

M.TECH > Electronics & Communication Engineering



Duration : 2 year

Eligibility:

- Bachelor's Degree or equivalent in the relevant field.
- Obtained at least 50% marks (47.75% in case of candidates belonging to reserved category) at the qualifying examination.

The Electronics & Communication Engineering involves the transmission of information across channels such as a coax cable, optical fiber or free space. You can work on designing equipment such as routers, switches, multiplexers and electronic switching systems, copper telephone facilities and fiber optics.

Some of the salient features of our M.Tech (ECE) Program:

- Curriculum abreast with latest engineering and technology developments
- All detailed Syllabi are designed in line with the best available schemes and compared with IITs, NITs, UGC/AICTE norms and other leading Universities.
- Syllabus revised/updated regularly considering feedbacks from MNCs, industrial experts, academicians from IITs, other reputed institutions
- High practical content with State-of-art labs in every subject
- Conducive environment and best infrastructure for learning
- MOUs and alliances with top end companies and universities and arrangements for supplementary Guest Lectures
- Value added Specialized and flexible courses for students to develop their communication and soft skills as well as gain command in the industry preferred areas of technologys, conducted by outside expert agencies.
- Industrial oriented program with projects, dissertations and training in industry
- Laboratory teaching training to give exposure to teaching

M.Tech in Electronics & Communication Engineering Information and Requirements

Several private firms are rising in the electronics field due to the huge popularity and usage of electronics equipments. These firms need capable professionals for developing and marketing their products as the electronic market is very competitive. Thus these firms can provide lots of job opportunities for the M.Tech graduates in Electronic and Communication.

Job Description

Electronics engineers are involved in designing, creating, developing, testing and supervising an extensive variety of technology ranging from broadcasting & telecommunication systems like televisions, computers, telephones and radios to various machinery and equipment like tracking devices, video cameras, electric motors, and power generators.

The field of electronics covers a wide range of applications and devices which make our life easier and enjoyable by helping to collect, distribute, control & transmit information. They assist us to see, hear and communicate over long distances within seconds.



Career Prospects:

Earnings

2.5 Lakhs to 30 Lakhs per annum

(Salary data sourced from PayScale.com)

Earnings Details

Different government sector organizations recruit M.Tech graduates in

electronics and communication for various vacancies such as junior engineer, assistant engineer, sub-divisional engineer, superintendent engineer, assistant executive engineer, executive engineer or chief engineer in these organizations.

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Popular Career Options

Master's-level electrical engineering graduates are highly qualified for many positions in the field, especially in the research, development and testing areas of electrical control systems. Possible alternate roles, along with the customary titles of engineering technologist and electrical and development engineer, are:

- Automotive research engineer
- Senior project engineer
- Automation project engineer
- Director of new product management
- Sales engineer
- Senior electronics engineer.....



Major Recruiting Companies

- Bharat Electronics Limited (BEL)
- Electronics Corporation of India Limited (ECIL)
- Bharat Sanchar Nigam Limited (BSNL)
- Bharat Heavy Electricals Limited (BHEL)
- Indian Space Research Organization (ISRO)
- LG Electronics India Private Limited
- Siemens Limited
- Samsung India Electronics Private Limited
- Cognizant Technology Solutions
- Idea Cellular Limited
- Tech Mahindra Limited
- Sony India Limited..... many more...