavi Engineering College** is a bonafide work carried out by **20A85A0321 - K.SATYANARAYANA, 20A85A0356 - K.SARATH, 20A85A0309 - D.DURGA VIJAY, 20A85A0349 - T.VISWANADHA KUMAR, 20A85A0328 - M.NAVEEN** under my supervision and guidance during academic year 2022-2023.

Dr. M.V.RAMESH

M.Tech, Ph.D.

Professor

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

Mr. M.VEERA NAGENDRA

M.Tech

Asst. Professor

Project guide

External Examiner

Dr. Jaya Prasad
Asst. Prof
JNTU

SRI VASAVI ENGINEERING COLLEGE

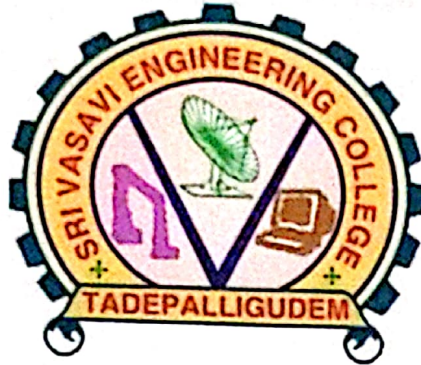
(Autonomous)

(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 "EFFECT OF DEEP CRYOGENIC TREATMENT ON HARDNESS AND IMPACT STRENGTH OF 316L STAINLESS STEEL" 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 20A85A0308 D.YUVARAJU, 20A85A0303 B.SATISH, 20A85A0312 G.RAVI TEJA, 20A85A0310 D.RUPESH REDDY, 20A85A0352 Y.CHANDU 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

3/5/23

Mr. M. VENKATESH

Project Guide

External Examiner

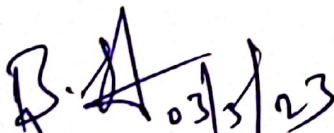
CERTIFICATE

This is to certify that the project report entitled “**EXPERIMENTAL INVESTIGATION ON A SINGLE SLOPE SOLAR STILL WITH NOVEL 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, 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.

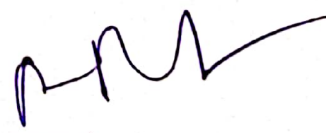


Submitted By

M.T.N.V.V Ramkumar	20A85A0326
R. Lavanya	20A85A0345
V. Sanjay Raju	20A85A0351
A. Bhogeswara Rao	20A85A0301
P. Ramesh Babu	20A85A0353


Mr. B. Swapna Babu

PROJECT GUIDE


Dr. M.V. Ramesh

HEAD OF THE DEPARTMENT

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

EXTERNAL

SRI VASAVI ENGINEERING COLLEGE

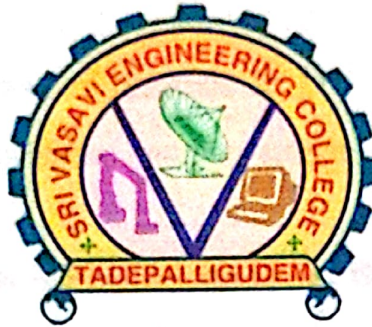
(Autonomous)

(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 “FABRICATION & TESTING OF CARBON AND SISAL FIBER WITH SHEEP HORN POWDER REINFORCED HYBRID COMPOSITE USING HAND LAYUP TECHNIQUE” 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 20A85A0330 M.Naveen, 20A85A0317 I.S.S.krishnam raju, 20A85A0333 Mohammad. Abdul Haneef, 20A85A0355 pola Lukesh, 20A85A0327 M. Vijay babu under our supervision and guidance during academic year 2019-2023.

Project guide

Mr. M. CHAITANYA

Head of the Department

Dr. M.V. RAMESH

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 "EXPERIMENTAL EXPLORATION ON DIESEL BLENDED WITH MUSTARD SEED OIL IN 4-STROKE DIESEL ENGINE" 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 20A85A0335-N.SAI VAMSI, 20A85A0313- G.SYAMA SUNDARA GANESH, 20A85A0314-G.SIVA RAMA KRISHNA, 20A85A0344-R.MURALI, 20A85A0325-M.PRITAM under my supervision and guidance during academic year 2020-2023.

