

# Electrical Engineering

An electrical engineer is responsible for designing and developing new electrical systems, test equipment and finds solutions to electrical problems and devices. Electrical engineers usually work with large-scale electrical systems which include motor control and power transmission.

## Types of Job Roles Electrical Engineer

- **Micro Electrical Engineer:** They deal with the design and microfabrication of tiny electronic circuit components.
- **Electrical Engineer:** The electrical engineer work in function of the variety of functional groups that are involved in the production, development, and implementation of electrical production.
- **Power Engineer:** The power engineer are responsible for the design of electrical designers such as transformers, power electronics, generators, motors etc.
- **Instrumentation Engineer:** They deal with the design of measuring devices for pressure, temperature, and flow.
- **Telecommunications Engineer:** Telecommunications engineer deal with the transmission of information through the optical fiber or via cable
- **Electrical Design Engineer:** Electrical design engineer design a new electrical system for various applications. They are mainly responsible for developing system specifications and layouts.

## Top Recruiting Companies for Electrical Engineer

Some of the leading companies where electrical engineers can look for relevant job opportunities are listed below:

- Reliance Power
- Siemens Technology Services
- RITES
- International Business Machines Corporation (IBM)
- Google
- Apple
- General Electric
- BMW Group
- Lockheed Martin Corporation
- The Boeing Company
- Shell Oil Company

# Electronics Engineering

## About Electronics Engineer

Electronics engineering is one type of engineering which is growing rapidly and has enormous career options. It is a form of engineering associated with electronic circuits, devices and the equipment and systems that use them. The field of electronic engineering is so vast that includes a variety more specific electronic engineering fields that include digital electronics, analogue electronics, consumer electronics, embedded systems and power electronics.

## Types of Job Roles Electronics Engineer

- Biomedical Engineers
- Aerospace Engineers
- Computer Hardware Engineers
- Electrical and Electronics Engineering Technicians
- Engineering Managers
- Electricians
- Electro-mechanical Technicians
- Electrical and Electronics Installers and Repairers
- Sales Engineers
- Network and Computer Systems Administrators

## Top Recruiting Companies for Electronics Engineers

- Bajaj Electricals Ltd
- Siemens
- Alstom Corporate
- Bharat Heavy Electrical Ltd.
- Wipro Lighting Corporate
- Schneider Electric
- Havells India Limited
- ABB India Limited
- EMCO limited
- KIRLOSKAR Electric Company Limited
- Ace Bimetalliks India Pvt. Ltd.
- Balar Marketing Pvt. Ltd
- E S Electronics (India) Pvt. Ltd
- Crompton Greaves