

Lesson Plan

Name of the Associate Professor- Savita Sharma

Subject- Physics

Lesson Plan- 17 Weeks (January-April 2018)

Week	Date	Class B.Sc.-II ELECTRONICS (Sec-E) Electronic Devices and Circuits-II	Class B.SC.-II ELECTRONICS (Sec-C) Introduction to C & its Programming
1.	1-Jan-18	Why Bias a Transistor, Selection of Operating Point	
	2-Jan-18	Need for Bias Stabilization, Requirement of a Biasing Circuit	
	3-Jan-18	Requirement of a Biasing Circuit, Different Biasing Circuits	
	4-Jan-18		C.Fundamentals:The character set
	5-Jan-18	Holiday	
	6-Jan-18		identifiers & keywords
	7-Jan-18	Sunday	
2.	8-Jan-18	Fixed-Bias Circuit,	
	9-Jan-18	Collector-to-base Bias Circuit	
	10-Jan-18	Bias Circuit with Emitter Resistor	
	11-Jan-18		identifiers & keywords
	12-Jan-18		data types,constants
	13-Jan-18		data types,constants
	14-Jan-18	Sunday	
3.	15-Jan-18	Voltage Divider Biasing Circuit	
	16-Jan-18	Voltage Divider Biasing Circuit	
	17-Jan-18	Emitter-Bias Circuit	
	18-Jan-18		arrays <declaration,expressions statements
	19-Jan-18		arrays <declaration,expressions statements
	20-Jan-18		arrays <declaration,expressions statements
	21-Jan-18	Sunday	
4.	22-Jan-18	Vasant Panchami	
	23-Jan-18	Revision of Collector-to-base Bias Circuit	
	24-Jan-18	Sir Chotu Ram Jayanti	
	25-Jan-18		symbolic constants
	26-Jan-18	Republic Day	
	27-Jan-18		Arithmetic operators
	28-Jan-18	Sunday	
5.	29-Jan-18	Emitter-Bias Circuit	
	30-Jan-18	Gain of a multi-stage amplifier	
	31-Jan-18	Guru Ravi Das Birthday	
	1-Feb-18		conditional operators
	2-Feb-18		unary operators, relational and logical operators
	3-Feb-18		unary operators, relational and logical operators

	4-Feb-18	Sunday	
6.	5-Feb-18	How to couple two stages	
	6-Feb-18	How to couple two stages	
	7-Feb-18	Resistance-Capacitance Coupling	
	8-Feb-18		assignment operators, conditional operators
	9-Feb-18		assignment operators, conditional operators
	10-Feb-18	Maharishi Dayanand Saraswati Jayanti	
	11-Feb-18	Sunday	
7.	12-Feb-18	Resistance-Capacitance Coupling	
	13-Feb-18	Maha Shivratri	
	14-Feb-18	Transformer Coupling	
	15-Feb-18		Entering input data
	16-Feb-18		The scanned function
	17-Feb-18		Writing output data- The print function.
	18-Feb-18	Sunday	
8.	19-Feb-18	Direct Coupling	
	20-Feb-18	Frequency Response Curve of an RC-Coupled Amplifier	
	21-Feb-18	Frequency Response Curve of an RC-Coupled Amplifier	
	22-Feb-18		While statement
	23-Feb-18		Do-while statement
	24-Feb-18		For statement
	25-Feb-18	Sunday	
9.	26-Feb-18	Fall of Gain in Low-frequency Range	
	27-Feb-18	Fall of Gain in Low-frequency Range	
	28-Feb-18	Holiday	
	1-Mar-18	Holiday	
	2-Mar-18	Holiday(HOLI)	
	3-Mar-18	Holiday	
	4-Mar-18	Sunday	
10.	5-Mar-18	Does gain fall in high Frequencies	
	6-Mar-18	Bandwidth of an amplifier	
	7-Mar-18	revision	
	8-Mar-18		If-else statement
	9-Mar-18		switch statement
	10-Mar-18		break statement ,continue statement
	11-Mar-18	Sunday	
11.	12-Mar-18	Junctions Field Effect Transistor	
	13-Mar-18	Junctions Field Effect Transistor	
	14-Mar-18	Junctions Field Effect Transistor	
	15-Mar-18		Defining a Function
	16-Mar-18		Accessing a Function,
	17-Mar-18		passing arguments to a Function
	18-Mar-18	Sunday	
12.	19-Mar-18	Qualitative Description of JFET	
	20-Mar-18	Qualitative Description of JFET	
	21-Mar-18	Drain and transfer characteristics of	

		JFET	
	22-Mar-18		specify arguments,data types.
	23-Mar-18	Shaheedi Diwas	
	24-Mar-18		Defining an Array
	25-Mar-18	Sunday	
13.	26-Mar-18	Drain and transfer characteristics of JFET	
	27-Mar-18	FET small signal low frequency model	
	28-Mar-18	FET small signal low frequency model	
	29-Mar-18	Mahavir Jayanti	
	30-Mar-18		processing an Array
	31-Mar-18		Passing arrays to a function
	1-Apr-18	Sunday	
14.	2-Apr-18	CS & CD low frequency model	
	3-Apr-18	CS & CD low frequency model	
	4-Apr-18	Revision	
	5-Apr-18		arrays and strings
	6-Apr-18		pointer declaration
	7-Apr-18		passing pointers to a function
	8-Apr-18	Sunday	
15.	9-Apr-18	MOSFET -Depletion and enhancement and their drain & transfer characteristics.	
	10-Apr-18	MOSFET -Depletion and enhancement and their drain & transfer characteristics.	
	11-Apr-18	MOSFET -Depletion and enhancement and their drain & transfer characteristics.	
	12-Apr-18		Pointers and one dimensional arrays,
	13-Apr-18		operations on pointers
	14-Apr-18	Dr. Ambedkar Jayanti / Vaisakhi	
	15-Apr-18	Sunday	
16.	16-Apr-18	MOSFET -Depletion and enhancement and their drain & transfer characteristics.	
	17-Apr-18	revision	
	18-Apr-18	Parashurama Jayanti	
	19-Apr-18		Class test: unit-III
	20-Apr-18		Revision of unit-I and II
	21-Apr-18		Class test: unit-I
	22-Apr-18	Sunday	
17.	23-Apr-18	Assignment discussion on Unit-I	
	24-Apr-18	Assignment discussion on Unit-III	
	25-Apr-18	Assignment discussion on Unit-II	
	26-Apr-18		Class test: unit-III
	27-Apr-18		Assignment discussion
	28-Apr-18		Class test: unit-II
	29-Apr-18	Sunday	