


VIBRANT CAMPUS LIFE

- 65+ Hobby Clubs
- 13 IEEE Technical Societies
- 12 ACM Special Interest Groups
- 45 Acre CCTV Secured Campus
- Sports Infrastructure for Cricket, Basketball, Football, Badminton, Volleyball, Lawn Tennis
- 5 Star Rated Hostel Facility

DREAM JOBS BEGIN @MBU

Sumanaswini
Google
₹60LPA

Harshavika
Google
₹60LPA

Vatsalya Polineni
Google
₹60LPA

Lakshmi Prasanna
amazon
₹45LPA

Pavitra Reddy
₹44LPA

Putta Reddy
amazon
₹32 LPA

Hakeem Aswath Basha
amazon
₹32 LPA

Raparti G Aamreen
amazon
₹32 LPA




GLOBAL ADVANTAGE @MBU

WISCONSIN
RWTH AACHEN UNIVERSITY
PennState University

International collaborations with Top 100 Global Universities for Student Exchange and Study Abroad Programs

JOINT CERTIFICATION PROGRAMS WITH TOP INTERNATIONAL UNIVERSITIES

WAYNE STATE UNIVERSITY
VCU
STUDY IN ROMANIA UNIVERSITY OF PITESTI
亞洲大學 ASIA UNIVERSITY

RANKINGS AND ACCREDITATIONS*

nirf 2024
Ranked 201-300 Band

nirf-Innovation
Ranked 51-100 Band-2023

A+ NAAC

DIAMOND QS I-GAUGE

NBA
Accredited Programs

AICTE-CII Survey
Platinum Category

SII GREEN RANKINGS 2023
Listed in Top 20 Universities of India

DIAMOND BAND
MHW RANKINGS 2023

INSTITUTION'S INNOVATION COUNCIL
RANKED 3.5 STAR

*All the Accreditations and Recognitions are for SVET Colleges now known as Mohan Babu University

MBU
SCHOOL OF ENGINEERING

To apply, call on **946 9465 946** or visit **http://admissions.mbu.asia/**
Campus - Sree Sainath Nagar, Tirupati, Andhra Pradesh - 517102
Email: admissions@mbu.asia

