

DR. NAGHARVA

College of Engineering
KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: Electronics and Communication

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

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

Subject with code: Analog Electronics (EE-202-F)

Name of Faculty with designation : Ms. Parul Bansal (Asst. Prof.)

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
January	09.01.2018 Tuesday	IV-ECE	1	Introduction to semiconductors & Review of P-N junction	.....	Assignment of 02 Ques.
	11.01.2018 Thursday	IV-ECE		Diode: Rectifier, Switching characteristics	.....	Assignment of 01 Ques.
	12.01.2018 Friday	IV-ECE		Diode: as a circuit element, load-line concept	.....	Assignment of 02 Ques.
	16.01.2018 Tuesday	IV-ECE		Half-wave and full wave rectifiers	.....	Assignment of 02 Ques.
	18.01.2018 Thursday	IV-ECE		Clipping circuits, clamping circuits & Queries	.....	Assignment of 02 Ques.
	19.01.2018 Friday	IV-ECE		Filter circuits, peak to peak detector, voltage multiplier circuits	.....	Assignment of 02 Ques.
	23.01.2018 Tuesday	IV-ECE		Revision/Test/Queries	.....	Test
	25.01.2018 Thursday	IV-ECE		MOSFET: operation and V-I characteristics	.....	Assignment of 01 Ques.
	30.01.2018 Tuesday	IV-ECE	Contd.	.....	Assignment of 01 Ques.	

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
February	01.02.2018 Thursday	IV-ECE	2	MOSFET as Amplifier and switch	.....	Assignment of 02 Ques.
	02.02.2018 Friday	IV-ECE		Biasing, small-signal operation and models	.....	Assignment of 02 Ques.
	06.02.2018 Tuesday	IV-ECE		MOSFET internal capacitances	.....	Assignment of 01 Ques.
	08.02.2018 Thursday	IV-ECE		Contd. and High frequency model	.....	Assignment of 01 Ques.
	09.02.2018 Friday	IV-ECE		Frequency response of CS amplifier	.....	Assignment of 01 Ques.
	20.02.2018 Tuesday	IV-ECE	1&2	Revision/Test/Queries	.....	Test
	22.02.2018 Thursday	IV-ECE	3	BJT: operation and V-I characteristics	.....	Assignment of 02 Ques.
	23.02.2018 Friday	IV-ECE		BJT as amplifier and switch	.....	Assignment of 02 Ques.
	27.02.2018 Tuesday	IV-ECE		BJT: Biasing, small-signal operation and models	.....	Assignment of 02 Ques.
06.03.2018 Tuesday	IV-ECE	BJT: Single stage amplifier, internal capacitances, high frequency model		.....	Assignment of 02 Ques.	
March	08.03.2018 Thursday	IV-ECE	4	Frequency response of CE amplifier	.....	Assignment of 01 Ques.
	09.03.2018 Friday	IV-ECE		Op-Amp configurations	.....	Assignment of 01 Ques.
	13.03.2018 Tuesday	IV-ECE		Difference amplifier	.....	Assignment of 01 Ques.
	15.03.2018 Thursday	IV-ECE	4	Circuit performance	.....	Assignment of 02 Ques.
	16.03.2018 Friday	IV-ECE		3&4	Revision/Test/Queries	.....	Test
	27.03.2018 Tuesday	IV-ECE		Op-Amp: Feedback	.....	Assignment of 01 Ques.

Month	Date & Day	Sem-Class	Unit	Topic/Chapter covered	Academic activity	Test / assignment
April	03.04.2018 Tuesday	IV-ECE	4	feed back topologies	.....	Assignment of 01 Ques.
	05.04.2018 Thursday	IV-ECE		3 types Feedback amplifier	.....	Assignment of 02 Ques.
	06.04.2018 Friday	IV-ECE		MOS Differential pair, BJT Differential pair	.....	Assignment of 02 Ques.
	10.04.2018 Tuesday	IV-ECE		characteristic of the Differential amplifier	.....	Assignment of 01 Ques.
	12.04.2018 Thursday	IV-ECE		DA with active load	.....	Assignment of 01 Ques.
	13.04.2018 Friday	IV-ECE		Revision/Queries	.....	Discussion on Important ques.
	24.04.2018 Tuesday	IV-ECE	1&2	Revision	.....
	26.04.2018 Thursday	IV-ECE	3	Revision	.....
	27.04.2018 Friday	IV-ECE	4	Revision	.....