

Lesson Plan

Name of the Assistant/ Associate Professor: - Kritika Banwala

Class and Section: B.Sc.(N.M)(2ND SEM)

Subject: Semiconductor Devices

Paper code: PH202

Week	Date	Topics
1	1-Jan-18	Energy Bands in Solids
	2-Jan-18	Intrinsic and Extrinsic Semiconductors
	3-Jan-18	Carrier Mobility
	4-Jan-18	Electrical Resistivity of Semiconductor
	5-Jan-18	Hall Effect
	6-Jan-18	P-N Junction and Characteristics
	7-Jan-18	Sunday
2	8-Jan-18	Revision
	9-Jan-18	Zener and Avalanche Breakdown
	10-Jan-18	Zener Diode
	11-Jan-18	Zener Diode as a Voltage Regulator
	12-Jan-18	LED and Photoconduction in semiconductors
	13-Jan-18	Photo Diode ,Solar Cell
	14-Jan-18	Sunday
3	15-Jan-18	Test
	16-Jan-18	Rectifier
	17-Jan-18	Half and Full Rectifier
	18-Jan-18	Numericals
	19-Jan-18	Filters
	20-Jan-18	Series Inductor and Shunt Capacitance
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Revision
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	L Section and R.C. Filter
	26-Jan-18	Republic Day
	27-Jan-18	Test
	28-Jan-18	Sunday
5	29-Jan-18	Numericals
	30-Jan-18	Transistors
	31-Jan-18	NPN and PNP Transistor

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Week	Date	Topics
1	1-Feb-18	Common Base Configuration and Characteristics
	2-Feb-18	Numericals
	3-Feb-18	Common Emitter Characteristics
	4-Feb-18	Sunday
2	5-Feb-18	Numericals
	6-Feb-18	Common Collector Characteristics
	7-Feb-18	Revision
	8-Feb-18	D.C Load Line
	9-Feb-18	Test
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Transistor Biasing
	13-Feb-18	Maha Shivratri
	14-Feb-18	Different Type of Biasing
	15-Feb-18	Stabilization
	16-Feb-18	Revision
	17-Feb-18	Test
	18-Feb-18	Sunday
4	19-Feb-18	Amplifiers
	20-Feb-18	Classification of Amplifiers
	21-Feb-18	Common Base and Common Emitter Amplifiers
	22-Feb-18	Numericals
	23-Feb-18	Coupling of Amplifiers
	24-Feb-18	Revision
	25-Feb-18	Sunday
5	26-Feb-18	Test
	27-Feb-18	RC Coupled Amplifier
	28-Feb-18	As per Uni. Calendar Holiday

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Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	As per Uni. Calendar Holiday
	4-Mar-18	Sunday
2	5-Mar-18	Test
	6-Mar-18	Feedback in Amplifiers
	7-Mar-18	Emitter Follower
	8-Mar-18	Numericals
	9-Mar-18	Distortion in Amplifiers
	10-Mar-18	Revision
	11-Mar-18	Sunday
3	12-Mar-18	Oscillators
	13-Mar-18	Principle of Oscillation
	14-Mar-18	Classification of Oscillators
	15-Mar-18	Revision
	16-Mar-18	Condition for self sustained Oscillation
	17-Mar-18	Barkhausen criterion for Oscillation
	18-Mar-18	Sunday
4	19-Mar-18	Test
	20-Mar-18	Tuned Collector Common Emitter Oscillation
	21-Mar-18	Numericals
	22-Mar-18	Revision
	23-Mar-18	Shaheedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Hartley Oscillator
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Numericals
	27-Mar-18	C.R.O
	28-Mar-18	Principle ad Working
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Test
	31-Mar-18	Revision

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Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Revision Of First Unit
	3-Apr-18	Numericals
	4-Apr-18	-DO-
	5-Apr-18	-DO-
	6-Apr-18	Test
	7-Apr-18	Revision of Second Unit
	8-Apr-18	Sunday
2	9-Apr-18	Numericals
	10-Apr-18	-DO-
	11-Apr-18	Test
	12-Apr-18	Revision of Third Unit
	13-Apr-18	Numericals
	14-Apr-18	Dr AmbedkarJayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	-DO-
	17-Apr-18	-DO-
	18-Apr-18	ParashuramaJayanti
	19-Apr-18	Revision of Fourth Unit
	20-Apr-18	-DO-
	21-Apr-18	
	22-Apr-18	Sunday
4	23-Apr-18	
	24-Apr-18	
	25-Apr-18	
	26-Apr-18	
	27-Apr-18	
	28-Apr-18	

