

Department of Electrical Engineering

Activity: "Innovative Teaching Learning Pedagogy"

Date & Day: 23/01/2025

Activity Name: Quiz

Subject : Power System 1

Venue: B201

Activity conducted by: Mr. Digvijay B Kanase

Objectives:

1. Evaluate students' knowledge of the power system structure and different factors affecting generating stations.
2. Assess their ability to analyze tariff-setting principles and consumer categories.
3. Enhance their problem-solving skills through numerical applications of two-part and three-part tariffs

Photographs:

QUIZ POWER SYSTEM 1 UNIT NO 1

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QUIZ POWER SYSTEM 1 UNIT NO 1

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Form description

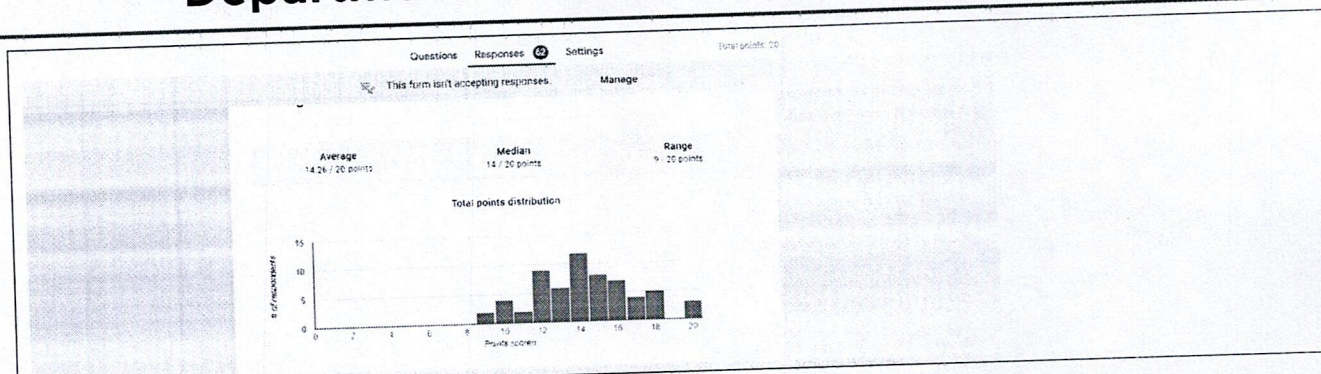
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The Industrial consumer has daily load pattern of 200 KW 0.8 lagging power factor for 12 hours and 1000 KW at UPF for 12 hours. The load factor is

☐ 0.875

☐ 0.75

Department of Electrical Engineering



Outcome:

1. Understand the Structure of Power Systems
2. Analyze Load Factors and Their Impact on Power Systems
3. Evaluate and Apply Tariff Mechanisms
4. Apply Engineering and Analytical Skills

Mapping of Pedagogy with POs and PSOs :

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
3	3													

Mapping of POs and PSOs with Justification:

POs and PSOs Mapped	Justification
PO1	The quiz evaluates students' fundamental understanding of electrical power systems, load factors, and tariff mechanisms, ensuring a strong conceptual foundation.
PO2	Through numerical questions on tariff structures, students apply mathematical and analytical skills to solve real-world power system tariff problems.

D. Ganase
Course Coordinator

Dr. D. Y. Patil
DAC

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