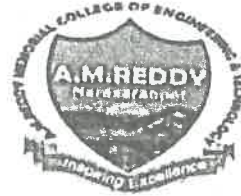





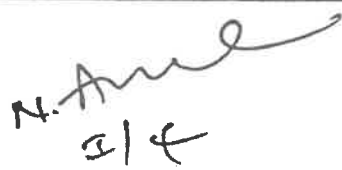
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**DEPARTMENT OF AGRICULTURAL ENGINEERING  
A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY  
PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPET -522601  
PALANADU (DISTRICT), ANDHRA PRADESH, INDIA.**



**CERTIFICATE**

This is to certify that project entitled "STABILIZATION OF DAIRY WASTE WATER WITH BIO-ENZYME" is that recorded of bonafied work carried out by Mr.M. Ashok Kumar (19HM1A3510), Ms.M.Sravani (19HM1A3511), Ms.M.Gayathri (20HM5A3511), Mr.M.Niranjan Kumar (20HM5A3513), Mr.U.Sai Kumar (20HM5A3526), under my supervision and guidance. This project is submitted to the department of Agricultural Engineering, A.M REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY in partial fulfillment of requirements for the award of the degree Bachelor of Technology in Agricultural Engineering during the academic year 2019-2023.

<b>Project Guide</b>	1.Dr.D. Anand Babu., M.Tech., Ph.D. Professor & HOD 2.B. Chinna Babu., M.A, M.Tech. Assistant professor Dept. of Agricultural Engineering AMRCET	 
<b>Head of the Department</b>	Dr.D. Anand Babu., M.Tech., Ph.D. Professor & HOD Dept. of Agricultural Engineering AMRCET	
<b>Principal</b>	Dr. Jaya Krishna., M.Tech.,Ph.D. Principal Dept. Of Mechanical Engineering AMRCET	

02/05/2023  
Date of Final Viva-voice:

  
External Examiner

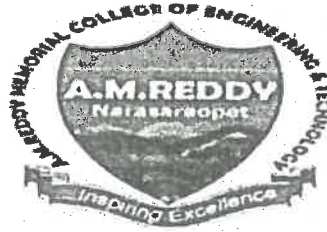
iii

  
Principal

**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM**

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**DEPARTMENT OF AGRICULTURAL ENGINEERING**  
**A.M REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**PETLUVARIPALEM, VINUKONDA ROAD, NARASARAOPET-522601**  
**PALNADU (DIST), ANDHRA PRADESH, INDIA**



**CERTIFICATE**

This is to certify that the project entitled “**DEVELOPMENT OF PORTABLE TYPE AGRICULTURE WASTE SHREDDER MACHINE**” is the record of authentic work carried out by Ms.A. Sreeja (19HM1A3502), Ms.B.Saipriya (19HM1A3504), Ms.T.Kalyani (19HM1A3521), Mr. V.Naveen(19HM1A3525), Mr.S.Hemanth(20HM5A3522), under my supervision and guidance. This project is submitted to the Department of Agricultural Engineering, **A.MREDDY MEMORIAL COLLEGE OF ENGINEERING&TECHNOLOGY** in partial fulfilment of the requirements for the award of the degree Bachelor of Technology in Agricultural Engineering during the academic year 2019-2023.

<b>Project Guide</b>	Dr. D. Anand Babu., M Tech., Ph.D. <b>Professor &amp; HOD</b> Department of Agricultural Engineering AMRCET	
<b>Head of the department</b>	Dr. D. Anand Babu., M Tech., Ph.D. <b>Professor &amp; HOD</b> Department of Agricultural Engineering AMRCET	
<b>Principal</b>	Dr.S. Jaya Krishna., M Tech., Ph.D. <b>Principal</b> Department of Mechanical Engineering AMRCET	

02/05/2023  
DATE OF VIVA VOICE

Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
NARASARAOPET (DIST) ANDHRA PRADESH

EXTERNAL EXAMINAR

DEPARTMENT OF AGRICULTURAL ENGINEERING  
A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY  
PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPETA-522601  
PALNADU (DISTRICT), ANDHRA PRADESH, INDIA.



