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## About Department



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## HISTORY

The Department of Renewable Energy Engineering was established in the college in the year 1981, with the objectives of Teaching, Research & Extension in the field of Renewable Energy keeping in mind about the importance of Energy, Ecology & Environment in the fast changing scenario. The department has acquired a national and international fame within a short span and contributed number of technologies in the field of renewable energy. Post graduate course programmes had been introduced viz. M.Tech. (RES) in the year 1986 & Ph.D. (RES) in the year 1999. The Ministry of New & Renewable Energy Sources, Govt. of India has also recognized its M.Tech. & Ph.D. degree for awarding fellowship to deserving candidates for undertaking research in the field of renewable energy.



The department is actively involved in teaching UG and Post Graduate students and extensive research in the field of solar, biogas, slurry management, biomass gasification and biomass production and also extension activities related to new and renewable energy sources at the village level.

## Objectives

- To create a strong base for use of new & renewable energy sources in agriculture for increased production and for meeting out domestic energy requirement.
- To create awareness for rural development through recycling of locally available organic waste for energy use and manure availability.
- To offer postgraduate programme in Renewable Energy Engineering leading to M.Tech.(Ag), Ph.D. (Ag.) in renewable energy and courses of undergraduate students..
- To offer under graduate and post-graduate research project to the students of different disciplines.
- To generate employment at rural level by providing training for self employment.

## VISION

To be a centre of excellence which integrates all facets of Renewable Energy, entrepreneurship and environmental management and be recognized as the focal point for catalyzing the growth of the energy and agriculture, renewable energy engineering and related industries; and to produce skilful and high quality post graduate engineers supported by up-to-date curriculum and scientific and industrial research to suit the industry, to enhance the energy saving potential by providing databank, testing facilities, suitable consultancy and training services.

## MISSION

Impart education and updated knowledge to PG students so as to make them competent enough in the areas of management by offering the courses and training inputs on renewable energy engineering, energy auditing, waste management, bio fuels & environment engineering;

management and entrepreneurship.

Menu



development of farmers community as well as aid in relieving the pressure of energy deficiency.

## PROGRAMME EDUCATIONAL OBJECTIVES

### Quick Links

- Home (index.php)
- To provide students with a sound foundation in the renewable energy engineering fundamentals. A post graduate must be able to understand renewable energy technologies and to engage in an integrated system-level design.
- Sitemap (singlePage.php?id=17&type=SP)
- National Institute Ranking Framework - CTAE Reports (singlePage.php?id=31&type=SP)
- TEQIP-III (singlePage.php?id=34&type=SP)
- A post graduate student must have sound understanding of the energy and related fields and necessary perspective to pursue work in renewable related industries and fields so as to cover the whole spectrum of renewable energy engineering.
- Bhartiya Chakra Sansad (singlePage.php?id=44&type=SP)
- Prayaag 2013 (CTAE TechFest) (singlePage.php?id=15&type=SP)
- C-GOLD-2014-Activities (singlePage.php?id=17&type=SP)
- To develop the analytical and logical aptitude among students to quickly adapt to new work environments, assimilate new information, and solve new problems.
- Gold Firstaid - CTAE Analytical and Logical aptitude test (singlePage.php?id=19&type=SP)
- Promoting innovations in individuals, Start-ups and MSMEs (singlePage.php?id=21&type=SP)
- IUIMS (singlePage.php?id=22&type=SP)
- To provide exposure of new cutting edge technologies to the students and to motivate them to take up new challenges to solve the problems faced by society and nation through research and development.
- STUDENT PORTAL - GCIN (singlePage.php?id=23&type=SP)
- Tech View 2015 (singlePage.php?id=24&type=SP)
- CTAE TECHFEST-2015 (singlePage.php?id=26&type=SP)
- Students No Dues Form (singlePage.php?id=28&type=SP)

## PROGRAMME OUTCOME

- GLOBAL RAJASTHAN AGRITECH MEET (GRAMMIG) (singlePage.php?id=29&type=SP)
- Vidya Lakshmi Portal - VLP (singlePage.php?id=32&type=SP)
- "ARIIA 2020 Submission Report" (images/staticContent/Submission Report 2020.pdf)
- Develop skill and expertise amongst post graduate scholars to design, install and commission projects on waste management and natural renewable resource utilization for energy recovery and environmental friendly disposal.
- Package of Practices, Publication & Patent Facilitation Cell (singlePage.php?id=46&type=SP)
- STATE ENVIRONMENTAL FRIENDLY DISPOSAL KARMATH-2020 (singlePage.php?id=49&type=SP)
- C.T.A.E. STUDENT FEED BACK SYSTEM (B.Tech. Program) (singlePage.php?id=58&type=SP)
- Generate adequate trained man power for implementing national mission and policies of government related to renewable energy harnessing in our country.
- NewGen IEDC-CTAE (singlePage.php?id=59&type=SP)
- ARIIA 2021 CTAE REPORT (images/staticContent/ARI-I-1067.pdf)
- MPUAT Post Graduate (images/staticContent/Telephone Directory - MPUAT (2022).pdf)
- Prepare cadre of research scholars for achieving entrepreneurial skills and self employment opportunities in renewable energy sector.
- Farm Machinery Testing Centre (singlePage.php?id=72&type=SP)

## Contact Us

Udaipur, IN.

Following are the ongoing important research project running in the Department:

College of Technology

and Engineering,  
All India Coordinated Research Projects (ICAR)  
Udaipur(Rajasthan) 313001

1. Project:

All India Coordinated Research Projects (ICAR)  
Udaipur(Rajasthan) 313001

Fund:

Rs. 97 Lakh per annum

Funding Agency:

ICAR, New Delhi

Tel.No. +91 294 2470837 (o)

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Cloudy

Email: deanctae@mpuat.ac.in

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217/weather-

nt and Training Centre (mailto:ctaedeans@gmail.com)

Fund: <a href="http://www.ctae.ac.in">www.ctae.ac.in</a> in&utm_medium=oap_weather_widget&utm_term=link_current&utm_content=accuweather&utm_campaign=current)	Rs. 30 Lakh per annum	Web: <a href="http://www.ctae.ac.in">www.ctae.ac.in</a> ( <a href="http://www.ctae.ac.in">http://www.ctae.ac.in</a> )
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