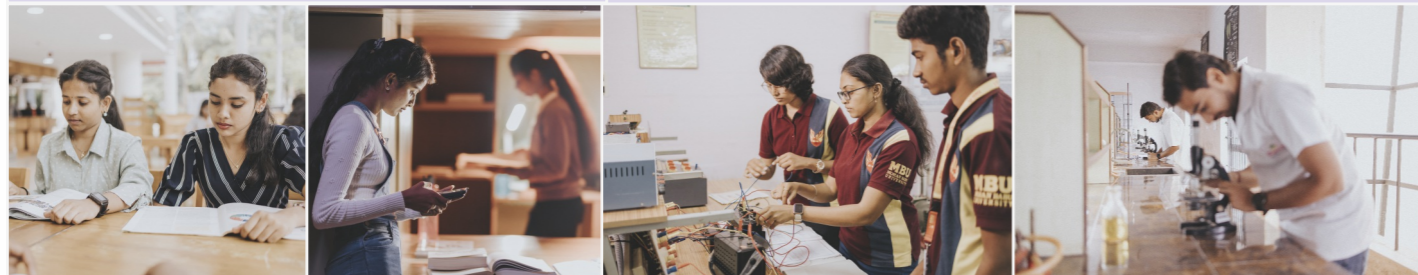## DREAM JOBS BEGIN @MBU

Sumanaswini
Google
₹60LPA

Harshavika
Google
₹60LPA

Vatsalya Polineni
Google
₹60LPA

Lakshmi Prasanna
amazon
₹45LPA

Pavitra Reddy
yugabyteDB
₹44LPA

Putta Reddy
amazon
₹32LPA

Hakeem Aswath Basha
amazon
₹32LPA

Raparti G Aamreen
amazon
₹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

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
ACCREDITED WITH GRADE

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

N NANOCHIP SOLUTIONS
ACADEMIC COLLABORATION PARTNER

MBU
SCHOOL OF ENGINEERING
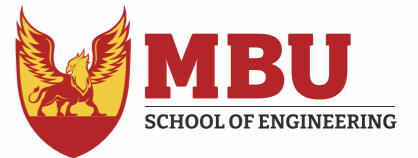
Empowering Future Innovators with a B.TECH – ECE
with specialization in Embedded Systems/IoT & VLSI in academic collaboration with Nanochip Solutions

AI
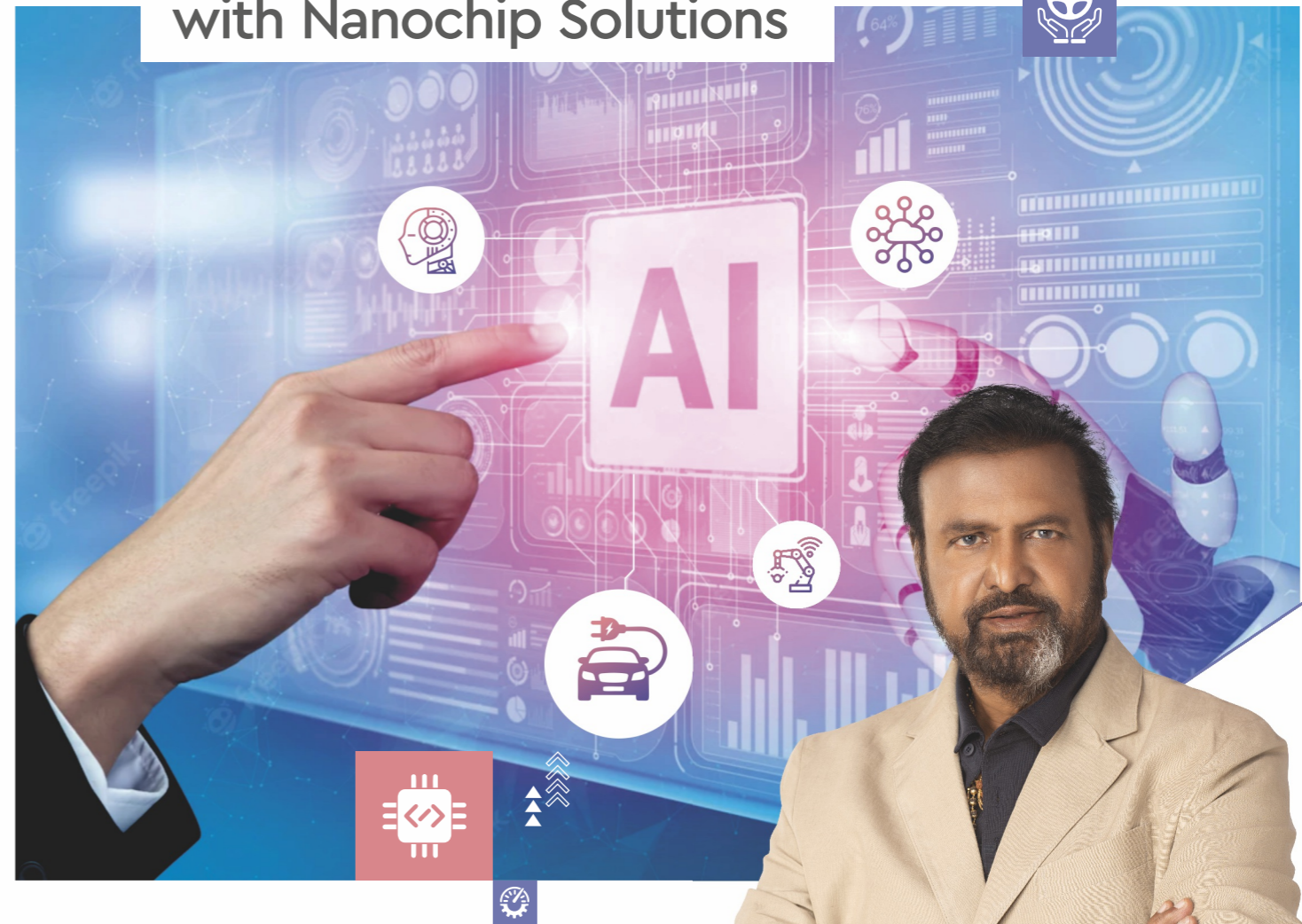
"Dream Big. Achieve Bigger."
Dr. M Mohan Babu
Chancellor, Mohan Babu University