**CERTIFICATE**

This is to certify that the project entitled "PREPARATION OF RED DRAGON FRUIT WINE" submitted in the fulfilment for the award of degree Bachelor of Technology in Agricultural Engineering was carried out by Mr. G. Pavan Kumar Reddy (19HM1A3508), Ms. T. Naga Dixika Reddy(19HM1A3512), Ms. S. Vandhana (19HM1A3519), Ms. C. Hima Bindu (20HM5A3503), Mr. G. Praneeth Kumar (20HM5A3505), Ms. I. Varalakshmi (20HM5A3507) under my supervision and guidance. This project submitted to the department of Agricultural Engineering, A. M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY in partial fulfilment of the requirement of the requirement for the award of the degree Bachelor of Technology in Technology in Agriculture Engineering during the academic year 2019-2023.

Project Guide	Dr. D. Anand Babu., M. Tech, Ph.D. Professor & HOD B. Chinna Babu., M.A, M.Tech, Assistant professor Dept. of Agricultural Engineering AMRCET	
Head of the Department	Dr. D. Anand Babu., M. Tech, Ph.D. Professor & HOD Dept. of Agricultural Engineering AMRCET	
Principal	Dr. S. Jaya Krishna., M. Tech, Ph.D. Principal Dept. of Mechanical engineering AMRCET	

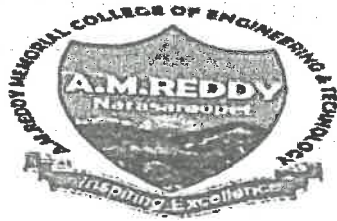
DATE OF VIVA-VOCE:

Principal

EXTERNAL EXAMINAR

A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur Dt.

**DEPARTMENT OF AGRICULTURAL ENGINEERING**  
**A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPET-522601 PALNADU**  
**(DIST), ANDHRA PRADESH, INDIA.**



**CERTIFICATE**

This is to certify that project entitled "DESIGN AND FABRICATION OF SOLAR POWERED INSECT PEST TRAPPER" is the record of authentic work carried out by Ms. Sahithya Papabathini Venkata (19HM1A3516), Ms. Dakshinya Potturi (19HM1A3517), Mr. Brahmam Guddinagala (20HM5A3504), Mr. Tharun Naik Ramavath (20HM5A3518), Ms. Sreevani Seshadhri Boya (20HM5A3520), under my supervision and guidance. This project is submitted to the Department of Agricultural Engineering, A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY in partial fulfillment of the requirements for the award of the degree Bachelor of Technology in Agricultural Engineering during the academic year 2019 - 2023.

<b>Project Guide</b>	<b>Dr. D. Anand Babu., M. Tech., Ph.D.</b> Professor & HOD <b>K. Tirumala., M. Tech.</b> Assistant Professor Department of Agricultural Engineering AMRCET	<i>Anand</i> <i>Tirumala</i>
<b>Head of Department</b>	<b>Dr. D. Anand Babu., M. Tech., Ph.D.</b> Professor & HOD Department of Agricultural Engineering AMRCET	<i>Anand</i>
<b>Principal</b>	<b>Dr. S. Jaya Krishna., M. Tech., Ph.D.</b> Principal Department of Mechanical Engineering AMRCET	<i>N. Jaya Krishna</i> <i>I/C</i>

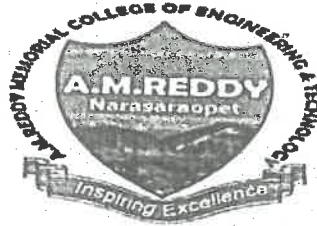
DATE OF ... 02/05/2023

*[Signature]*  
Principal

*[Signature]*




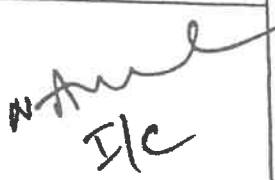
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DEPARTMENT OF AGRICULTURAL ENGINEERING  
A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY  
PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPETA-522601  
PALNADU (DISTRICT), ANDHRA PRADESH, INDIA.



**CERTIFICATE**

This is to certify that the project entitled "DESIGN AND FABRICATION OF ROOT CROP VEGETABLE WASHER" submitted in the fulfilment for the award of degree Bachelor of Technology in Agricultural Engineering was carried out by Mr. C. Vishnu Datta (19HM1A3505), Mr. S.K. Abdul Sattar (19HM1A3520), Ms. M. Sindhuja (20HM5A3512), Mr. P. Neelakanta (20HM5A3517), Ms. T. Jenny Stella (20HM5A3523) under my supervision and guidance. This project submitted to the department of Agricultural Engineering, A. M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY in partial fulfilment of the requirement of the requirement for the award of the degree Bachelor of Technology in Technology in Agriculture Engineering during the academic year 2019-2023.

