

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	10.01.18 Wed	II-CSE I	A	Introduction to Ohms Law, Series and Parallel Resistance	Assignment of 02 questions
	11.01.18 Thurs	II-CSE I		Study of Kirchoffs voltage law and Numericals		Assignment of 02 questions
	12.01.18 Fri	II-CSE I		Study of Kirchoffs Current Law and Numericals		Assignment of 02 questions
	17.01.18 Wed	II-CSE I		Concept of Nodal and Mesh analysis and Numericals		Assignment of 02 questions
	18.01.18 Thurs	II-CSE I		Star / Delta conversion and Numericals		Assignment of 02 questions
	19.01.18 Fri	II-CSE I		Thevenins Theorem & Numericals		Assignment of 02 questions
	24.01.18 Wed	II-CSE I		Norton's Theorem and Comparison with Thevenins		Assignment of 02 questions
	25.01.18 Thurs	II-CSE I		Superposition Theorem & Numericals		Assignment of 02 questions
	31.01.18 Wed	II-CSE I		Millman's Theorem & Numericals		Assignment of 02 questions

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February	01.02.18 Thurs	II-CSE I		Maximum power Transfer Theorem and Numericals		Assignment of 02 questions
	02.02.18 Fri	II-CSE I	B	Rmsvalue ,Average value of AC circuits		Assignment of 02 questions
	07.02.18 Wed	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 Fri	II-CSE I		-Transient analysis of RL , RC& RLC circuit		Assignment of 02 questions
	21.02.18 Wed	II-CSE I		Series resonance, bandwidth, Q-factor		Assignment of 02 questions
	22.02.18 Thurs	II-CSE I		-Parallel resonance ,bandwidth , Q-Factor		Assignment of 02 questions
	23.02.18 Fri	II-CSE I		Numericals on resonance Circuit		Assignment of 02 questions
	28.02.18 Wed	II-CSE I		C	Introduction to 3 phase circuits,advantages ,disadvantages	
07.03.18 Wed	II-CSE I	-Types of 3 phase connection and Derivations			Assignment of 02 questions	
08.03.18 Thurs	II-CSE I	Two wattmeter method with P.F. effects.			Assignment of 02 questions	
09.03.18 Fri	II-CSE I	-Numerical on 3 phase systems			Assignment of 02 questions	
14.03.18 Wed	II-CSE I	Revision on derivations and Phasor diagram			Assignment of 02 questions	
15.03.18 Thurs	II-CSE I	Introduction to Transformer, construction			Assignment of 02 questions	
16.03.18 Fri	II-CSE I	-Working principle and applications			Assignment of 02 questions	
28.03.18 Wed	II-CSE I	Working of Ideal Transformer on NO LOAD			Assignment of 02 questions	
30.03.18 Fri	II-CSE I	-Working of Ideal Transformer on ON LOAD		Assignment of 02 questions		

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April	04.04.18 Wed	II-CSE I		Working of Practical Transformer and Phasor diagram		Assignment of 02 questions
	05.04.18 Thurs	II-CSE I		-Efficiency & Voltage regulation of transformer		Assignment of 02 questions
	06.04.18 Fri	II-CSE I		Open Circuit test and Short Circuit test		Assignment of 02 questions
	11.04.18 Wed	II-CSE I	D	Introduction to DC Machines -DC. motor and DC. Generator		Assignment of 02 questions
	12.04.18 Thurs	II-CSE I		Synchronous motor's working principle		Assignment of 02 questions
	13.04.18 Fri	II-CSE I		Essentials and errors of indicating instruments		Assignment of 02 questions
	25.04.18 Wed	II-CSE I		Moving iron measuring inst.(voltmeter & ammeter)		Assignment of 02 questions
	26.04.18 Thurs	II-CSE I		-Moving coil type instruments		Assignment of 02 questions
	27.04.18 Fri	II-CSE I		Wattmeter and different types -Energy meter and different types		Assignment of 02 questions