

FUTURE AS ELECTRICAL ENGINEERS!!!

There is a great demand for electrical engineers in every field. Electrical and Electronics engineers are highly employable, as their training is not limited to a specific profession but encompasses a branch of science and is the most interesting branch of engineering. Electrical engineers may work on diverse fields such as Design of household appliances, Electrical System Design for Building Construction, Electric Vehicles/Cars, Railways, Airports, Robotics, Aerospace, Sophisticated medical equipments in hospitals, Electric power generating installations, Electricity Transmission And Distribution etc. Job opportunities are ample in both private and public/government sectors.

CAREER IN GOVT./ PUBLIC SECTOR	CAREER IN PRIVATE SECTOR	CAREER IN KERALA
Power Grid Corporation of India Limited	ALSTOM India	Kerala State Electricity Board Limited
Bharat Heavy Electricals Limited (BHEL)	ABB	Transformers and Electricals Kerala Ltd.
National Thermal Power Corporation Limited (NTPC)	General Electric (GE)	Teaching at Technical Education Department (Govt. Engg. Colleges)
Hindustan Aeronautics Limited (HAL)	Schneider Electric	Electrical Inspectorate
Defence Research and Development Organization (DRDO)	Larsen & Toubro Limited	Teaching at Govt. Aided Engineering colleges, Govt. Polytechnics etc.
Indian Space Research Organization (ISRO)	Crompton Greaves Power and Industrial Solutions Ltd	Centre for Development of Advanced Computing (C-DAC)
National Hydroelectric Power Corporation		
Oil and Natural Gas Corporation (ONGC)	Crompton Greaves Consumer Electrical	Vikram Sarabhai Space Centre ISRO
Indian Oil Corporation Ltd (IOCL)	Bajaj Electricals Ltd (BEL)	Kerala Public Works Department
Bharat Petroleum Corporation Limited	Siemens	Kerala Water Authority
Hindustan Petroleum Corporation Limited	Jindal Steel & Power	Harbour Engineering Department
Indian Railways - RRB	Tata Steel	Irrigation Department
Gas Authority of India Limited (GAIL)	Tata Motors	KELTRON
Steel Authority of India Limited (SAIL)	Tata Refractories Limited	Energy Management Centre-Kerala
Air India	HBL Power Systems Limited	United Electrical Industries Limited
Defence Services	Reliance Power	Traco Cable Company Limited
National Aluminum Company Limited (NALCO)	Micron Electricals	Sree Chitra Tirunal Institute for Medical Sciences and Technology
Bharat Dynamics Limited	Halonix	IOT, AI based jobs
Airports Authority of India	Wipro Lighting	ANERT
National Mineral Development Corporation	In addition to the core electrical companies, companies such as Apple, IBM, Google, Samsung, Microsoft, Sony Corporation, Toshiba, HCL technologies, Tata Consultancy Services (TCS), INFOSYS, WIPRO, CTS, IBM, Oracle, Intel, Bosch, Ericsson, HP etc. also recruit a large number of Electrical Engineers.	Electrical Engineering graduates also have numerous opportunities in the private firms or institutes also like different Core Companies, various IT firms in Technopark, Smart City, Technocity, Cyberpark etc. in Kerala.
Engineers India Ltd (EIL)		
National Fertilizers Limited (NFL)		
Container Corporation of India Ltd.		
Bharat Electronics Limited (BEL)		
Centre for Development of Advanced Computing (CDAC)		
Council of Scientific & Industrial Research (CSIR)		
Central Power Research Institute (CPRI)		

CAREER IN TEACHING OR RESEARCH

Electrical engineers can opt for the teaching field or for research and development. Teaching career is rewarding, with the top engineering colleges offering very attractive remuneration packages. Also, lots of research works are going on in India and abroad for many areas related to electrical engineering. CSIR, CPRI, IGCAR, DRDO, ISRO are some government bodies that provide you opportunities for research in the field. ABB, GE India, Tata, Robert and Bosch are MNCs who have emerging R&Ds in India that offer you the same.

JOBS FOR ELECTRICAL ENGINEERS ABROAD

There are numerous employment opportunities for electrical engineers abroad. This is because of the presence of various design, manufacturing and construction firms, power generation units etc. outside India. Electrical Design Engineers also can try their luck in multidisciplinary engineering consultancies.

ELECTRICAL ENGINEERING CONSULTANCY

Electricity is an integral part of life. An Electrical Engineering Consultant works in creating designs and drawings, electrifies buildings, installations and systems. He works as a coordinator and administrator for the electrical workers, recognizes technical problems and analyzes them. Engineering services may include Lighting and controls, Power distribution, Energy efficiency and sustainability design, Energy conservation studies etc.

OTHER ARENAS FOR ELECTRICAL ENGINEERS

Being an electrical engineer one need not compulsorily stick to core electrical. There are a large number of interdisciplinary research and projects requiring competent electrical engineers. A Graduate in EEE can go for diverse fields whether it is PSU Jobs, Construction, Automobiles, Steel, IT Industry, Consultancy, Mobile networking, Finance, Management, Hardware, Electronics Design, Business Development etc.

HIGHER STUDIES AFTER ELECTRICAL ENGINEERING

For those who are not interested in doing job just after graduation, there are options for higher studies such as:

- One can opt to pursue M.Tech by qualifying in GATE exam
- To pursue MBA, the aspirant has to qualify CAT or similar exams.
- To pursue an M.S degree abroad, GRE is accepted globally.

THE FUTURE - ELECTRICAL ENGINEERING PROVIDES YOU WITH ENDLESS OPPORTUNITIES...

Renewable Energy Industry is a fast growing industry in the world. The future of Renewable energy sector in India looks quite promising as India is ranked fourth in the world in the renewable energy country attractive index. According to IBEF (India Brand Equity Foundation), the total installed renewable energy capacity in India is around 32.26 per cent of total energy capacity of the country. It is expected that by the year 2040, around 49 per cent of the total electricity will be generated by renewable energy, giving the renewable energy sector the potential to create numerous employment opportunities at all levels. Another fast growing industry is that of Electric vehicles (EVs). They are cleaner and more efficient; plus, over time, more and more electricity will come from renewable sources. The government wants 6 million EVs on Indian roads by 2020 and India wants only electric vehicles to run on its roads by 2030 as part of its commitment to the global agreement on climate change. The lead players in the Automobile industry are making huge investments in electric vehicles. It is estimated that globally, EVs will account for 90% of light vehicle sales by 2050, creating vast job opportunities for electrical engineers in India and abroad. There will never be a fall in scope for Electrical engineering. In today's world and in future, there will never be a phase without electrical engineering. The scope and the opportunities of electrical engineering are abundant and evergreen!