<b>Project Guide</b>	Dr. D. Anand Babu., M. Tech., Ph.D. Professor & HOD B. Chinna Babu., M.A, M. Tech. Assistant Professor Dept. of Agricultural Engineering AMRCET	 
<b>Head of the Department</b>	Dr. D. Anand Babu., M. Tech., Ph.D. Professor & HOD Dept. of Agricultural Engineering AMRCET	
<b>Principal</b>	Dr. S. Jaya Krishna., M. Tech., Ph.D. Principal Dept. of Mechanical engineering AMRCET	

02/05/2022  
DATE OF FINAL VIVA-VOCE

  
EXTERNAL EXAMINAR

  
Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Guntur (Dt.)

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DEPARTMENT OF AGRICULTURAL ENGINEERING  
A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY  
PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPETA-522601  
PALNADU (DISTRICT), ANDHRA PRADESH, INDIA.



**CERTIFICATE**

This is to certify that the project entitled "DEVELOPMENT OF PROTOTYPE EVAPORATIVE COOLING SYSTEM" submitted in the fulfilment for the award of degree Bachelor of Technology in Agricultural Engineering was carried out by Mr. G. Vijay Kumar (19HM1A3507), Ms. P. Devi Sri Swetha (19HM1A3515), Ms. T. Padma (19HM1A3522), Mr. V. Kiran (19HM1A3526), Mr. P. Ratna Kishore (20HM5A3515), Ms. P. Divya Swetha Phal (20HM5A3516) under my supervision and guidance. This project submitted to the department of Agricultural Engineering, A. M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY in partial fulfilment of the requirement of the requirement for the award of the degree Bachelor of Technology in Technology in Agriculture Engineering during the academic year 2019-2023.

Project Guide	Dr. D. Anand Babu., M. Tech, Ph.D. Professor & HOD Dept. of Agricultural Engineering AMRCET	
Head of the Department	Dr. D. Anand Babu., M. Tech, Ph.D. Professor & HOD Dept. of Agricultural Engineering AMRCET	
Principal	Dr. S. Jaya Krishna., M. Tech, Ph.D. Principal Dept. of Mechanical engineering AMRCET	

02/05/2023  
DATE OF VIVA-VOCE:

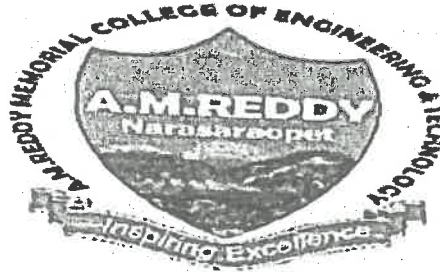
EXTERNAL EXAMINAR

Principal  
A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (Mdl), Gunturi Dist.

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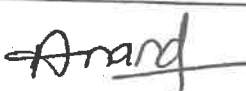



## DEPARTMENT OF AGRICULTURAL ENGINEERING

**A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada), Vinukonda road,  
Petlurivaripalem (v), Narasaraopeta (M), Palnadu (Dt)-522601, Andhra Pradesh



### CERTIFICATE

This is to certify that the project entitled "PRODUCTION OF BIO-ETHANOL FROM PADDY STRAW" submitted in the fulfillment for the award of degree Bachelor of Technology in Agricultural Engineering was carried out by Ms. B. Satya Sukeerthi (19HM1A3503), Mr. P. Raju (19HM1A3514), Mr. V. Srinivasulu (19HM1A3524), Mr. H. Thukaram (20HM5A3506), Ms. L. Navya (20HM5A3510) under my guidance and supervision. This project is submitted to the Department of Agricultural Engineering **A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY** in partial requirement for the award of degree Bachelor of Technology in Agricultural Engineering during academic year 2019-2023.

