



Yashoda Shikshan Prasarak Mandal's
Yashoda Technical Campus

Approved by AICTE Delhi/ Govt. of Maharashtra
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Faculty of Polytechnic



DEPARTMENT OF ELECTRICAL ENGINEERING

Class: SY
Sem: Even

Academic Year: 2024-25
Subject: Computer Aided Drawing & Simulation(314008)

Program Outcome:

- 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
- PO4:** Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct
- PO5:** Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society.
- PO6:** Project Management: Use engineering management principles individually, as a team member or a leader to manage projects
- PO7:** Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes

- PSO1:** Electrical Equipment: Maintain various types of rotating & Static Electrical Equipment
- PSO2:** Electrical Power System: Maintain different types of electrical power system

Course Outcome:

E314008_a	Comprehend Electrical Drawings
E314008_b	Locate various components of CAD software
E314008_c	Use relevant CAD Tools and Commands for Electrical Drawings.
E314008_d	Draw different Electrical Drawings using CAD software.
E314008_e	Simulate Basic Electrical and Electronic circuits.

CO-PO Mapping

Course Outcome	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PSO1	PSO2
E314323_a	3	1	1	3	2	-	2	2	2
E314323_b	3	-	-	3	-	-	2	2	2
E314323_c	3	-	2	3	1	-	2	2	2
E314323_d	3	1	3	3	1	2	2	2	2
E314323_e	3	1	3	3	1	2	2	2	2
Average of PO	3.00	1.00	2.25	3.00	1.25	2.00	2.00	2.00	2.00
Average of PO Mapping in %	100.00	33.33	75.00	100.00	41.67	66.67	66.67	66.67	66.67

Subject In-charge

Academic Coordinator

HOD
H.O.D.

Electrical Polytechnic
YSPM's YTC, Satara

Vision of Program

To empower the students' abilities of academic, technical and professional competence in the field of Electrical Engineering and to nurture them in the developing areas to help the society.

Mission of Program

- M1:** To provide adequate knowledge in the field of Electrical Engineering to take the real time Challenges with professional skills.
- M2:** To improve continuous learning skills to meet employability objectives.
- M3:** To communicate strong ethical qualities between students for helping the society.