The B.Tech – ECE with specialization in Embedded Systems/IoT & VLSI at Mohan Babu University, offered in academic collaboration with Nanochip Solutions, is a transformative program designed to produce industry-ready engineers. This program blends cutting-edge theoretical knowledge with hands-on practical skills, ensuring a comprehensive learning experience in the field of electronics and communication.

Through its collaboration with Nanochip Solutions, the program provides exposure to industry practices, state-of-the-art technologies, and real-world challenges. Students benefit from hands-on training, industry projects, and expert insights that prepare them for the rapidly evolving technological landscape.

Specializations in Embedded Systems, Internet of Things (IoT), and VLSI enable students to develop expertise in transformative technologies that are shaping the future. The program fosters innovation, problem-solving, and a strong foundation in critical domains, making graduates highly sought after in both academia and industry.

PROGRAM HIGHLIGHTS

1. **Core Learning Modules**
   - Fundamentals of Electronics and Communication
   - Digital Signal Processing
   - Microprocessors and Microcontrollers
   - Analog & Digital Communication
2. **Specialization Tracks**

Embedded Systems
   - Real-Time Operating Systems
   - Embedded C Programming
   - Design of Embedded Systems
   - Applications in Robotics and Automotive Electronics

Internet of Things (IoT)
   - IoT Architecture and Protocols
   - Sensor Networks
   - Cloud Integration and Edge Computing
   - Smart Home and Industrial IoT Applications

