



5-Year Integrated

B.Tech in Energy Engineering and MBA in Energy Management

Introduction

The 5 year Integrated B.Tech in Energy Engineering & MBA in Energy Management at Adani University develops skilled professionals for specialized infrastructure projects by blending technology and management. The curriculum covers emerging technologies in energy production, storage, transmission, automation, utilization, along with government policies, contracts and regulations. Key modules also include project management, energy planning, valuation, strategic management, finance, and operations.

Goal and Impact

- The energy industry is rapidly evolving, driven by technological innovations, policy shifts, and market dynamics.
- Aligned with the UN's SDG 7, the sector focuses on affordable, sustainable energy access.
- Key advancements include clean energy, hydrogen technologies, smart grids, and carbon capture.
- As the industry transforms, next-generation experts and leaders with expertise in technology, management, and sustainability are crucial.
- Specialized courses play a vital role in preparing future pioneers.

Key Differentiators

Specialized Program

This is a pioneering specialized program, the first of its kind offered in India and globally.

NEP 2020 Empowered

The program is aligned with the National Education Policy (NEP) 2020 guidelines.

Experiential Learning

Hands-on experience through projects and internships.

Focus Areas

- Energy Engineering and Management practices in production and distribution with cost effective and reliable supply.
- Sustainable industry practices to reduce emissions and combat global warming.
- Encouraging innovation and fresh perspectives from young professionals.
- Multi-dimensional and Interdisciplinary approach for solving future energy sector challenges.



Career Opportunities

Roles include:

- Engineering & Technical Roles
- Operations & Maintenance
- Management & Business Roles
- Environmental & Sustainability Roles
- Policy & Research Roles

Adani University Industry connects

Adani University offers this unique program with strong support from the Adani Group, one of the world's largest energy companies, along with other leading firms in the energy sector, providing an exceptional learning experience through industry immersion opportunities.

Industry Demand and Job Opportunity

"The number of energy jobs globally rose by 3.8% last year surpassing 67 million." World Energy Employment report 2024

"Clean technologies are driving job growth in the energy sector, but skills shortages are an increasing concern" International Energy Agency (IEA)

"Tech's energy demand drives big rise in long-term power contracts, and more top energy stories" The World Economic Forum Report 2025.

"63% of companies in India's power sector forecast hiring growth" TeamLease Services Employment Outlook Report 2025

Admission Eligibility

- Completed 10+2 with Physics, Chemistry and Mathematics from any recognized board in India with a minimum 45 % marks in aggregate.
- A valid score on the JEE Main, or qualified Common University Entrance Test (CUET), GUJCET or Adani University Entrance Test (AUET).

Graduation Degree

- A student exiting at the end of 4th year receives a "B.Tech in Energy Engineering"
- A student exiting at the end of the 5th year receives an integrated B.Tech in Energy Engineering and MBA in Energy Management.

Scan for more details



www.adaniuni.ac.in

Call / Whatsapp:

89808 05306
99988 61340

admissions.fest@adaniuni.ac.in