

M.Tech in VLSI and Embedded Systems

Department of Electronics and Communication Engineering started its first PG program in VLSI and Embedded Systems in 2009 with a sanctioned strength of 18 students per batch and enhanced the number of seats to 24 in 2013. This program covers the aspects of Integrated Circuit (IC) Design of various electronic circuits, Technology of Very Large Scale Integrated (VLSI) Circuits, different types of FPGAs and programmable arrays and design and development of Embedded systems. The program will give focus on developing hands-on skill of designing microelectronic devices and circuits, architecting systems using embedded components such as, microprocessors/microcontrollers, memory and peripherals. Students will be trained in modern systems and industry standard development tools in both VLSI and Embedded domains. Since microelectronics and embedded system are frontier areas of electronics engineering, the course curriculum is structured in a manner to cover the state-of-the-art technology. Students will be given ample opportunities to do their internships in leading industries, R&D organizations and prestigious foreign universities. Placement statistics of the previous years is a testimony of the relevance of this program.