

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	09.01.18 Tues	II-CSE III & CE	A	Introduction to Ohms Law, Series and Parallel Resistance	Assignment of 02 questions
	10.01.18 Wed	II-CSE III & CE		Study of Kirchoffs voltage law and Numericals		Assignment of 02 questions
	12.01.18 Fri	II-CSE III & CE		Study of Kirchoffs Current Law and Numericals		Assignment of 02 questions
	16.01.18 Tues	II-CSE III & CE		Concept of Nodal and Mesh analysis and Numericals		Assignment of 02 questions
	17.01.18 Wed	II-CSE III & CE		Star / Delta conversion and Numericals		Assignment of 02 questions
	19.01.18 Fri	II-CSE III & CE		Thevenins Theorem & Numericals		Assignment of 02 questions
	23.01.18 Tues	II-CSE III & CE		Norton's Theorem and Comparison with Thevenins		Assignment of 02 questions
	24.01.18 Wed	II-CSE III & CE		Superposition Theorem & Numericals		Assignment of 02 questions
	30.01.18 Tues	II-CSE III & CE		Millman's Theorem & Numericals		Assignment of 02 questions
	31.01.18 Wed	II-CSE III & CE		Maximum power Transfer Theorem and Numericals		Assignment of 02 questions
February	02.02.18 Fri	II-CSE III & CE	B	Rmsvalue ,Average value of AC circuits		Assignment of 02 questions
	06.02.18 Tues	II-CSE III & CE		-Terminologies & Numericals		Assignment of 02 questions
	07.02.18 Wed	II-CSE III & CE		Half wave Rectifier, Form Factor , Peak Factor		Assignment of 02 questions
	09.02.18 Fri	II-CSE III & CE		-Transient analysis of RL , RC& RLC circuit		Assignment of 02 questions

	20.02.18 Tues	II-CSE III & CE		Series resonance, bandwidth, Q-factor		Assignment of 02 questions
	21.02.18 Wed	II-CSE III & CE		-Parallel resonance ,banwidth , Q-Factor		Assignment of 02 questions
	23.02.18 Fri	II-CSE III & CE		Numericals on resonance Circuit		Assignment of 02 questions
	28.02.18 Wed	II-CSE III & CE		Introduction to 3 phase circuits,advantages ,disadvantages		Assignment of 02 questions
March	06.03.18 Tues	II-CSE III & CE	C	-Types of 3 phase connection and Derivations		Assignment of 02 questions
	07.03.18 Wed	II-CSE III & CE		Two wattmeter method with P.F. effects.		Assignment of 02 questions
	09.03.18 Fri	II-CSE III & CE		-Numerical on 3 phase systems		Assignment of 02 questions
	13.03.18 Tues	II-CSE III & CE		Revision on derivations and Phasor diagram		Assignment of 02 questions
	14.03.18 Wed	II-CSE III & CE		Introduction to Transformer, construction		Assignment of 02 questions
	16.03.18 Fri	II-CSE III & CE		-Working principle and applications		Assignment of 02 questions
	27.03.18 Tues	II-CSE III & CE		Working of Ideal Transformer on NO LOAD		Assignment of 02 questions
	28.03.18 Wed	II-CSE III & CE		-Working of Ideal Transformer on ON LOAD		Assignment of 02 questions
	30.03.18 Fri	II-CSE III & CE		Working of Practical Transformer and Phasor diagram		Assignment of 02 questions
April	03.04.18 Tues	II-CSE III & CE		-Efficiency & Voltage regulation of transformer		Assignment of 02 questions
	04.04.18 Wed	II-CSE III & CE		Open Circuit test and Short Circuit test		Assignment of 02 questions
	06.04.18 Fri	II-CSE III & CE	D	Introduction to DC Machines- DC. motor and DC. Generator		Assignment of 02 questions
	10.04.18 Tues	II-CSE III & CE		Synchronous motor's working principle		Assignment of 02 questions
	11.04.18 Wed	II-CSE III & CE		Essentials and errors of indicating instruments		Assignment of 02 questions
	13.04.18 Fri	II-CSE III & CE		Moving iron measuring inst.(voltmeter & ammeter)		Assignment of 02 questions
	24.04.18 Tues	II-CSE III & CE		-Moving coil type instruments		Assignment of 02 questions
	26.04.18 Thurs	II-CSE III & CE		Wattmeter and different types -Energy meter and different types		Assignment of 02 questions
27.04.18 Fri	II-CSE III & CE	Revision		Assignment of 02 questions		