

Opportunities after a Diploma in Electronics and Communication Engineering

Electronics & Communication Engineering NSQF Level – 3 pass out students are expected to recall and demonstrate practical routine and repetitive skills, in narrow range of related applications. They should have the basic knowledge of principles of DC and AC fundamental, ac circuits, batteries, electromagnetic induction, voltage and current sources etc. They should demonstrate general manual and machining skills along with awareness of dignity of labor, safety at work place, team working and right attitude. They should have good knowledge of physical principles and analysis in various technical fields.

They are expected to handle wide variety of instruments while testing, trouble shooting, calibration etc. along with the knowledge of working principles and operation of different instruments. They should be able to design basic Electronic circuits on Printed Circuit Board using software. They are expected to show their capability to design their own projects on PCB as per industrial requirement.

They will have scope wage employment in organizations like Radar and Wireless, Railways, Defense Services, Para-military Forces, Civil Aviation, Defense Organizations, Electricity Boards and Corporations etc., manufacturing industries like wireless mobile equipment, PCB Design and Fabrication, Consumer Electronics, Electronic Components and Devices Manufacturing and Installation, Computer Assembling and Computer Peripheral, Computer Software Areas for Electronic Design and Semi-Conductor Manufacturing, Instrumentation and Control, Internet Server Providers, D.T.H component and Fabrication, Mobile Phone assembly, Medical Electronics, EPBX/ Telephone Exchange Manufacturing.

They will also have scope in establishing small startups in the area of Marketing and Sales, Repair and Maintenance, Cable laying and jointing DBs, Preparing Simulated Models, manufacturing Unit like LED Bulb manufacturing, chalk manufacturing, circuit manufacturing units etc.

Electronics and Communication Engineering is a full-time, 3-year course that is among the most famous Diploma courses at the moment. It helps students get jobs in core areas like mobile technologies, wireless communications, etc as well as in biomedical engineering, biotechnology and nanotechnology. .

Private sector jobs

Once you complete this program, you can find many private sector opportunities, in case you have proper skills. When you hold Diploma in Electronics and Communication Engineering, you can get employment in different fields, such as electronics, IT, power, telecom, utilities, transport, automotive, construction industries, manufacturing etc. You can find work in famous private companies like TCS, TISCO, Wipro, Honeywell and LSI Logic etc.

Government sector jobs

After the program completion, you can try to bag government jobs, as these come with social prestige, more remuneration, job security, stability in career and lots of other extra facilities. A few of the eminent government recruiters include SAIL, NTRO, NTPC, DRDO, DMRC, SSC, BSNL and Railways.

Computer courses

There are lots of opportunities in IT sector for people who hold a diploma in Electronics and Communication Engineering. Network Administration, Computer hardware, Programming language you can have a fantastic career.

Higher Studies

With a diploma program, it can be easier to have a broader perspective and be able to go for higher studies. You can do a Graduation, post-graduation, and go for further Ph.D. It can be easier for you to be a researcher and start working in Engineering Institute as a faculty member.

Job oriented professional courses

These are significant as well, and are extremely practical – as you can get a job directly after the course completion. With such courses, you can give your resume a boost and raise your chances of bagging the kind of job that you wish to have.

Open up your own business

Becoming self-employed is another option to consider, and while it can be challenging, you can be your own boss and have unlimited income potential.