**About Electrical Engineering**

The Diploma in Electrical Engineering program ensures that students advance in their career with the necessary skills and an understanding of every aspect of electricity-based technology. It also explores advanced mathematics, computing, practical engineering skills and industrial applications to groom a student to be ready for employment or higher studies.

The Electrical Engineering department has well qualified faculty, majority of them are with M. Tech degree with specialization in the field of electrical power, control system and microcomputer based instrumentation & control. The department has well qualified team of visiting faculty from academics and industry. They visit to the department at regular interval to deliver expert lectures and discuss recent trends in the field of Electrical Engineering, Power system -generation, transmission and distribution and control etc.

**Programme Aims**

* To equip students with advanced skills and practical knowledge in engineering.
* To produce technocrats who can fill the demand for qualified electrical engineers to support the organizations.
* To provide technocrats who can make valuable contributions in planning, designing, operating, installing, configuring and maintaining electrical systems.

**Laboratory:**

**Laboratory Facilities Available:-**

1. [Elements of Electrical Engg. Lab.](http://www.nitp.ac.in/php/lab_ele3.html)
2. [Electrical M/C Lab](http://www.nitp.ac.in/php/lab_ele3.html)
3. [Power System Protection Lab](http://www.nitp.ac.in/php/ele_dept.php)
4. [Power Electronics Lab](http://www.nitp.ac.in/php/lab_ele3.html)
5. [Computer Lab](http://www.nitp.ac.in/php/lab_ele3.html)
6. [Control System Lab](http://www.nitp.ac.in/php/lab_ele3.html)
7. [Measurement Lab](http://www.nitp.ac.in/php/lab_ele3.html)

**Faculties:**