

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग-एक			पाठ्यक्रम योजना : सत्र २०१६-२०		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
01.08.19	1	P.V.S.	I	Passive ckt elements	Ideal register, capacitor
02.08.19	1	P.V.S.	II	Filter	Input transfer impedance
03.08.19	2	P.V.S.	II	Filter	Symmetrical T & II network
06.08.19	1	P.V.S.	III	Electron emission & Tubes	Potential energy of electron & work function
07.08.19	2	P.V.S.	III	Electron emission & Tubes	Thermionic emission & space charge
08.08.19				Class Teaching	
09.08.19	2	P.V.S.	I	Passive ckt element	Inductors
10.08.19	3	P.V.S.	II	Filter	Impedance & propagation constant
13.08.19	3	P.V.S.	I	Passive ckt element	Their characteristics
14.08.19	3	P.V.S.	III	Electron emission & tubes	Physics of vacuum tubes
16.08.19	4	P.V.S.	III	Electron emission & tubes	Glow tubes, ignition
17.08.19				Class Teaching	
19.08.19	4	P.V.S.	I	Passive ckt element	Dielectric, eddy current, hysteresis losses
20.08.19	5	P.V.S.	I	Passive ckt element	Skin effect
21.08.19	4	P.V.S.	II	Filter	Theory of filter pass & attenuation band
22.08.19	5	P.V.S.	III	Semiconductor physics	Energy bands, semiconductor
24.08.19	6	P.V.S.	III	Semiconductor physics	Metal, insulator, intrinsic, extrinsic
26.08.19				Class Teaching/Test	
27.08.19	6	P.V.S.	I	Passive ckt element	Practical ckt elements their equivalent ckt
28.08.19	5	P.V.S.	II	Filter	Constant K, m-desired, L section filter
29.08.19	6	P.V.S.	II	Filter	Design of LPF & HPF
30.08.19	7	P.V.S.	III	Semiconductor physics	Extrinsic, drift current
02.09.19	8	P.V.S.	III	Semiconductor physics	Diffusion current recombination
03.09.19				Class Teaching	
04.09.19	7	P.V.S.	I	Passive ckt element	Behaviour at low and high frequencies
05.09.19	7	P.V.S.	II	Filter	Design of LPF & HPF
06.09.19	8	P.V.S.	II	Attenuators	It's purpose
07.09.19	9	P.V.S.	III	Semiconductor physics	Generation
09.09.19	10	P.V.S.	III	Semiconductor physics	Continuity equation
11.09.19				Class Teaching	

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13.09.19	8	P.V.S.	I	Passive ckt element	Measurement of resistance
14.09.19	9	P.V.S.	II	Attemuators	Types of Attenuators
16.09.19	10	P.V.S.	II	Attemuators	Types of Attenuators
17.09.19	11	P.V.S.	III	Semiconductor physics	Metal junction
19.09.19	12	P.V.S.	III	Junction	Contact potential
20.09.19				Class Teaching	
21.09.19	9	P.V.S.	I	Transient analysis	LCR ckt to connected DC source
23.09.19	11	P.V.S.	II	Attemuators	Types of Attenuators
24.09.19	12	P.V.S.	II	Coupled ckt	Magnitically coupled
25.09.19	13	P.V.S.	III	Junction	Metal semiconductor junction
26.09.19	14	P.V.S.	III	Junction	p-n junction
27.09.19				Class Teaching/Test	
30.09.19	10	P.V.S.	I	T.A.	Vector impedance, admittance
01.10.19	13	P.V.S.	II	Coupled ckt	Magnitically coupled
03.10.19	14	P.V.S.	II	Coupled ckt	Leakage flux, leakage, indutance
04.10.19	15	P.V.S.	III	Junction	Width of depletion region
05.10.19	16	P.V.S.	III	Junction	Capacitance of depletion region
12.10.19				Class Teaching	
14.10.19	11	P.V.S.	I	T.A.	Phase angle, power factor
15.10.19	15	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
16.10.19	16	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
17.10.19	17	P.V.S.	III	Junction	Current flow in biased p-n junction
18.10.19	18	P.V.S.	III	Junction	Zener & avalanche
21.10.19				Class Teaching	
22.10.19	12	P.V.S.	I	T.A.	Series LCR ckt
23.10.19	17	P.V.S.	II	Transformer	Classification
30.10.19	18	P.V.S.	II	Transformer	Classification
31.10.19	19	P.V.S.	III	Junction	Zener diode
01.11.19	20	P.V.S.	III	Junction	Varactor diode
04.11.19				Class Teaching/Test	