Dr. M.V. RAMESH

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

External examiner

Mr. SK. ARIEF

project guide

SRI VASAVI ENGINEERING COLLEGE

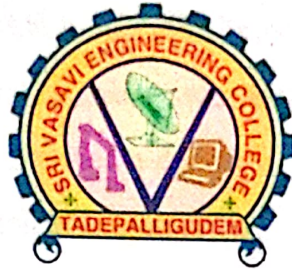
(Autonomous)

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

(Accredited by NAAC with A grade)

TADEPALLIGUDEM

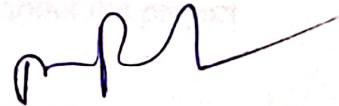
DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that the project entitled "**FABRICATION AND TESTING OF HYBRID COMPOSITE MATERIALS USING KENAF, BASALT FIBRE AND CAMEL HAIR WITH WASTE GLASS POWDER**" 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 20A85A0319 K.Ananda Raju, 20A85A0304 B.Varun Kumar, 20A85A0322 K.Buli Venkat, 20A85A0340 P.P.V.Rajesh, 20A85A0329 M.Manikeerthi under our supervision and guidance during academic year 2019- 2023.


Project guide

Ms. K.L.S. LALITHYA



Head of the Department

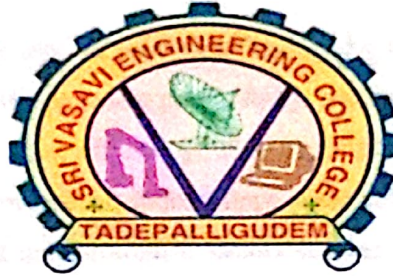
Dr. M.V. RAMESH

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

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

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

S.S.R. Subbaramu
3/5/23

PROJECT GUIDE

Dr. Subbaramu 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

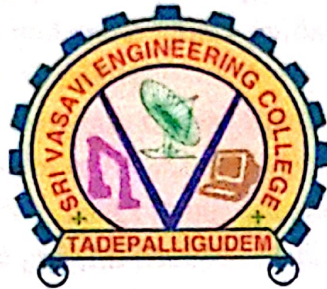
(Autonomous)

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

(Accredited by NAAC with A grade)

TADEPALLIGUDEM

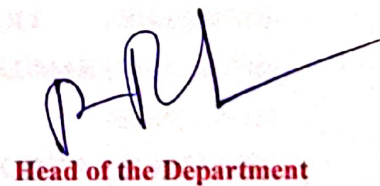
DEPARTMENT OF MECHANICAL ENGINEERING



This is to certify that the project entitled "**DESIGNING OF EYE CONTROLLED WHEEL CHAIR**" 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 T.K.Satyanarayana 20A85A0350, J.Chandramouli 20A85A0318, P.John vinay Kumar 20A85A0338, G.Vamsi 20A85A0316, N.S.S.V.S.Manikanta 20A85A0336, under my supervision and guidance during academic year 2019-2023.


Project guide

Mr. V.RAVI KUMAR


Head of the Department

Dr.M.V.RAMESH

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

External examiner

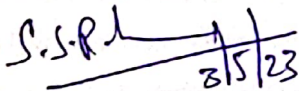
CERTIFICATE

This is to Certify that the Project entitled **EXPERIMENTAL INVESTIGATION ON A RECTANGULAR PYRAMID SOLAR STILL WITH BOTTOM FINNED ABSORBER BASIN & ENERGY STORAGE MATERIAL** In partial fulfillment for the award of the degree of Bachelor of Technology in **MECHANICAL ENGINEERING** of **SRI VASAVI ENGINEERING COLLEGE, PEDATADEPALLI** during the A.Y: 2022-2023. To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other University/Institute for the award of any Degree or Diploma.



Submitted By

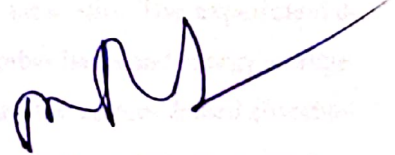
R. Tarun Kumar	20A85A0346
S. Chandan	20A85A0348
P. Sai Phanindra	20A85A0343
P. Nagendra	20A85A0342
A.S.K Prasanth	20A85A0302


21/5/23

Project Guide

Dr. S.S.R Kousik, M. Tech. Ph.D.

Asst. Professor



HEAD OF THE DEPARTMENT

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

Professor & HOD
Head of the Department
Mechanical Engineering
Sri Vasavi Engineering College
TADEPALLIGUDEM-534 101

EXTERNAL