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
yugabyteDB
₹44LPA

Putta Reddy
amazon
₹32 LPA

Hakeem Aswath Basha
amazon
₹32 LPA

Raparti G Aamreen
amazon
₹32 LPA

GLOBAL ADVANTAGE @MBU

WISCONSIN UNIVERSITY OF WISCONSIN-MADISON
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 INDIAN UNIVERSITY RATINGS

NBA
Accredited Programs

AICTE CII
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 (Ministry of HRD Initiative)
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

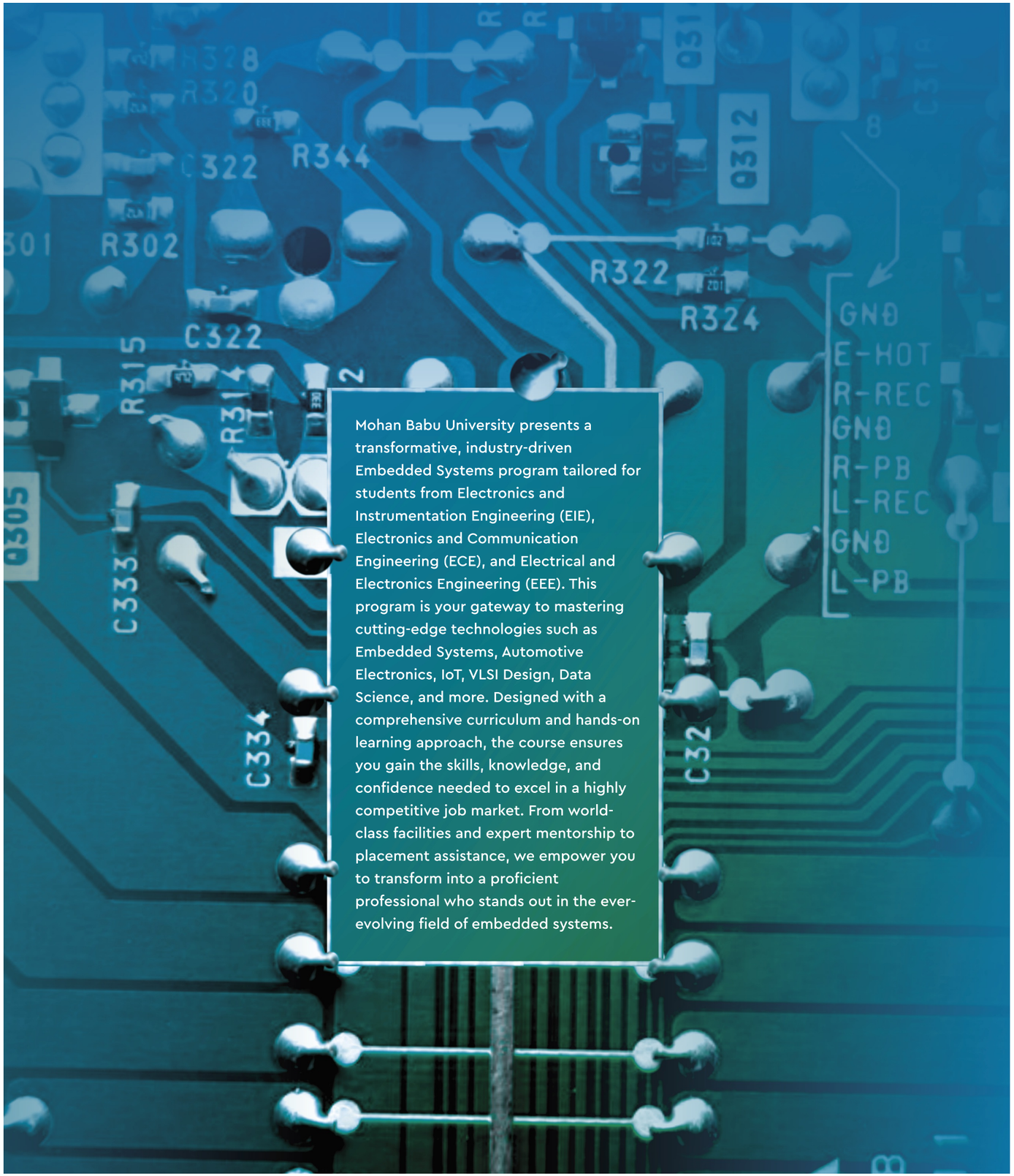
MBU
SCHOOL OF ENGINEERING

B.TECH EIE, ECE, EEE EMBEDDED SYSTEMS WITH JOB ASSISTANCE

EMBARK ON A CAREER IN EMBEDDED SYSTEMS WITH MBU

"Dream Big. Achieve Bigger."

Dr. M Mohan Babu
Chancellor, Mohan Babu University



Mohan Babu University presents a transformative, industry-driven Embedded Systems program tailored for students from Electronics and Instrumentation Engineering (EIE), Electronics and Communication Engineering (ECE), and Electrical and Electronics Engineering (EEE). This program is your gateway to mastering cutting-edge technologies such as Embedded Systems, Automotive Electronics, IoT, VLSI Design, Data Science, and more. Designed with a comprehensive curriculum and hands-on learning approach, the course ensures you gain the skills, knowledge, and confidence needed to excel in a highly competitive job market. From world-class facilities and expert mentorship to placement assistance, we empower you to transform into a proficient professional who stands out in the ever-evolving field of embedded systems.

PROGRAM HIGHLIGHTS

- Comprehensive Curriculum: Learn core technical skills in Embedded Systems, VLSI Design, IoT, and more, along with practical training to ensure you are industry-ready.
- Industry Exposure: Partnerships with top companies provide guest lectures, workshops, and networking opportunities.
- Cutting-Edge Tools: Experience real-world environments with tools and platforms widely used in the industry.

WHY CHOOSE THIS COURSE?

THE MBU ADVANTAGE

