

DRONACHARYA

College of Engineering

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: APS&H

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f. 08.01.2018

Subject with code: EE-101-F

Name of Faculty with designation: Mrs. Sanghamitra V. Arora

Associate Professor

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	08.01.18 Mon	II-ME	A	Introduction to Ohms Law, Series and Parallel Resistance	Assignment of 02 questions
	09.01.18 Tues	II-ME		Study of Kirchoffs voltage law and Numericals		Assignment of 02 questions
	12.01.18 Fri	II-ME		Study of Kirchoffs Current Law and Numericals		Assignment of 02 questions
	15.01.18 Mon	II-ME		Concept of Nodal and Mesh analysis and Numericals		Assignment of 02 questions
	16.01.18 Tues	II-ME		Star / Delta conversion and Numericals		Assignment of 02 questions
	19.01.18 Fri	II-ME		Thevenins Theorem & Numericals		Assignment of 02 questions
	23.01.18 Tues	II-ME		Norton's Theorem and Comparison with Thevenins		Assignment of 02 questions
	29.01.18 Mon	II-ME		Superposition Theorem & Numericals		Assignment of 02 questions
	30.01.18 Tues	II-ME		Millman's Theorem & Numericals		Assignment of 02 questions
	02.02.18 Fri	II-ME		Maximum power Transfer Theorem and Numericals		Assignment of 02 questions
	05.02.18 Mon	II-ME		Rmsvalue ,Average value of AC circuits		Assignment of 02 questions
	06.02.18 Tues	II-ME		-Terminologies & Numericals		Assignment of 02 questions
	09.02.18 Fri	II-ME		Half wave Rectifier, Form Factor , Peak Factor		Assignment of 02 questions

February	19.02.18 Mon	II-ME	B	-Transient analysis of RL , RC& RLC circuit	Assignment of 02 questions
	20.02.18 Tues	II-ME		Series resonance, bandwidth, Q-factor	Assignment of 02 questions
	23.02.18 Fri	II-ME		-Parallel resonance ,bandwidth , Q-Factor	Assignment of 02 questions
	26.02.18 Mon	II-ME		Numericals on resonance Circuit	Assignment of 02 questions
	27.02.18 Tues	II-ME		Introduction to 3 phase circuits,advantages ,disadvantages	Assignment of 02 questions
March	05.03.18 Mon	II-ME	C	-Types of 3 phase connection and Derivations	Assignment of 02 questions
	06.03.18 Tues	II-ME		Two wattmeter method with P.F. effects.	Assignment of 02 questions
	09.03.18 Fri	II-ME		-Numerical on 3 phase systems	Assignment of 02 questions
	12.03.18 Mon	II-ME		Revision on derivations and Phasor diagram	Assignment of 02 questions
	13.03.18 Tues	II-ME		Introduction to Transformer, construction	Assignment of 02 questions
	16.03.18 Fri	II-ME		-Working principle and applications	Assignment of 02 questions
	26.03.18 Mon	II-ME		Working of Ideal Transformer on NO LOAD	Assignment of 02 questions
	27.03.18 Tues	II-ME		-Working of Ideal Transformer on ON LOAD	Assignment of 02 questions
	30.03.18 Fri	II-ME		Working of Practical Transformer and Phasor diagram	Assignment of 02 questions
April	02.04.18 Mon	II-ME	D	-Efficiency & Voltage regulation of transformer	Assignment of 02 questions
	03.04.18 Tues	II-ME		Open Circuit test and Short Circuit test	Assignment of 02 questions
	16.04.18 Fri	II-ME		Introduction to DC Machines -DC. motor and DC. Generator	Assignment of 02 questions
	09.04.18 Mon	II-ME		Synchronous motor's working principle	Assignment of 02 questions
	10.04.18 Tues	II-ME		Essentials and errors of indicating instruments	Assignment of 02 questions
	13.04.18 Fri	II-ME		Moving iron measuring inst.(voltmeter & ammeter)	Assignment of 02 questions
	24.04.18 Tues	II-ME		-Moving coil type instruments	Assignment of 02 questions
	27.04.18 Fri	II-ME		Wattmeter and different types -Energy meter and different types	Assignment of 02 questions