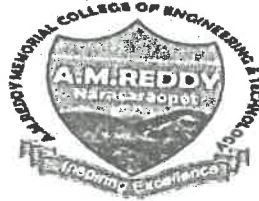
<b>Project Guide</b>	1. <b>Dr. D. Aanad Babu M.Tech., Ph.D</b> Professor & HOD 2. <b>B. Chinna Babu, M.A., M. Tech</b> Assistant professor Dept. of Agriculture Engineering AMRCET	 
<b>Head of the Department</b>	<b>Dr. D. Aanad Babu M. Tech., Ph. D.</b> Professor & HOD Dept. of Agriculture Engineering AMRCET	
<b>Principal</b>	<b>Dr. S. Jaya Krishna M. Tech., Ph.D.</b> Principal Dept. Mechanical & Engineering AMRCET	

02/05/2023  
DATE OF FINAL VIVA-VOCE:

  
EXTERNAL EXAMINER

  
Principal  
**A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopeta (M), Guntur (Dt)**

DEPARTMENT OF AGRICULTURAL ENGINEERING  
A.M REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY  
PETLURIVARIPALEM VINUKONDA ROAD, NARASARAOPET-522601  
PALNADU (DIST), ANDHRA PRADESH, INDIA.



**CERTIFICATE**

This is to certify that the project entitled "DESIGN AND DEVELOPMENT OF MANUAL OPERATED MULCHING EQUIPMENT" is the record of authentic work carried out by Ms. A. Sreevidya (19HM1A3501), Mrs. M. Ashwini (19HM1A3509), Mr. A. Venkatesh (20HM5A3502), Mr. J. Vijay Kumar (20HM5A3508), Ms. T. Pavithra (20HM5A3524), under my supervision and guidance. This project is submitted to the Department of Agricultural Engineering, A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY in partial fulfilment of the requirements for the award of the degree Bachelor of Technology in Agricultural Engineering during the academic year 2019-2023.

Project Guide	Dr. D. Anand Babu., M Tech., Ph.D. Professor & HOD Department of Agricultural Engineering AMRMCET	
Head of the department	Dr. D. Anand Babu., M Tech., Ph.D. Professor & HOD Department of Agricultural Engineering AMRMCET	
Principal	Dr.S. Jaya Krishna M Tech., Ph.D. Principal Department of Computer Science AMRMCET	

02/05/2023  
Date of viva-voice:

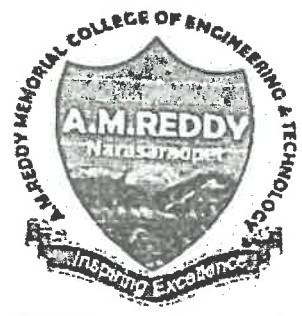
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A.M REDDY MEMORIAL COLLEGE OF  
ENGINEERING & TECHNOLOGY  
PETLURIVARI PALEM  
Narasaraopet (M.D) Guntur(Dt

EXTERNAL EXAMINAR



**DEPARTMENT OF AGRICULTURAL ENGINEERING**  
**A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**PETLURIVARIPALEM, VINUKONDA ROAD, NARASARAOPET- 522602**  
**PALNADU (DT), ANDHRA PRADESH, INDIA.**



**CERTIFICATE**

This is to certify that the project entitled "DEVELOPMENT OF SUGARCANE BUD CUTTER" is the record of bonafied work carried out by Ms. Ch. Sai Sathvika (19HM1A3506), Mr. N. Siva Prasad (19HM1A3513), Mr. P. Dhana Teja (19HM1A3518), Mr. T. Nani Akhil Kumar (19HM1A3523), Ms. A. Guna Sree (20HM5A3501), under my supervision and guidance. This project is submitted to the department of Agricultural Engineering, A. M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY in partial fulfilment of the requirement for the award of the Degree Bachelor of Technology in Agricultural Engineering during the academic year 2019-2023.

<b>Project Guide</b>	<b>Dr. D. Anand Babu., M. Tech., Ph.D.</b> Professor & HOD Dept. of Agricultural Engineering <b>B. Chinna Babu., M.A, M. Tech</b> Assistant professor Dept. of Agricultural Engineering <b>AMRCET</b>	 
<b>Head of the Department</b>	<b>Dr. D. Anand Babu., M. Tech., Ph.D.</b> Professor & HOD Dept. of Agricultural Engineering <b>AMRCET</b>	
<b>Principal</b>	<b>Dr. S. Jaya Krishna., M. Tech., Ph.D</b> Principal Dept. of Mechanical Engineering <b>AMRCET</b>	

02/05/2023  
 DATE OF FINAL VIVA-VOCE

EXTERNAL EXAMINER

iii  
  
 Principal  
**A.M REDDY MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY**  
**PETLURIVARI PALEM**  
 Narasaraopet (Mdl), Guntur Dt.