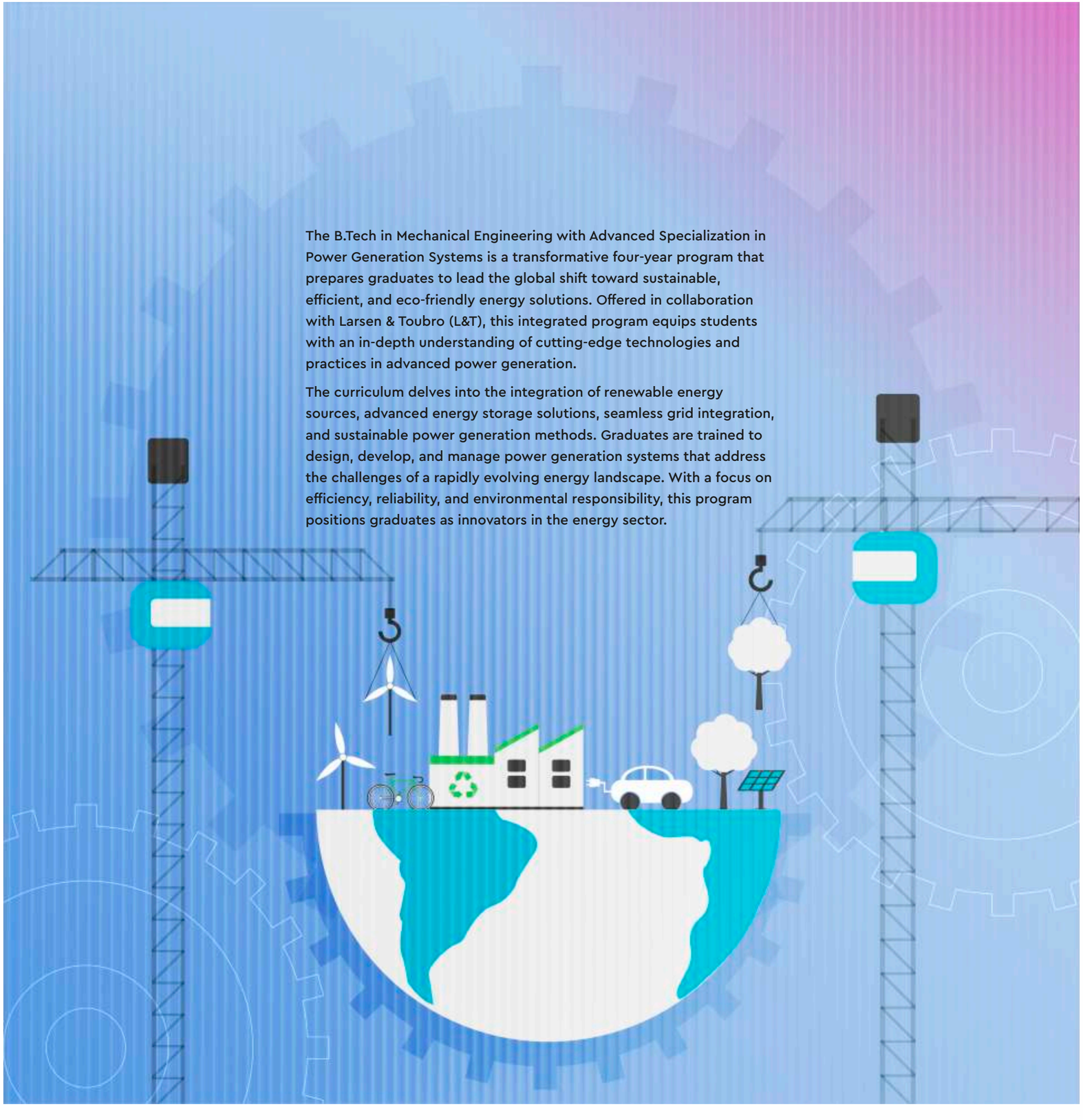
MBU
SCHOOL OF ENGINEERING

PIONEERING THE FUTURE OF POWER GENERATION

B.TECH - MECHANICAL ENGINEERING
(Advanced Power Generation Systems in Academic Collaboration with L&T) @ MBU

"Dream Big. Achieve Bigger."

Padma Shri Dr. M Mohan Babu
Chancellor, Mohan Babu University



The B.Tech in Mechanical Engineering with Advanced Specialization in Power Generation Systems is a transformative four-year program that prepares graduates to lead the global shift toward sustainable, efficient, and eco-friendly energy solutions. Offered in collaboration with Larsen & Toubro (L&T), this integrated program equips students with an in-depth understanding of cutting-edge technologies and practices in advanced power generation.

The curriculum delves into the integration of renewable energy sources, advanced energy storage solutions, seamless grid integration, and sustainable power generation methods. Graduates are trained to design, develop, and manage power generation systems that address the challenges of a rapidly evolving energy landscape. With a focus on efficiency, reliability, and environmental responsibility, this program positions graduates as innovators in the energy sector.

PROGRAM HIGHLIGHTS

- **Industry-Driven Curriculum:** Designed in collaboration with L&T, incorporating real-world applications and cutting-edge technologies.
- **Comprehensive Coverage:** Explores renewable energy integration, sustainable power methods, and energy storage systems.
- **Practical Expertise:** Emphasis on hands-on training in power plant engineering, fire and life safety systems, and utility systems for industrial facilities.
- **Sustainability Focus:** Graduates are prepared to meet the demands of an energy-conscious world with eco-friendly solutions.

KEY LEARNING AREAS

1. **Design of Fire and Life Safety Systems**
   - Principles and applications in industrial and commercial facilities.
2. **Green Energy Systems**
   - Overview and applications of renewable energy in sustainable development.
3. **Utility Systems for Industrial Facilities**
   - Designing efficient and reliable utility systems for various industries.
4. **Power Plant Engineering**
   - Industrial context of modern power plants, including thermal and renewable sources.
5. **Steam Generator & Auxiliary Systems**
   - Engineering and operational principles of steam generation systems.
6. **Steam Turbine & Auxiliary Systems**
   - Advanced knowledge of turbine technology and auxiliary systems.

WHY CHOOSE THIS PROGAM?

THE MBU ADVANTAGE

- Academic to Industry Program: Seamlessly bridging classroom learning with real-world applications to prepare industry-ready graduates.
- Continuous Evaluation Program for Placement Readiness: Focused assessments and skill-building to enhance employability and career success.
- Training for English Proficiency: Preparing students for global opportunities through comprehensive language training.
- Future-Ready Curriculum : Stay ahead in the energy sector with knowledge of advanced systems and sustainable practices.
- Hands-On Training : Gain practical skills with industry-standard tools and real-world projects.
- Career Opportunities : Prepare for roles in power plant design, energy consultancy, utility systems engineering, and more.
- Sustainability Leadership : Be at the forefront of developing eco-friendly power generation systems.

INSTITUTIONAL PLACEMENTS

110+
Multinational Corporations visited in 2023-24 with
1800+ offers

20%
Growth in highest package with the highest being
60 Lakhs

45%
students placed in MNCs with a package above
6 Lakhs

Students got offers from
Google at a package of **60 Lakhs** & a package of **44 Lakhs** from amazon & YugaByte