







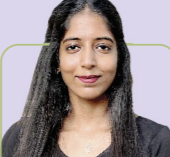











DREAM JOBS BEGIN @MBU

 Sumanaswini  ₹60LPA	 Harshavika  ₹60LPA	 Vatsalya Polineni  ₹60LPA	 Lakshmi Prasanna  ₹45LPA
 Pavitra Reddy  ₹44LPA	 Putta Reddy  ₹32LPA	 Hakeem Aswath Basha  ₹32LPA	 Raparti G Aamreen  ₹32LPA

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



GLOBAL ADVANTAGE @MBU



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

JOINT CERTIFICATION PROGRAMS WITH TOP INTERNATIONAL UNIVERSITIES



RANKINGS AND ACCREDITATIONS*



Ranked 201-300 Band



Ranked 51-100 Band-2023



Accredited Programs



AICTE-CII Survey Platinum Category



Listed in Top 20 Universities of India



RANKED 3.5 STAR

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



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



Empowering the Future with Cutting-Edge EV Electrical Systems

B.Tech - Electrical and Electronics Engineering
 (Advanced Specialization in Electric Vehicles in Academic Collaboration with L&T) @ MBU



“Dream Big. Achieve Bigger.”
Dr. M Mohan Babu
 Chancellor, Mohan Babu University

The B.Tech in Electrical and Electronics Engineering with Advanced Specialization in Electric Vehicle (EV) Technology is an advanced four-year undergraduate program meticulously designed to meet the demands of the rapidly evolving electric vehicle industry. This program offers a blend of strong fundamentals in electrical and electronics engineering with specialized knowledge in EV technology, preparing students to excel in one of the most transformative fields of the 21st century. Offered by Mohan Babu University in collaboration with Larsen & Toubro (L&T), a leader in engineering and technology, the course focuses on developing expertise in areas such as EV power systems, electronics, energy management, and charging infrastructure. With this program, students are empowered to shape the future of transportation and energy solutions while contributing to the global push towards sustainability.



PROGRAM HIGHLIGHTS

- **Industry Collaboration:** Program developed with L&T, aligning with current industry needs and emerging technologies.
- **Innovative Curriculum:** Comprehensive study of EV power electronics, motor drives, charging systems, and energy storage solutions.
- **Hands-On Experience:** Exposure to real-world tools like MATLAB/Simulink, PSCAD, and ANSYS for design and simulation.
- **Sustainable Focus:** Strong emphasis on renewable energy integration and sustainable transportation practices.
- **Career Readiness:** Training in EV-specific software and technologies to prepare graduates for a global industry.

WHY CHOOSE THIS PROGRAM?

THE MBU ADVANTAGE

1. Core Expertise

- Deep dive into power electronics for EV systems, battery management, and motor drives.
- In-depth understanding of EV charging infrastructure and renewable energy integration.

2. Real-World Application

- Hands-on training in electrical design, simulation, and control of EV systems.
- Develop and analyze energy-efficient systems using advanced simulation software.

3. Promising Careers

- Graduates can pursue careers as Power Electronics Engineers, EV Infrastructure Specialists, Battery Management Engineers, and more in top-tier automotive and energy companies.

PROGRAM OBJECTIVES

- Master the principles of electric and hybrid electric vehicles.
- Analyze EV performance through advanced modeling and simulation tools.
- Design and optimize battery management systems (BMS) and motor drives.
- Develop and test charging systems and infrastructure for EV deployment.
- Learn to apply control strategies for EV architectures, including hybrid and fuel-cell vehicles.
- Utilize cutting-edge tools like MATLAB, PSCAD, and ANSYS to design and simulate EV 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**