VLSI Design
   - Digital System Design
   - ASIC and FPGA Implementation
   - Low-Power VLSI Design
   - Semiconductor Fabrication Techniques
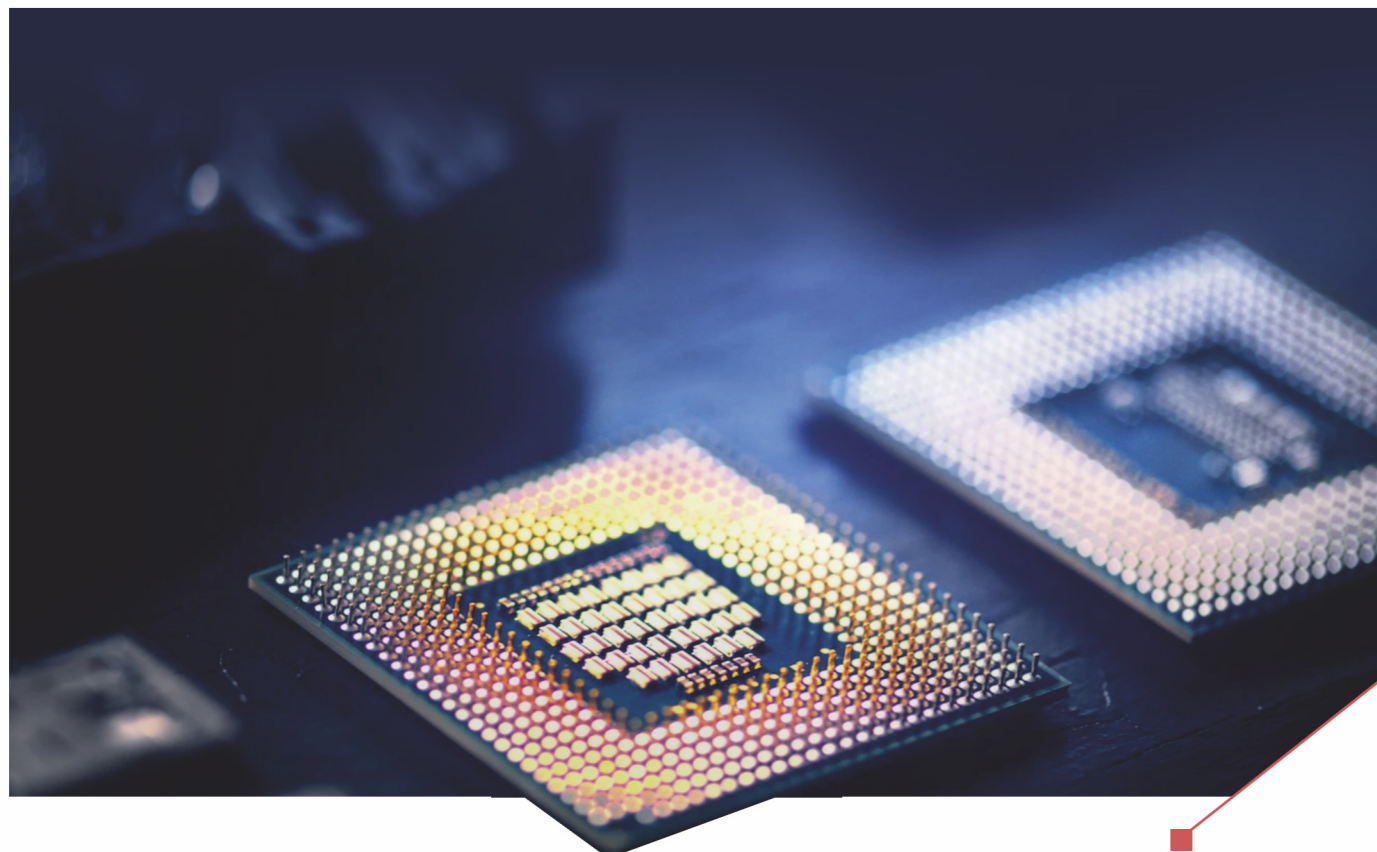
OUR TEACHING METHODOLOGY

We follow a unique LAB (Learn-Apply-Build) pedagogy, emphasizing:
- Practical application of theoretical concepts through thoughtfully designed lab exercises.
- Confidence-building by solving real-world challenges.
- A 40:60 ratio of theory to practical learning for holistic education.

STATE-OF-THE-ART FACILITIES

- Advanced Electronics Labs with FPGA Boards and Development Kits
- IoT Innovation Hub for Prototyping Smart Solutions
- VLSI Design Centre with Industry-Standard EDA Tools
- 24/7 High-Speed Internet Connectivity for Research

WHY CHOOSE THIS PROGRAM

- **Academic to Industry Program with a Focus on Cloud Architecture:** 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.
- **Tailored for Industry Needs:** The curriculum and training are designed to align with the latest trends and requirements in Mechanical and Digital Manufacturing fields.
- **Practical Skill Development:** Hands-on experience with state-of-the-art technology ensures you are industry-ready.
- **Learning from the Best:** Training by L&T experts and access to premium resources provide unparalleled insights into the field.
- **Career Advancement:** Internship opportunities, on-job training, and exposure to industry leaders enhance your professional profile.
- **Strong Industry Connections:** Benefit from the association with L&T, including site visits and mentorship from top technocrats.
- **Comprehensive Skill Set:** Gain a mix of technical, problem-solving, and real-world application skills to excel in your career.

CAREER OPPORTUNITIES

Graduates can explore diverse career paths in sectors such as:
- Embedded Systems: Embedded Design Engineer, Firmware Developer
- IoT: IoT System Architect, Sensor Integration Specialist
- VLSI: VLSI Design Engineer, ASIC/FPGA Developer
- Other Opportunities: Telecom Engineer, Research Analyst, Project Manager
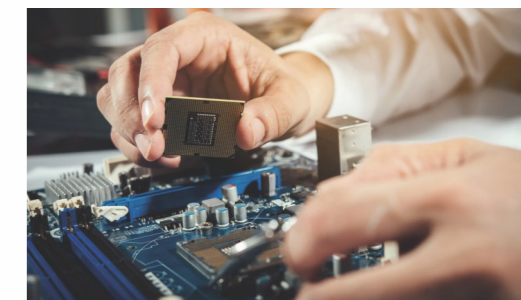
INSTITUTIONAL PLACEMENTS

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