- Academic to Industry Program: Learn the principles and practices of Embedded Systems from both theoretical and real-world perspectives.
- Continuous Evaluation Program for Placement Readiness: Regular assessments and projects to ensure students are prepared for industry roles.
- Training for English Proficiency: Comprehensive language support to help students communicate effectively in global teams.
- Hands-on Learning: Gain real-world experience through projects and practical exposure, ensuring your knowledge aligns with the latest industry trends.
- Soft Skills Training: Enhance your resume, master interview techniques, and develop communication skills to stand out in today's competitive job market.
- Expert Guidance: Receive personalized career counseling and mentorship throughout your learning journey.

WHAT YOU'LL LEARN

1. **Generic Modules**
   - Programming in C (MISRA C Standards)
   - Data Structures and Algorithms
   - Object-Oriented Programming with C++
   - Linux System Programming and Socket Fundamentals
2. **Embedded Specialization**
   - ARM7 & Cortex M3 Programming
   - Embedded C with STM32F446 (Cortex M3 MCU)
   - RTOS Hands-On with FreeRTOS by Amazon
   - Linux Device Drivers & Porting (BeagleBone Black)
3. **Automotive Specialization**
   - Communication Protocols: UART, SPI, I2C
   - AUTOSAR Design with CAN and LIN Protocols
   - Model-Based Design using MATLAB & Simulink

TRAINING PLATFORMS

- **Ubuntu Linux OS with GCC Compiler**
- **LPC2129 & Keil Microvision IDE**
- **STM32F446 with Cube IDE**

PROJECTS

1. **Embedded Systems Projects**
   Integrate peripherals (ADC, Timers, GPIOs) with communication protocols like UART and SPI.
2. **Automotive Projects**
   Design CAN-based systems with ECUs like temperature monitoring, seatbelt alarms, or fuel sensors.
3. **RTOS Projects**
   Build solutions using tasks, semaphores, queues, and ISR mechanisms.

INSTITUTIONAL PLACEMENTS

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

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

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

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