

M.Tech. programme in Embedded Systems Design

M.Tech. programme in Embedded Systems Design is a two-year fulltime programme. In this course, students will learn chip level programming, embedded application development, protocol level development, OS related programming, middleware, etc. The eligibility criteria for this programme is graduation in the field of Engineering. After pursuing the course, one can become embedded system designer, embedded software developer, or hardware developer.

The course also offers strong foundations in Embedded Systems Design by covering thrust areas such as Advanced Embedded Microcontrollers, Real-Time Embedded Systems, Advanced Embedded System Design, and System on Chip. Students also have access to industry collaborative laboratories set up by Texas Instruments. The department has dedicated laboratories equipped with Electronics Design Automation (EDA) tools such as (i) Cadence (ii) Model-Sim (iii) RTOS tool.

Areas of Research: The students will get an opportunity to participate in projects related to, but not limited to – Design of Real-time Embedded systems and Large Area Flexible Electronics.

The students are doing the internship programme at BEL, ISRO, Orange Semiconductors, BHEL, Global Research, Innovations, and Electrono Solutions.