

Lesson Planning for the semester started w.e.f. 5<sup>th</sup> Jan, 2018

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- Neha Mehta

Department :- ECE

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
JAN	ECE-4 <sup>th</sup>	AE:→ Review of Semiconductor diode, PN junction rectifiers. Clipping and clamping circuits, load line concept	(2 weeks) PPT Section revision	Ass. in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
JAN	EE-4 <sup>th</sup>	AE:→ Review of Semiconductor diode, PN junction Rectifier Clipping and clamping circuits, load line concept	(2 weeks) PPT Section revision	Ass. in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
FEB	ECE-4 <sup>th</sup>	AE:→ Review of MOSFET, VI characteristics, MOSFET Small-signal operation and models	(2 weeks) PPT Section revision	Ass. in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
FEB	EE-4 <sup>th</sup>	AE:→ Review of MOSFET, VI characteristics, MOSFET Small-signal operation and models	(2 weeks) PPT Section revision	Ass. in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
MAR	ECE-4 <sup>th</sup>	AE:→ Review of BJT, BJT as amps, freq. response Small signal operation & models	(2 weeks) PPT Section revision	Ass. in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
MAR	EE-4 <sup>th</sup>	AE:→ Review of BJT, BJT as amps, freq. response Small signal operation & models	(2 weeks) PPT Section revision	Assignment in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
APR	ECE-4 <sup>th</sup>	AE:→ Op-amp configurations Feedback & differential amps.	(2 weeks) PPT Section revision	Assignment in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week
APR	EE-4 <sup>th</sup>	AE:→ Op-amp configurations Feedback & differential amps.	(2 weeks) PPT Section revision	Assignment in 3 <sup>rd</sup> week Test in 4 <sup>th</sup> week

Signature of the teacher concerned with date

Lesson Planning for the semester started w.e.f..... 5 Jan, 2018.....

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- Neha Mittal

Department :- ECE (4<sup>th</sup> Sem) | EE 4<sup>th</sup> Sem (Group A/B).

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
JAN.	4 <sup>th</sup> Sem. AE16b	1. Study of lab equipments & components 2. To plot VI characteristics of PN junction diode. 3. To calculate $V_{rms}$ , $V_{dc}$ & ripple factor.	practicals to be performed	file to be checked
FEB	4 <sup>th</sup> Sem. AE16b	4. Graphical measurement of forward & rev. resistance. 5. Zener diode as voltage regulator 6. Graphical measurement of $h$ -parameters	practicals to be performed	file to be checked
MAR	4 <sup>th</sup> Sem AE16b	7. Graphical measurement of $g_m$ , $r_d$ & I/P & O/P characteristics 8. Characteristics of SCR. 9. To plot VI characteristics of DIAC	practicals to be performed	file to be checked.
APR	4 <sup>th</sup> Sem AE16b	10. To draw VI characteristics of TRIAC Practical problems & viva.	practical performed & problems solved.	file to be checked.

Signature of the teacher concerned with date