

Electronics and Communication Engineering (ECE) has been recognized as one of the most popular engineering branches. The students can have careers in industries like consumer electronics manufacturing, Automotive, Telecommunication & IT, Health care equipment manufacturing, Mobile communication (2G, 3G, and 4G), Internet technologies, etc. With the emergence of India as a hub, in the area of Electronic System Design and Manufacturing (ESDM), as manifested in the announcement of National Policy on Electronics (NPE-2019), the employability and career opportunities for an Electronics and Communication Engineer would show a multifold upsurge. The opportunities shall be offered in various home-grown sectors related directly or indirectly to the IECT. The target envisaged under NPE-2019 is to generate a turnover of 400 billion dollars and provide employment for 10 million trained people. Evidently, students pursuing Electronics and Communication Engineering have a lot of scope in start-ups and established industries like:

| <u>Start-ups:</u> | <u>Established Industries:</u> |
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| <ul style="list-style-type: none"> • 5G • IOT/Sensors • Artificial Intelligence • Machine learning • Virtual Reality • Additive manufacturing • Photonics • Fabless Chip Design Industry | <ul style="list-style-type: none"> • Consumer electronics manufacturing industry. • Telecommunication & IT industries • Medical Electronics. • Mobile communication. • Power Electronics • Photovoltaic Industry |

Graduates in Electronics Engineering also have lots of opportunities in Government and private companies in the areas of design, manufacture, instrumentation and control, installation, operation, and maintenance of electronics and control equipment.