

### **Programme Educational Objectives (FY)**

- PE01)** Student can communicate in society in English.
- PE02)** Student will deal with new words, grammar to write correct sentences and develops meaningful paragraphs.
- PE03)** Students will know various applications of engineering.
- PE04)** Students will able to know and apply various laws of general science, can measure physical and chemical quantities accurately.  
Students will able to apply the knowledge of chemical and physical properties in engineering.
- PE05)** Students can work out with 3-dimensional views of the objects
- PE06)** Students will able to prepare various office documents
- PE07)** Student will able to use the knowledge of sheet metal working and welding for preparing panels, switch boxes, electrical wiring installations, casing, capping, etc.
- PE08)** Student will able to understand with various coplaner forces, equilibrium conditions for various materials to be applied in various engineering applications.
- PE09)** Students will develop their personality, soft skills, goal achievements & result oriented work.

## **Programme Educational Objectives (SY)**

- PE01)** Students can collect information from different sources and can present seminars on given topic.
- PE02)** Students can compare with various sources of power generation and can select generation technique based on economy.
- PE03)** Students understand the network theory and realize the importance of circuits.
- PE04)** Students can specify the different electronic Devices, components, some applications of electronics and they can state the latest trends of electronics. Students can understand the calibrations of various meters, instruments.
- PE05)** Student can identify & use the various instruments for particular measurements.
- PE06)** Students can draw substation layout as per parameters.
- PE07)** Students understand the importance of the environment, different issues about environment, reasons of the degradation and they can take initiative to restrict the degradation

## **Programme Educational Objectives (TY)**

- PE01)** Understand energy audit of industry or organization and suggest improvement.
- PE02)** Understand the working in various department of industry such as HRD, finance department, logistics etc.
- PE03)** To work on various electric machines such as 3 phase I.M.s, alternators, Transformers, etc.
- PE04)** Face interview.
- PE05)** Work in team and may lead for a team by co-ordinating with others.
- PE06)** Able to understand working of refrigeration AC, IC engines
- PE07)** Test various electrical equipments and find out faults.
- PE08)** Understand and use various power electronic devices such as TRIACs, SCRs, DIACs, choppers, etc.
- PE09)** Understand the concept of traction system, train engines, signalling etc.