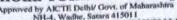


Yashoda Shikshan Prasarak Mandal's

Yashoda Technical Campus







DEPARTMENT OF ELECTRICAL ENGINEERING

Class: SY Sem: ODD

Academic Year: 2024-25 Subject: Electrical Circuit & Netwrk(313332)

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 Spaecific Otcomes

PSO1: Electrical Equipment: Maintain various types of rotating & Static Electrical Equipment

PSO2: Electrical Power System: Maintain different types of electrical power system

Course Outcome:

E313332_a	Analyze the parameters of single-phase AC series circuits.
E313332 b	Analyze the parameters of single-phase AC parallel circuits.
Е313332 с	Analyze the parameters of polyphase AC circuits.
E313332 d	Apply network reduction methods to solve DC circuits.
Е313332 е	Apply network theorems to solve basic electrical 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	3	2	3			3		2
E314323_b	3	3	2	3			3	- 120	2
Е314323_с	3	3	1	3		Angelia.	3		2
E314323_d	3	3	2	2			3		2
Е314323 е	3	3	3	3			3		2
Average of PO	3.00	3.00	2.00	2.80			3.00		2.00
Average of PO Mapping in %	100.00	100.00	66.67	93.33		5.5	100.00		66.67

Boloble Subject In-charge

Academic Coordinator

Electrical Polytechni

Vision of Program

To empower the stude cal and professional competence in the field of Electrical Engineering and to nature them in the

developing areas to help the society Mission of Program

nowledge in the field of Electrical Engineering to take the real time Challenges with professional skills. M1: To provide ade

ous learning skills to meet employability objectives.

thical qualities between students for helping the society.

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