

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

MATUNGA, MUMBAI-19

DIPLOMA IN ELECTRICAL ENGINEERING

Program Educational Objectives(PEOs)

PEO1	Face technological challenges in the area of Electrical Engineering
PEO2	Gain expertise, demonstrate and troubleshoot multidisciplinary Electrical system
PEO3	Constantly enhance and upgrade their skills, so as to be competent with the advance technology in the field of generation, Transmission, Distribution and Utilization
PEO4	Use their abilities in professional manner to satisfy the expectations of stakeholders
PEO5	Develop self learning abilities, team spirit and leadership skills.

PROGRAM SPECIFIC OUTCOMES (PSOs)	
PSO 1	Have sufficient knowledge of mathematics, Science and Electrical engineering and be able to apply this knowledge for analysis of Electrical systems
PSO 2	Have the ability to use the techniques, programming skills, modern engineering tools to analyse electrical system.
PSO 3	Develop best standard practices of Electrical and electronics engineering for sustainable development.
PSO 4	Nurture professional engineering knowledge for fulfilling global, environmental, social and cultural responsibilities.

PROGRAM OUTCOMES (PO)	
PO1	Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
PO2	Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3	Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
PO4	Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
PO5	Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
PO6	Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
PO7	Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.