



# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## M.Tech VLSI Design & Embedded Systems



### About M.Tech VLSI Design & Embedded Systems:

A rapidly changing IC and embedded system design industry has resulted in a surge in the demand for VLSI and embedded system engineers. M.Tech in VLSI Design and Embedded Systems program focuses on developing the essential technical skills in both VLSI and Embedded domains in order to meet the need for industrial and academic research.

### Course Structure:

This M.Tech course covers all the essential aspects of chip and embedded system design. Students will develop VLSI circuits for embedded systems using modern tools and cutting-edge technologies, as part of this course.

### Eligibility:

The eligibility criteria for admission into M.Tech program are as per the guidelines of Andhra Pradesh State Council of Higher Education (APSCHE).

**FEE: Rs. 70, 000/- Per Year**

### Career Opportunities:

M.Tech graduates in the VLSI and embedded systems fields are highly in demand and have tremendous career opportunities in a variety of public and private sectors.

- ✓ Digital Design Engineer
- ✓ Analog Design Engineer
- ✓ RTL Design & FPGA Engineer
- ✓ Physical/ Layout Design Engineer
- ✓ Product Development Engineer
- ✓ Verification/Test Engineer
- ✓ CAD Engineer
- ✓ Embedded / IOT Engineer
- ✓ AI/ML Engineer
- ✓ Embedded Application Engineer

### Highlights:

Placement Assurance at MNCs such as



- ✓ Internship with stipend and placement
- ✓ Extensive exposure to modern tools like Cadence, XilinxVivado, COMSOL, RTOS and Keil.
- ✓ Industry offered elective courses

### Department Highlights:

- ✓ NBA Accreditation 5 times with OBE
- ✓ 40% of faculty with Ph.D
- ✓ Faculty with Ph.D from prominent IITs and NITs in various VLSI and Embedded specializations.
- ✓ Recognized as Research Centre by JNTUK
- ✓ Research Projects worth of Rs. 3.34 Crores in last 10 yrs with AICTE/ UGC/ NRSC-ISRO, DRDO and other Industries.
- ✓ 17 Functional MoUs
- ✓ Incubation Centre and 4 Start ups
- ✓ Board of Research In Nuclear Sciences (BRNS) sanctioned RESEARCH GRANT worth of Rs.28.0 Lakhs
- ✓ Consultancy worth of Rs.10.95 Lakhs (Till date)
- ✓ Our faculty start-up NPHSAT Systems Pvt. Ltd won Rs. 15.0 Lakhs SEED GRANT from MSME, Govt. of India
- ✓ Smart Classroom
- ✓ All Student Project works published in reputed Conferences and Journals.

**For More Details Please Contact:**

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# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## M.Tech VLSI Design & Embedded Systems Placements



**Ms. SK LATHIFA NIHAL**  
198W1D7711  
Intel Technology Pvt. Ltd-12LPA



**Ms. S SRILAKSHMI**  
208W1D7708  
STELLANTIS-7.1LPA



**Mr. M SAIKRISHNA**  
198W1D7708  
TCS-3.5LPA



**Ms. K.Chinmayi**  
218W1D7702  
SoCtronics- 9 LPA



**Ms. K. Sri Sai Phani Bala**  
218W1D7703  
SoCtronics- 9 LPA



**Ms. Nishmika P**  
218W1D7708  
SoCtronics- 9 LPA



**Mr. RAKESH T**  
208W1D7709  
TCS - 3.96 LPA



**Ms. J Kavya Sri**  
208W1D7703  
Knot Solutions Pvt Ltd-3.51 LPA



**Ms.K MALLIKA**  
198W1D7706  
QSPIDERS-3LPA



**Mr. R S NAGESWARA RAO**  
198W1D7709  
DRDO - 3LPA



**Mr. M UDAYKUMAR**  
208W1D7704  
DEFT SEMICONDUCTORS-3LPA



**Mr. S THARUN**  
198W1D7710  
DEFT SEMICONDUCTORS-3LPA



**Ms. M VEDA KAVANA**  
208W1D7705  
DEFT SEMICONDUCTORS-3LPA



**Ms.CH. V N L MOUNIKA**  
198W1D7705  
QSPIDERS-3LPA