



# SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

An Autonomous Institute

(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)

Accredited by NBA (Mech, ECE & CSE) & NAAC with 'A' Grade

Nandamuru, Pedana Mandal, Krishna Dist – 521369.

DEPARTMENT OF MECHANICAL ENGINEERING



IV B.TECH II SEM

Academic Year 2024-25

## REVIEWI MARKS

SLNo	Roll.No	Student Name	Batch	Name of the Guide
1	22MQ5A0311	MATTA BABI	1	Dr. D. Raja Ramesh
2	21MQ1A0303	MEKA GOPICHAND		
3	22MQ5A0309	MAGANTI BALA SUBRAHMANYAM		
4	22MQ5A0303	KUMAR	2	Dr.MD.Abid Ali
5	22MQ5A0320	YELLAMKOTA UDAYA MANI KANTA		
6	22MQ5A0305	BHOGE REDDI NAGA VENKATA GOPAL		
7	22MQ5A0313	METLA HEMA VENKATA KIRAN	3	Mr. K. Sukumar
8	22MQ5A0306	BOINA CHANDRA MOULI		
9	22MQ5A0318	TAMMBATTULA DHANUSH		
10	22MQ5A0304	BANDARU NARASIMHULU	4	Mrs.CH.Anusha
11	22MQ5A0307	BOTLA HARSHA VARDHAN BABU		
12	21MQ1A0304	PARIMKAYALA NAGA KARTHEEK		
13	22MQ5A0315	PEDDIREDDY RATNA SAI	5	Ms.D.Khyathimai
14	22MQ5A0301	AGNIHOTRAM DHANUSH		
15	21MQ5A0329	VENNEMREDDY JANAKIRAM VENKATESH		
16	22MQ5A0308	KALEPALLI BALA LAKSHMI PHANI KUMAR	6	Mr.D.Kiran Babu
17	22MQ5A0316	SOMALA HARSHA VARDHAN		
18	21MQ1A0305	YERRAMSETTI CHARAN TEJA		
19	22MQ5A0312	MEDAKA VENKATA CHANDRA SEKHAR AZAD	7	Mr.T.Durga Prasad
20	22MQ5A0317	SOMISETTI VIJAY CHITTARANJAN		
21	22MQ5A0314	M. VAMSI KRISHNA		
22	21MQ1A0302	GAMPALA SUJITH KUMAR	8	Mrs.K.Lakshmi Priya
23	22MQ5A0319	YEDDU SIVA KARTHIK		
24	22MQ5A0310	MARUBOYINA NAGA SAI		
25	21MQ1A0301	BATTA SAI CHANDRA		
26	22MQ5A0302	ANDE MUNI SAI RAM		

  
HOD

A Project Report On

*"FABRICATION AND ANALYSIS OF FOOT STEP POWER GENERATOR  
USING TRIBO AND PIEZOELECTRIC SYSTEM"*

Submitted In Partial Fulfillment of The Requirements for The Award Of  
Bachelor of Technology

In

Department of Mechanical Engineering

By

M. BABI 22MQ5A0311

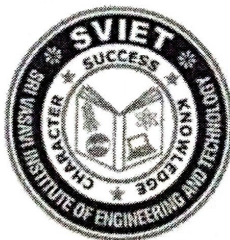
M.BALA SUBRAHMANYAM 22MQ5A0309

M.GOPI CHAND 21MQ1A0303

Under The Esteemed Supervision Of

Dr. D. RAJA RAMESH M.Tech, Ph.D.

PROFESSOR & VICE PRINCIPAL



...Empowering Minds

**DEPARTMENT OF MECHANICAL ENGINEERING**

**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**

Accredited by NAAC 'A-GRADE' & NBA (MECHANICAL, ECE & CSE)

Approved by AICTE, NEW DELHI & affiliated to JNTUK, Kakinada

An ISO 9001:2015 Certified

Institute NANDAMURU-521369

2021-2025



A Project Report On  
“DESICCANT-ASSISTED COOLING SYSTEMS FOR SUSTAINABLE INDOOR  
CLIMATE CONTROL”

Submitted In Partial Fulfilment of The Requirements For The Award Of  
Bachelor Of Technology

