



PDEU

PANDIT DEENDAYAL ENERGY UNIVERSITY
NAAC Accreditation: "A" Grade & CGPA (3.39/4.00)

SOT
SCHOOL OF
TECHNOLOGY

Admissions: 2022-2023

M.TECH PROGRAMME

ENERGY AND ENVIRONMENTAL MANAGEMENT

Apply Online: <https://www.pdpu.ac.in/admissions-masters.html>

LAST DATE: 25th June 2022

Why Energy and Environmental Management?

Energy and Environmental Management is a multi-disciplinary branch of engineering, which seeks to efficiently use energy and to maintain the environment. Energy and Environment engineers require knowledge across many. Careers include work in the built environment, renewable and traditional energy industries. It seeks to explore cleaner, more efficient ways of using fossil fuels, while investigating and developing systems using renewable and sustainable resources, such as solar, wind and wave energy.

The objective of this program is to form project leaders or supervisors capable of managing complex engineering projects in the domain of the environment and energy conversion systems within an international context. It also offers a balanced program of management skills and engineering techniques for environmental and energy projects. The technical content of the course concentrates on technology and process engineering as well as process modelling, simulation, and control.

As a Masters in energy and environmental management, you can work nationally and internationally to create energy efficient products and systems. Solid knowledge of environmental engineering, energy processes is necessary to create energy-efficient systems. Your ability to see environmental and energy systems from different perspectives is necessary to develop processes and products that promote sustainable development. Your broad expertise in this course can be used in many different areas of work, and is therefore of great value to many different types of businesses as well as governments and international contacts.



Eligibility Criteria

B.E./B.Tech. or equivalent in Chemical Engineering / Chemical Technology / Biochemical engineering / Petrochemical and/or Petroleum engineering/Technology/Civil Engineering / Mechanical Engineering / Environmental Engineering /MSC in Chemistry/ Physics/Environment/Nanoscience/Nanotechnology with minimum 60% or CPI/CGPA of 6.5 on a 10 point scale as an aggregate of all the semesters.

**50% Seats are earmarked for the candidate having valid and qualified GATE score.*

12,400 and 8000 p.m to GATE & Non-Gate qualified students will get stipend as per norms.

Highlights

- ❖ **Strong National & International Collaborations with Industries and Research Labs.**
- ❖ **Curriculum Based on Industrial Needs.**
- ❖ **Qualified Faculties from Premier Institutions/Industries.**
- ❖ **Student Exchange Programme with good universities and live projects in industries.**
- ❖ **Fully Equipped experimental & simulation Laboratories with Research Facilities.**
- ❖ **Financial Support for Research projects and Paper Presentations**
- ❖ **Assured Placement assistance.**

Why M.Tech at PDEU?

- Master's education is aimed at developing each student's ability to conduct scientific research and perform chemical engineering tasks independently. Our graduate curriculum provides a sound understanding of engineering fundamentals and practices. Thus, the aim is to make them versatile, productive, and successful in their career.
- We offer a broad range of research opportunities at PDEU that apply traditional chemical engineering principles and modern science to solve some of today's most pressing problems like carbon capture, clean water technology and energy. Department also focus on the following research areas such as catalysis and reaction engineering, porous materials for drug delivery, energy and environment, biodiesel, biochemical engineering, and nanotechnology.

FOR MORE DETAILS CONTACT: School of Technology, Pandit Deendayal Energy University (PDEU)

Raisan, Gandhinagar 382007, Gujarat, INDIA. Phone: +91-7923275423; +91-79-23275461; +91-79-23275391

Email: swapnil.dharaskar@sot.pdpu.ac.in; rajat.saxena@sot.pdpu.ac.in; Website: <https://www.pdpu.ac.in/admissions-masters.html>