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05.11.19	13	P.V.S.	I	T.A.	Series LCR ckt
06.11.19	19	P.V.S.	II	Transformer	Classification
07.11.19	20	P.V.S.	II	Transformer	Classification
09.11.19	21	P.V.S.	III	Junction	Photo diode
11.11.19	22	P.V.S.	III	Junction	LED
13.11.19				Class Teaching	
14.11.19	14	P.V.S.	I	T.A.	Parallel LCR ckt
15.11.19	21	P.V.S.	II	Transformer	Phase and frequency response
16.11.19	22	P.V.S.	II	Transformer	Over coupling
18.11.19	23	P.V.S.	III	Junction	Solar cell
19.11.19	24	P.V.S.	III	Transistor	BJT
20.11.19				Class Teaching	
21.11.19	15	P.V.S.	I	T.A.	Parallel LCR ckt
22.11.19	23	P.V.S.	II	Instruments	AC ammeter, voltmeter
23.11.19	24	P.V.S.	II	Instruments	VTVM
25.11.19	25	P.V.S.	III	Transistor	n-p-n
26.11.19	26	P.V.S.	III	Transistor	p-n-p
27.11.19				Class Teaching/Test	
28.11.19	16	P.V.S.	I	T.A.	Electrical impedance & admittance
29.11.19	25	P.V.S.	II	Instruments	Multimeter
30.11.19	27	P.V.S.	III	Transistor	Operation
02.12.19	28	P.V.S.	III	Transistor	Current flow in transistor
03.12.19	26	P.V.S.	II	Instruments	CRO
07.12.19				Class Teaching	
09.12.19	17	P.V.S.	I	T.A.	Half power points & Q
11.12.19	27	P.V.S.	II	Instruments	CRO
12.12.19	28	P.V.S.	II	Instruments	CRO
13.12.19	29	P.V.S.	III	Transistor	Characteristics
14.12.19	30	P.V.S.	III	Transistor	Characteristics
16.12.19				Class Teaching	

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17.12.19	18	P.V.S.	I	Network	Ckt elements
18.12.19	19	P.V.S.	I	Network	Kirchoff's law
19.12.19	20	P.V.S.	I	Network	Mesh equation
20.12.19	31	P.V.S.	III	Transistor	Characteristics
21.12.19	32	P.V.S.	III	Transistor	Parameters
23.12.19				Class Teaching/Test	
24.12.19	21	P.V.S.	I	Network	T-network
26.12.19	22	P.V.S.	I	Network	Π-network
27.12.19	23	P.V.S.	I	Network	Equivalence
28.12.19	33	P.V.S.	III	Transistor	FET
30.12.19	34	P.V.S.	III	Transistor	FET
31.12.19				Class Teaching/Test	
01.01.20	24	P.V.S.	I	Network	Equivalence
02.01.20	25	P.V.S.	I	Network	Equivalence
03.01.20	26	P.V.S.	I	Network	Bridge T-network
04.01.20	35	P.V.S.	III	Transistor	Mosfet
06.01.20	36	P.V.S.	III	Transistor	Mosfet
07.01.20				Class Teaching	
08.01.20	27	P.V.S.	I	Network	Symmetrical network
09.01.20	28	P.V.S.	I	Network theorem	Theorem for passive network into T-network
10.01.20	29	P.V.S.	I	Network theorem	Theorem for passive network into Π-network
11.01.20	37	P.V.S.	III	Transistor	SCR
13.01.20	38	P.V.S.	III	Transistor	SCR
16.01.20				Class Teaching	
17.01.20	30	P.V.S.	I	Network theorem	Super position
18.01.20	31	P.V.S.	I	Network theorem	Reciprocity
20.01.20	32	P.V.S.	I	Network theorem	Norton, maximum power
22.01.20	39	P.V.S.	III	Transistor	Photo transistor
23.01.20	40	P.V.S.	III	Transistor	UJT
24.01.20				Class Teaching	

