

# **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-CSE I	A	Introduction to Ohms Law, Series and Parallel Resistance	.....	Assignment of 02 questions
	09.01.18 Tues	II-CSE I		Study of Kirchoffs voltage law and Numericals		Assignment of 02 questions
	11.01.18 Thurs	II-CSE I		Study of Kirchoffs Current Law and Numericals		Assignment of 02 questions
	15.01.18 Mon	II-CSE I		Concept of Nodal and Mesh analysis and Numericals		Assignment of 02 questions
	16.01.18 Tues	II-CSE I		Star / Delta conversion and Numericals		Assignment of 02 questions
	18.01.18 Thurs	II-CSE I		Thevenins Theorem & Numericals		Assignment of 02 questions
	23.01.18 Tues	II-CSE I		Norton's Theorem and Comparison with Thevenins		Assignment of 02 questions
	29.01.18 Mon	II-CSE I		Superposition Theorem & Numericals		Assignment of 02 questions
	30.01.18 Tues	II-CSE I		Millman's Theorem & Numericals		Assignment of 02 questions

February	01.02.18 Thurs	II-CSE I		Maximum power Transfer Theorem and Numericals		Assignment of 02 questions
	05.02.18 Mon	II-CSE I	B	Rmsvalue ,Average value of AC circuits		Assignment of 02 questions
	06.02.18 Tues	II-CSE I		-Terminologies & Numericals		Assignment of 02 questions
	08.02.18 Thurs	II-CSE I		Half wave Rectifier, Form Factor , Peak Factor		Assignment of 02 questions
	09.02.18 Thurs	II-CSE I		-Transient analysis of RL , RC& RLC circuit		Assignment of 02 questions
	19.02.18 Mon	II-CSE I		Series resonance, bandwidth, Q-factor		Assignment of 02 questions
	20.02.18 Tues	II-CSE I		-Parallel resonance , bandwidth , Q-Factor		Assignment of 02 questions
	22.02.18	II-CSE I		Numericals on resonance Circuit		Assignment of 02 questions
	26.02.18 Mon	II-CSE I		C	Introduction to 3 phase circuits, advantages ,disadvantages	
	27.02.18 Tues	II-CSE I	-Types of 3 phase connection and Derivations			Assignment of 02 questions
March	05.03.18 Mon	II-CSE I		Two wattmeter method with P.F. effects.		Assignment of 02 questions
	06.03.18 Tues	II-CSE I		-Numerical on 3 phase systems		Assignment of 02 questions
	08.03.18 Thurs	II-CSE I		Revision on derivations and Phasor diagram		Assignment of 02 questions
	12.03.18 Mon	II-CSE I		Introduction to Transformer, construction		Assignment of 02 questions
	13.03.18 Tues	II-CSE I		-Working principle and applications		Assignment of 02 questions
	15.03.18 Thurs	II-CSE I		Working of Ideal Transformer on NO LOAD		Assignment of 02 questions
	26.03.18 Mon	II-CSE I		-Working of Ideal Transformer on ON LOAD		Assignment of 02 questions

	<b>27.03.18 Tues</b>	<b>II-CSE I</b>		Working of Practical Transformer and Phasor diagram		<b>Assignment of 02 questions</b>
<b>April</b>	<b>02.04.18 Mon</b>	<b>II-CSE I</b>		-Efficiency & Voltage regulation of transformer		<b>Assignment of 02 questions</b>
	<b>03.04.18 Tues</b>	<b>II-CSE I</b>		Open Circuit test and Short Circuit test		<b>Assignment of 02 questions</b>
	<b>15.04.18 Thurs</b>	<b>II-CSE I</b>	<b>D</b>	Introduction to DC Machines -DC. motor and DC. Generator		<b>Assignment of 02 questions</b>
	<b>09.04.18 Mon</b>	<b>II-CSE I</b>		Synchronous motor's working principle		<b>Assignment of 02 questions</b>
	<b>10.04.18 Tues</b>	<b>II-CSE I</b>		Essentials and errors of indicating instruments		<b>Assignment of 02 questions</b>
	<b>12.04.18 Thurs</b>	<b>II-CSE I</b>		Moving iron measuring inst.(voltmeter & ammeter)		<b>Assignment of 02 questions</b>
	<b>24.04.18 Tues</b>	<b>II-CSE I</b>		-Moving coil type instruments		<b>Assignment of 02 questions</b>
	<b>26.04.18 Thurs</b>	<b>II-CSE I</b>		Wattmeter and different types -Energy meter and different types		<b>Assignment of 02 questions</b>