

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

कक्षा : बी.एस-सी. भाग-एक			पाठ्यक्रम योजना : सत्र २०१६-१७		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
01.08.16	1	P.V.S.	I	Passive ckt elements	Ideal register, capacitor
02.01.16	1	P.V.S.	II	Filter	Input transfer impedance
03.01.16	2	P.V.S.	II	Filter	Symmetrical T & Π network
04.01.16	1	P.V.S.	III	Electron emission & Tubes	Potential energy of electron & work function
05.01.16	2	P.V.S.	III	Electron emission & Tubes	Thermionic emission & space charge
08.01.16				Class Teaching	
09.01.16	2	P.V.S.	I	Passive ckt element	Inductors
10.01.16	3	P.V.S.	II	Filter	Impedance & propagation constant
11.01.16	3	P.V.S.	I	Passive ckt element	Their characteristics
12.01.16	3	P.V.S.	III	Electron emission & tubes	Physics of vacuum tubes
13.01.16	4	P.V.S.	III	Electron emission & tubes	Glow tubes, ignition
16.01.16				Class Teaching	
17.01.16	4	P.V.S.	I	Passive ckt element	Dielectric, eddy current, hysteresis losses
19.01.16	5	P.V.S.	I	Passive ckt element	Skin effect
20.01.16	4	P.V.S.	II	Filter	Theory of filter pass & attenuation band
22.01.16	5	P.V.S.	III	Semiconductor physics	Energy bands, semiconductor
23.01.16	6	P.V.S.	III	Semiconductor physics	Metal, insulator, intrinsic, extrinsic
24.01.16				Class Teaching/Test	
26.01.16	6	P.V.S.	I	Passive ckt element	Practical ckt elements their equivalent ckt
27.01.16	5	P.V.S.	II	Filter	Constant K, m-desired, L section filter
29.01.16	6	P.V.S.	II	Filter	Design of LPF & HPF
30.01.16	7	P.V.S.	III	Semiconductor physics	Extrinsic, drift current
31.01.16	8	P.V.S.	III	Semiconductor physics	Diffusion current recombination
01.09.16				Class Teaching	
02.09.16	7	P.V.S.	I	Passive ckt element	Behaviour at low and high frequencies
03.09.16	7	P.V.S.	II	Filter	Design of LPF & HPF
05.09.16	8	P.V.S.	II	Attenuators	It's purpose
06.09.16	9	P.V.S.	III	Semiconductor physics	Generation
07.09.16	10	P.V.S.	III	Semiconductor physics	Continuity equation
08.09.16				Class Teaching	

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09.09.16	8	P.V.S.	I	Passive ckt element	Measurement of resistance
10.09.16	9	P.V.S.	II	Attenuators	Types of Attenuators
14.09.16	10	P.V.S.	II	Attenuators	Types of Attenuators
15.09.16	11	P.V.S.	III	Semiconductor physics	Metal junction
16.09.16	12	P.V.S.	III	Junction	Contact potential
20.09.16				Class Teaching	
21.09.16	9	P.V.S.	I	Transient analysis	LCR ckt to connected DC source
22.09.16	11	P.V.S.	II	Attenuators	Types of Attenuators
23.09.16	12	P.V.S.	II	Coupled ckt	Magnitically coupled
24.09.16	13	P.V.S.	III	Junction	Metal semiconductor junction
26.09.16	14	P.V.S.	III	Junction	p-n junction
27.09.16				Class Teaching/Test	
28.09.16	10	P.V.S.	I	T.A.	Vector impedance, admittance
29.09.16	13	P.V.S.	II	Coupled ckt	Magnitically coupled
03.10.16	14	P.V.S.	II	Coupled ckt	Leakage flux, leakage, indutance
04.10.16	15	P.V.S.	III	Junction	Width of depletion region
05.10.16	16	P.V.S.	III	Junction	Capacitance of depletion region
06.10.16				Class Teaching	
07.10.16	11	P.V.S.	I	T.A.	Phase angle, power factor
08.10.16	15	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
14.10.16	16	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
15.10.16	17	P.V.S.	III	Junction	Current flow in biased p-n junction
17.10.16	18	P.V.S.	III	Junction	Zener & avalanche
18.10.16				Class Teaching	
19.10.16	12	P.V.S.	I	T.A.	Series LCR ckt
20.10.16	17	P.V.S.	II	Transformer	Classification
21.10.16	18	P.V.S.	II	Transformer	Classification
22.10.16	19	P.V.S.	III	Junction	Zener diode
24.10.16	20	P.V.S.	III	Junction	Varactor diode
25.10.16				Class Teaching/Test	

