



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: TY
Sem: Even

Academic Year: 2024-25
Subject: Utilization of Electrical Energy(22626)

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:

E22626_a	Maintain the Functioning of Different Types of Lamps and Fittings
E22626_b	Maintain different Electric Heating and Welding Equipments
E22626_c	Maintain different Electric Drives and Elevators
E22626_d	Use different Electric Traction Systems
E22626_e	Use Equipment for Economic Operation

CO-PO Mapping

Course Outcome	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PSO1	PSO2
E22626_a	3	2	1	1	2	1	-	-	-
E22626_b	3	2	1	1	2	1	-	2	2
E22626_c	3	2	2	1	2	1	-	2	2
E22626_d	3	2	2	1	2	1	-	2	2
E22626_e	3	2	2	1	2	1	-	-	-
Average of PO	3.00	2.00	1.60	1.00	2.00	1.00	-	2.00	2.00
Average of PO Mapping in %	100.00	66.67	53.33	33.33	66.67	33.33	-	66.67	66.67

Subject In-charge

Academic Coordinator

H.O.D.

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.

