



KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: EEE/ECE

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

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

Subject with code: TLN (EE-344-F)

Name of Faculty with designation : Mr. A. K. Singh (Asst. Prof.)

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Test / assignment
January	08.01.2018 Monday	VI-EEE	1	Fundamental quantities; Primary Constants of Transmission line	Assignment of 2 ques
January	08.01.2018 Monday	VI-EEE	1	loop Inductance; Shunt Capacitance; loop Resistance; Skin effect	Assignment of 2 ques
January	11.01.2018 Thursday	VI-EEE	1	Transmission line equations; characteristic Impedance; Propagation Constant	Assignment of 2 ques
January	15.01.2018 Monday	VI-EEE	1	Computation of Primary and Secondary Constants	Assignment of 2 ques
January	15.01.2018 Monday	VI-EEE	1	Tutorial 1	Assignment of 2 ques
January	18.01.2018 Thursday	VI-EEE	1	Reflected and incident waves; standing waves in open and short-circuited lines	Assignment of 2 ques
January	25.01.2018 Thursday	VI-EEE	1	Input Impedance of open and short-circuited lines	Assignment of 2 ques
January	29.01.2018 Monday	VI-EEE	1	Transmission lines as circuit Elements	Assignment of 2 ques
January	29.01.2018 Monday	VI-EEE	1	Input Impedance of terminated lines; Reflection Co-efficient	Assignment of 2 ques
February	01.02.2018 Thursday	VI-EEE	1	Standing wave Ratio; Reflection loss due to mismatching; Efficiency	Assignment of 2 ques
February	05.02.2018 Monday	VI-EEE	1	Tutorial 2	Assignment of 2 ques
February	05.02.2018 Monday	VI-EEE	2	Transmission of Electrical Energy; Overhead transmission lines	Assignment of 2 ques

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February	08.02.2018 Thursday	VI-EEE	2	Characteristics of low frequency transmission lines, Effect of length	Assignment of 2 ques
February	19.02.2018 Monday	VI-EEE	2	calculation of Inductance, Capacitance	Assignment of 2 ques
February	19.02.2018 Monday	VI-EEE	2	circle diagram, Receiving-end power diagrams,	Assignment of 2 ques
February	22.02.2018 Thursday	VI-EEE	2	sending-end power diagram	Assignment of 2 ques
February	26.02.2018 Monday	VI-EEE	2	The Measurement of standing wave Ratio, Wavelength, Impedance	Assignment of 2 ques
February	26.02.2018 Monday	VI-EEE	2	Tutorial 3	
March	05.03.2018 Monday	VI-EEE	2	Power and Reflection Coefficient	Assignment of 2 ques
March	05.03.2018 Monday	VI-EEE	3	Special Impedance Measuring methods	Assignment of 2 ques
March	08.03.2018 Thursday	VI-EEE	3	Measurement of standing waves in wave guides and Measurement of Insertion loss	Assignment of 2 ques
March	12.03.2018 Monday	VI-EEE	3	Measurement of standing waves in wave guides and Measurement of Insertion loss	Assignment of 2 ques
March	12.03.2018 Monday	VI-EEE	3	Classification of Equalizers	Assignment of 2 ques
March	15.03.2018 Thursday	VI-EEE	4	Inverse Impedance and inverse Network	Assignment of 2 ques
March	26.03.2018 Monday	VI-EEE	4	full series Equalizer, full shunt Equalizer and Bridge – T Equalizer	Assignment of 2 ques
March	26.03.2018 Monday	VI-EEE	4	Lattice Equalizer; Characteristics of Equalizers; Equalizer for Transmission for Digital Data	Assignment of 2 ques
March	30.03.2018 Thursday	VI-EEE	4	Active Filters, First order and second order Butterworth filter; universal active filters	Assignment of 2 ques
April	02.04.2018 Monday	VI-EEE	4	Symmetrical Attenuators, Symmetrical T-Attenuator,	Assignment of 2 ques
April	02.04.2018 Monday	VI-EEE	4	j-Attenuator, Bridged T-Attenuator, Lattice Attenuators	Assignment of 2 ques
April	05.04.2018 Thursday	VI-EEE	4	ASymmetrical T-Attenuator, L-Attenuator, j-Attenuator;	Assignment of 2 ques

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<b>April</b>	<b>09.04.2018 Monday</b>	<b>VI-EEE</b>	4	Minimum loss Attenuator, Attenuator for variable load	<b>Assignment of 2 ques</b>
<b>April</b>	<b>09.04.2018 Monday</b>	<b>VI-EEE</b>	4	Balanced and unbalanced Attenuators; Ladder Attenuators.	<b>Assignment of 2 ques</b>
<b>April</b>	<b>12.04.2018 Thursday</b>	<b>VI-EEE</b>	4	Tutorial 4	