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26.10.16	13	P.V.S.	I	T.A.	Series LCR ckt
02.11.16	19	P.V.S.	II	Transformer	Classification
03.11.16	20	P.V.S.	II	Transformer	Classification
04.11.16	21	P.V.S.	III	Junction	Photo diode
05.11.16	22	P.V.S.	III	Junction	LED
08.11.16				Class Teaching	
09.11.16	14	P.V.S.	I	T.A.	Parallel LCR ckt
10.11.16	21	P.V.S.	II	Transformer	Phase and frequency response
11.11.16	22	P.V.S.	II	Transformer	Over coupling
12.11.16	23	P.V.S.	III	Junction	Solar cell
15.11.16	24	P.V.S.	III	Transistor	BJT
17.11.16				Class Teaching	
18.11.16	15	P.V.S.	I	T.A.	Parallel LCR ckt
19.11.16	23	P.V.S.	II	Instruments	AC ammeter, voltmeter
21.11.16	24	P.V.S.	II	Instruments	VTVM
22.11.16	25	P.V.S.	III	Transistor	n-p-n
23.11.16	26	P.V.S.	III	Transistor	p-n-p
25.11.16				Class Teaching/Test	
26.11.16	16	P.V.S.	I	T.A.	Electrical impedance & admittance
28.11.16	25	P.V.S.	II	Instruments	Multimeter
29.11.16	27	P.V.S.	III	Transistor	Operation
30.11.16	28	P.V.S.	III	Transistor	Current flow in transistor
01.12.16	26	P.V.S.	II	Instruments	CRO
02.12.16				Class Teaching	
03.12.16	17	P.V.S.	I	T.A.	Half power points & Q
06.12.16	27	P.V.S.	II	Instruments	CRO
07.12.16	28	P.V.S.	II	Instruments	CRO
08.12.16	29	P.V.S.	III	Transistor	Characteristics
09.12.16	30	P.V.S.	III	Transistor	Characteristics
12.12.16				Class Teaching	

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14.12.16	18	P.V.S.	I	Network	Ckt elements
15.12.16	19	P.V.S.	I	Network	Kirchoff's law
16.12.16	20	P.V.S.	I	Network	Mesh equation
17.12.16	31	P.V.S.	III	Transistor	Characteristics
19.12.16	32	P.V.S.	III	Transistor	Parameters
20.12.16				Class Teaching/Test	
21.12.16	21	P.V.S.	I	Network	T-network
22.12.16	22	P.V.S.	I	Network	Π -network
24.12.16	23	P.V.S.	I	Network	Equivalence
26.12.16	33	P.V.S.	III	Transistor	FET
27.12.16	34	P.V.S.	III	Transistor	FET
28.12.16				Class Teaching/Test	
29.12.16	24	P.V.S.	I	Network	Equivalence
30.12.16	25	P.V.S.	I	Network	Equivalence
31.12.16	26	P.V.S.	I	Network	Bridge T-network
02.01.17	35	P.V.S.	III	Transistor	Mosfet
03.01.17	36	P.V.S.	III	Transistor	Mosfet
04.01.17				Class Teaching	
06.01.17	27	P.V.S.	I	Network	Symmetrical network
07.01.17	28	P.V.S.	I	Network theorem	Theorem for passive network into T-network
09.01.17	29	P.V.S.	I	Network theorem	Theorem for passive network into Π -network
10.01.17	37	P.V.S.	III	Transistor	SCR
11.01.17	38	P.V.S.	III	Transistor	SCR
12.01.17				Class Teaching	
13.01.17	30	P.V.S.	I	Network theorem	Super position
16.01.17	31	P.V.S.	I	Network theorem	Reciprocity
17.01.17	32	P.V.S.	I	Network theorem	Norton, maximum power
18.01.17	39	P.V.S.	III	Transistor	Photo transistor
19.01.17	40	P.V.S.	III	Transistor	UJT
20.01.17				Class Teaching	

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