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 Class and Section : B.Sc. Ist year , IInd sem , Section-B ( C.Sc. / C.A. / I.C/ ) (4-6)  
 Subject : Physics , Paper – II ( Electronic Devices )

Week	Date	Topic
1	1-Jan-19	
	2-Jan-19	
	3-Jan-19	Introduction of the syllabus of paper II ( Electronic Devices )
	4-Jan-19	Components used in Electronic Devices
	5-Jan-19	<b>Energy Bands in Solids</b>
	6-Jan-19	<b>Sunday</b>
	2	7-Jan-19
8-Jan-19		
9-Jan-19		
10-Jan-19		Intrinsic and Extrinsic Semiconductors
11-Jan-19		Carrier mobility and Resistivity of Semiconductors
12-Jan-19		Hall Effect
13-Jan-19		<b>Sunday</b>
3	14-Jan-19	
	15-Jan-19	
	16-Jan-19	
	17-Jan-19	PN Junction diode and Characteristics
	18-Jan-19	Zener diode as a Voltage Regulator
	19-Jan-19	Light Emitting diode and photo diode
	20-Jan-19	<b>Sunday</b>
4	21-Jan-19	
	22-Jan-19	
	23-Jan-19	
	24-Jan-19	<b>Solar cell , PN Junction diode as a hall wave Rectifier</b>
	25-Jan-19	<b>Sir Chhotu Ram Jayanti</b>
	26-Jan-19	<b>Republic Day</b>
	27-Jan-19	<b>Sunday</b>
5	28-Jan-19	
	29-Jan-19	
	30-Jan-19	
	31-Jan-19	<b>PN Junction diode as a Full wave Rectifier</b>

<b>Week</b>	<b>Date</b>	<b>Topic</b>
<b>1</b>	1-Feb-19	LC , RC and II Filters
	2-Feb-19	Revision of Ist Unit / Assignment to be given
	3-Feb-19	<b>Sunday</b>
<b>2</b>	4-Feb-19	
	5-Feb-19	
	6-Feb-19	
	7-Feb-19	Numericals of Ist Unit
	8-Feb-19	Test of Ist Unit
	9-Feb-19	Basics of Transistors
	10-Feb-19	<b>VasantPanchami / Sunday</b>
<b>3</b>	11-Feb-19	
	12-Feb-19	
	13-Feb-19	
	14-Feb-19	Working of NPN and PNP Transistors
	15-Feb-19	Three Configurations of Transistors , CB characteristics of transistors
	16-Feb-19	Coustants of a CB Transistor , CE transistor characteristics
	17-Feb-19	<b>Sunday</b>
<b>4</b>	18-Feb-19	
	19-Feb-19	<b>Guru Ravi Dass Birthday</b>
	20-Feb-19	
	21-Feb-19	Common collector Transistors characteristics , Advantage of CEC
	22-Feb-19	D.C. Load line , Bias Stabilisation
	23-Feb-19	Various methods of biasing
	24-Feb-19	<b>Sunday</b>
<b>5</b>	25-Feb-19	
	26-Feb-19	
	27-Feb-19	

	28-Feb-19	<b>Continued ( Voltage divider biasing method )</b>
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<b>Week</b>	<b>Date</b>	<b>Topic</b>
<b>1</b>	1-Mar-19	<b>MahaShivratri</b>
	2-Mar-19	<b>Revision of IInd Unit / Assignment to be given</b>
	3-Mar-19	<b>Sunday</b>
<b>2</b>	4-Mar-19	
	5-Mar-19	
	6-Mar-19	
	7-Mar-19	Numericals of IInd Unit
	8-Mar-19	Classification of Amplifiers
	9-Mar-19	Various methods of coupling
	10-Mar-19	<b>Sunday</b>
<b>3</b>	11-Mar-19	
	12-Mar-19	
	13-Mar-19	
	14-Mar-19	RC coupled Amplifiers
	15-Mar-19	Feedback in Amplifier , advantages of Negative Feedback
	16-Mar-19	Emitter Follower
	17-Mar-19	<b>Sunday</b>
<b>4</b>	18-Mar-19	<b>University Holidays</b>
	19-Mar-19	<b>University Holidays</b>
	20-Mar-19	<b>University Holidays</b>
	21-Mar-19	<b>University Holidays</b>
	22-Mar-19	<b>University Holidays</b>
	23-Mar-19	<b>University Holidays</b>
	24-Mar-19	<b>Sunday</b>
<b>5</b>	25-Mar-19	
	26-Mar-19	
	27-Mar-19	
	28-Mar-19	Distortions in Amplifier
	29-Mar-19	<b>Revision of IIIrd Unit</b>
	30-Mar-19	Numericals of IIIrd Unit

	31-Mar-19	<b>Sunday</b>
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<b>Week</b>	<b>Date</b>	<b>Topic</b>
<b>1</b>	1-Apr-19	
	2-Apr-19	
	3-Apr-19	
	4-Apr-19	Test of IIIrd Unit
	5-Apr-19	Classification of oscillators
	6-Apr-19	Principle of oscillations
	7-Apr-19	<b>Sunday</b>
<b>2</b>	8-Apr-19	
	9-Apr-19	
	10-Apr-19	
	11-Apr-19	Barkhansen criterion and Hartley oscillator
	12-Apr-19	Tuned collector CE oscillator
	13-Apr-19	C.R.O. ( Principle , Construction and Working )
	14-Apr-19	<b>Vaisakhi / AmbedkarJyanti / Sunday</b>
<b>3</b>	15-Apr-19	
	16-Apr-19	
	17-Apr-19	<b>MahavirJayanti</b>
	18-Apr-19	Application of C.R.O.
	19-Apr-19	Revision of IVth Unit
	20-Apr-19	Numericals of IVth Unit
	21-Apr-19	<b>Sunday</b>
<b>4</b>	22-Apr-19	
	23-Apr-19	
	24-Apr-19	
	25-Apr-19	Practical Exams
	26-Apr-19	Continued
	27-Apr-19	Continued
	28-Apr-19	<b>Sunday</b>
<b>5</b>	29-Apr-19	<b>Continued</b>
	30-Apr-19	<b>Continued</b>