In  
Department Of Mechanical Engineering

By

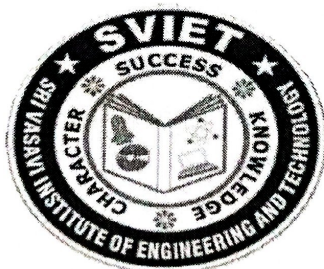
A. Madhava Bhuvaneswara Kumar (22MQ5A0303)

B. Naga Venkata Gopal (22MQ5A0305)

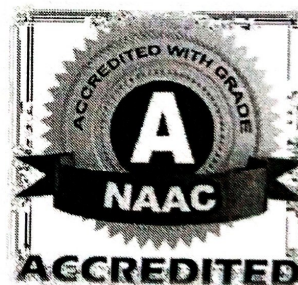
Y. Uday Manikanta (22MQ5A0320)

Under The Esteemed Supervision Of

Dr. Md. Abid Ali M.Tech, Ph.D, Assoc. Professor



...Empowering Minds



DEPARTMENT OF MECHANICAL ENGINEERING

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Accredited By NAAC 'A-Grade' & NBA (Mechanical, Ece & Cse)

Approved By AICTE, New Delhi & Affiliated To JNTUK, Kakinada

An Iso 9001:2015 Certified Institute

Nandamuru-521369

2022-2025

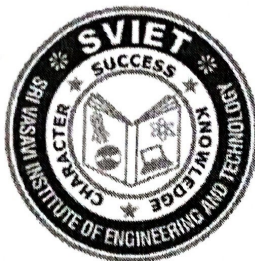
**A Project Report on**  
**SIMULATION OF MECHANICAL CLINCHING FOR JOINING DIFFERENT**  
**SHEET MATERIALS USING DEFORM SOFTWARE**

**Submitted in partial fulfillment of the requirements for the award of**  
**Bachelor of Technology**

**In**  
**Department of Mechanical Engineering**

<b>By</b>	
<b>METLA HEMA VENKATA KIRAN</b>	<b>22MQ5A0313</b>
<b>BOINA CHANDRA MOULI</b>	<b>22MQ5A0306</b>
<b>THAMMABATTULA DHANUSH</b>	<b>22MQ5A0318</b>

**Under the Esteemed Supervision of**  
**Mr. KATIKATHALA. SUKUMAR M.Tech, (Ph.D)**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**Accredited by NAAC 'A-Grade' & NBA (ME, ECE & CSE)**

**Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada**

**An ISO 9001:2015 Certified Institute**

**Nandamuru-521369**

**2022-2025**



**A PROJECT REPORT ON**  
**FABRICATION OF AUTOMATIC SOLAR**  
**GRASS CUTTER**

Submitted in partial fulfillment of the requirements for the award of the Degree of

Bachelor of Technology In  
Department of Mechanical Engineering

By

**P.RATNA SAI**                      **22MQ5A0315**

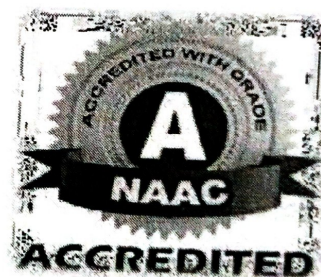
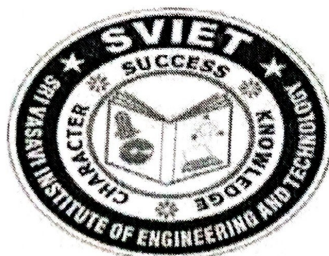
**A.DHANUSH**                      **22MQ5A0301**

**V.J.VENKATESH**                      **21MQ5A0329**

Under the Esteemed Supervision of

**Ms.D.KHYATHIMAI M.Tech,**

**Assistant professor**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Accredited By NAAC 'A-GRADE' & NBA (MECHANICAL, ECE & CSE)

Approved By AICTE, NEW DELHI & Affiliated To JNTU Kakinada

An ISO 9001:2015 Certified Institute

Nandamuru-521369

**2021-2025**

A Project Report On

**“Fabrication of Multi-Control Prosthetic Hand”**

Submitted in partial fulfilment of the requirements for the award of the Degree of  
Bachelor of Technology

