

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT /ASSOCIATE PROFESSOR : Dr. Indra Kapoor

CLASS/SECTION : B.Sc. I Year, Sem. II... Sec. A (1-3), Sec. B (3-6)

SUBJECT: Physics (Paper II)

Week	Date	Topics Theory
1	1-Jan-18	Introduction Of The Syllabus Of Paper II (Electronic Devices)
	2-Jan-18	Components Used In Electronic Circuits
	3-Jan-18	Energy Bands In Solids
	4-Jan-18	Energy Bands In Solids
	5-Jan-18	Intrinsic & Extrinsic semiconductor
	6-Jan-18	Carrier mobility & electrical resistivity of semiconductors
	7-Jan-18	Sunday
2	8-Jan-18	Intrinsic & Extrinsic semiconductor
	9-Jan-18	Carrier mobility & electrical resistivity of semiconductors
	10-Jan-18	Hall Effect
	11-Jan-18	Hall Effect
	12-Jan-18	PN Junction Diode & their characteristics
	13-Jan-18	Zener & Avalanche breakdown, Zener Diode as a Voltage Regulator
	14-Jan-18	Sunday
3	15-Jan-18	PN Junction Diode & their Characteristics
	16-Jan-18	Zener & Avalanche breakdown, Zener Diode as a Voltage Regulator
	17-Jan-18	Light Emitting Diode, Photo Conduction in semi-conductors, Photodiode
	18-Jan-18	Light Emitting Diode, Photo Conduction in semi-conductors, Photodiode
	19-Jan-18	Solar Cell, PN Junction as a half wave Rectifier
	20-Jan-18	PN Junction as a full wave Rectifier, L Filter, C Filter
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Solar Cell, PN Junction as a half wave Rectifier
	24-Jan-18	Sir Chotu Ram Jayanti
	25-Jan-18	LC, RC & II Filters
	26-Jan-18	Republic Day

	27-Jan-18	Revision Of Ist Unit/ Assignment
	28-Jan-18	Sunday
5	29-Jan-18	PN Junction as a full wave Rectifier, L Filter, C Filter
	30-Jan-18	LC, RC & II Filters
	31-Jan-18	Revision Of Ist Unit/ Assignment
	1-Feb-18	Numerical Of Ist Unit
	2-Feb-18	Test Of Ist Unit
	3-Feb-18	Basics of Transistors
	4-Feb-18	Sunday
6	5-Feb-18	Numerical Of Ist Unit
	6-Feb-18	Test Of Ist Unit
	7-Feb-18	Basics of Transistors
	8-Feb-18	Working Of NPN & PNP Transistors
	9-Feb-18	Three Configurations of transistor, CB characteristics of Transistor
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
7	12-Feb-18	Working Of NPN & PNP Transistors
	13-Feb-18	Maha Shivratri
	14-Feb-18	Three Configurations of transistor, CB characteristics of Transistor
	15-Feb-18	Common emitter & common collector characteristics of transistor
	16-Feb-18	Constants of a transistor & their relations, Advantages Of CEC
	17-Feb-18	D.C Load Line, Bias Stabilization
	18-Feb-18	Sunday
8	19-Feb-18	CE & CC configuration characteristics of transistor
	20-Feb-18	Constants Of a Transistor & their Relations. Advantages Of CEC
	21-Feb-18	D.C Load Line, Bias Stabilization
	22-Feb-18	Various Methods Of Biasing
	23-Feb-18	___Continued_____
	24-Feb-18	Revision/ Assignment
	25-Feb-18	Sunday
9	26-Feb-18	Various Methods Of Biasing
	27-Feb-18	___Continued_____
	28-Feb-18	University Vacation

	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	University Vacation
	4-Mar-18	Sunday
10	5-Mar-18	Revision of II Unit / Assignment
	6-Mar-18	Numerical Of II Unit
	7-Mar-18	Classification Of Amplifiers
	8-Mar-18	Numerical Of II Unit
	9-Mar-18	Classification Of Amplifiers
	10-Mar-18	CB & CE Amplifiers
	11-Mar-18	Sunday
11	12-Mar-18	CB & CE Amplifiers
	13-Mar-18	Various Methods of Coupling
	14-Mar-18	RC Coupled Amplifiers
	15-Mar-18	Various Methods of Coupling
	16-Mar-18	RC Coupled Amplifiers
	17-Mar-18	Feedback in Amplifiers, advantages of negative feedback
	18-Mar-18	Sunday
12	19-Mar-18	Feedback in Amplifiers, advantages of negative feedback
	20-Mar-18	Emitter Follower
	21-Mar-18	Distortion in Amplifiers
	22-Mar-18	Emitter Follower
	23-Mar-18	Shadeedi Diwas of Bhagat Singh, Rajguru & Sukhdev
	24-Mar-18	Distortion in Amplifiers
	25-Mar-18	Sunday/Ram Navami
13	26-Mar-18	Revision Of III Unit
	27-Mar-18	Numerical of III Unit
	28-Mar-18	Test of III Unit
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Revision Of III Unit
	31-Mar-18	Test of III Unit
	1-Apr-18	Sunday

14	2-Apr-18	Oscillations, classification of Oscillations
	3-Apr-18	Principle of Oscillations, Conditions for Self Sustained Oscillations
	4-Apr-18	Barkhausen criterion for Oscillations, Hartley Oscillations
	5-Apr-18	Test of III Unit
	6-Apr-18	Oscillations, Classifications of Oscillations
	7-Apr-18	Principle of Oscillations, Conditions of Self Oscillations
	8-Apr-18	Sunday
15	9-Apr-18	Tuned Collector common Emitter Oscillator
	10-Apr-18	C.R.O
	11-Apr-18	Applications Of C.R.O
	12-Apr-18	Barkhausen criterion for Oscillations, Hartley Oscillations
	13-Apr-18	Tuned Collector common Emitter Oscillator
	14-Apr-18	Dr. Ambedkar Jayanti/Vaisakhi
	15-Apr-18	Sunday
16	16-Apr-18	Revision Of IV Unit
	17-Apr-18	Numerical Of IV Unit
	18-Apr-18	Parshurama Jayanti
	19-Apr-18	C.R.O & its applications
	20-Apr-18	Revision & Numerical
	21-Apr-18	Practical Exams
	22-Apr-18	Sunday
17	23-Apr-18	Practical Exams
	24-Apr-18	Practical Exams
	25-Apr-18	Practical Exams
	26-Apr-18	Practical Exams
	27-Apr-18	Practical Exams
	28-Apr-18	Practical Exams