In

Department Of Mechanical Engineering

By

B. NARASIMHULU (22MQ5A0304)

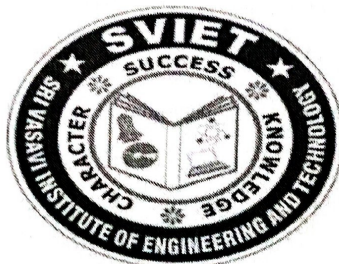
B. HARSHA VARDHAN BABU (22MQ5A0307)

P. NAGA KARTHEEK (21MQ1A0304)

Under The Esteemed Supervision Of

Mrs. CH.ANUSHA M.Tech.(Ph.D)

ASSISTANT PROFESSOR



...Empowering Minds

DEPARTMENT OF MECHANICAL ENGINEERING

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Accredited By NAAC 'A-GRADE' & NBA (MECHANICAL, ECE & CSE)

Approved By AICTE, NEW DELHI & Affiliated To JNTU Kakinada

An ISO 9001:2015 Certified Institute

Nandamuru-521369

2021-2025



A PROJECT REPORT ON  
**FABRICATION OF FIRE EXTINGUISHER ROBOT**

Submitted in partial fulfillment of the requirements for the award of the Degree of  
Bachelor of Technology

In

Department of Mechanical Engineering

By

**K.B.L.PHANI KUMAR**

**22MQ5A0308**

**Y.CHARAN TEJA**

**21MQ1A0305**

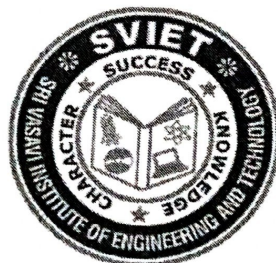
**S.HARSHA VARDHAN**

**22MQ5A0316**

Under the Esteemed Supervision of

**Mr.D.KIRAN BABU M.Tech**

**Assistant professor**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Accredited by NAAC 'A-Grade' & NBA (MECH,ECE&CSE)

Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada

An ISO 9001:2005 certified institute

Nandamuru-521369

2021-2025

A PROJECT REPORT ON  
**FABRICATION OF SOLAR DESALINATION SYSTEM**

*Submitted in partial fulfillment of the requirements for the award of the Degree of  
Bachelor of Technology*

In

Department of Mechanical Engineering

By

**M.V.C.S. AZAD**

**22MQ5A0312**

**M.VAMSI KRISHNA**

**22MQ5A0314**

**G. SUJITH KUMAR**

**21MQ1A0302**

**S.V. CHITTARANJAN**

**22MQ5A0317**

Under the Esteemed Supervision of

**Mr. T. DURGA PRASAD M. Tech**

**Assistant professor**



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

*Accredited by NAAC 'A-Grade' & NBA (MECH, ECE&CSE)*

*Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada*

*An ISO 9001:2005 certified institute*

*Nandamuru-521369*

**2021-2025**

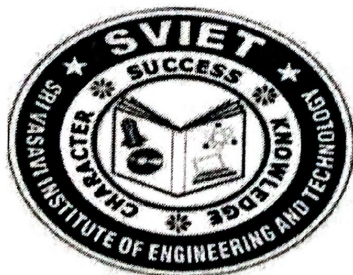


A PROJECT REPORT ON  
**"FABRICATION OF AUTOMATED 3D PRINTER"**  
Submitted In Partial Fulfilment of The Requirements For The Award Of  
Bachelor Of Technology

In  
Department Of Mechanical Engineering

By  
Y.SIVA KARTHIK (22MQ5A0319)  
M.NAGA SAI (22MQ5A0310)  
A.MUNI SAI RAM (22MQ5A0302)  
B.SAI CHANDRA (21MQ1A0301)

Under The Esteemed Supervision Of  
Mrs K.LAKSHMI PRIYA M.E, Assistant Professor



...Empowering Minds



Department Of Mechanical Engineering  
Sri Vasavi Institute Of Engineering & Technology  
Accredited By NAAC 'A-Grade' & NBA(Mechanical, Ece & Cse)  
Approved By AICTE, New Delhi & Affiliated To JNTUK, Kakinada  
An Iso 9001:2015 Certified Institute

Nandamuru-521369

2021-2025