

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

कक्षा : बी.एस-सी. भाग-एक			पाठ्यक्रम योजना : सत्र २०१८-१९		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
01.08.18	1	P.V.S.	I	Passive ckt elements	Ideal register, capacitor
02.08.18	1	P.V.S.	II	Filter	Input transfer impedance
03.08.18	2	P.V.S.	II	Filter	Symmetrical T & II network
04.08.18	1	P.V.S.	III	Electron emission & Tubes	Potential energy of electron & work function
06.08.18	2	P.V.S.	III	Electron emission & Tubes	Thermionic emission & space charge
07.08.18				Class Teaching	
08.08.18	2	P.V.S.	I	Passive ckt element	Inductors
09.08.18	3	P.V.S.	II	Filter	Impedance & propagation constant
10.08.18	3	P.V.S.	I	Passive ckt element	Their characteristics
11.08.18	3	P.V.S.	III	Electron emission & tubes	Physics of vacuum tubes
12.08.18	4	P.V.S.	III	Electron emission & tubes	Glow tubes, ignition
13.08.18				Class Teaching	
16.08.18	4	P.V.S.	I	Passive ckt element	Dielectric, eddy current, hysteresis losses
17.08.18	5	P.V.S.	I	Passive ckt element	Skin effect
18.08.18	4	P.V.S.	II	Filter	Theory of filter pass & attenuation band
20.08.18	5	P.V.S.	III	Semiconductor physics	Energy bands, semiconductor
21.08.18	6	P.V.S.	III	Semiconductor physics	Metal, insulator, intrinsic, extrinsic
23.08.18				Class Teaching/Test	
24.08.18	6	P.V.S.	I	Passive ckt element	Practical ckt elements their equivalent ckt
25.08.18	5	P.V.S.	II	Filter	Constant K, m-desired, L section filter
27.08.18	6	P.V.S.	II	Filter	Design of LPF & HPF
28.08.18	7	P.V.S.	III	Semiconductor physics	Extrinsic, drift current
29.08.18	8	P.V.S.	III	Semiconductor physics	Diffusion current recombination
30.08.18				Class Teaching	
01.09.18	7	P.V.S.	I	Passive ckt element	Behaviour at low and high frequencies
04.09.18	7	P.V.S.	II	Filter	Design of LPF & HPF
05.09.18	8	P.V.S.	II	Attenuators	It's purpose
06.09.18	9	P.V.S.	III	Semiconductor physics	Generation
07.09.18	10	P.V.S.	III	Semiconductor physics	Continuity equation
08.09.18				Class Teaching	

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10.09.18	8	P.V.S.	I	Passive ckt element	Measurement of resistance
11.09.18	9	P.V.S.	II	Attenuators	Types of Attenuators
12.09.18	10	P.V.S.	II	Attenuators	Types of Attenuators
13.09.18	11	P.V.S.	III	Semiconductor physics	Metal junction
14.09.18	12	P.V.S.	III	Junction	Contact potential
15.09.18				Class Teaching	
17.09.18	9	P.V.S.	I	Transient analysis	LCR ckt to connected DC source
18.09.18	11	P.V.S.	II	Attenuators	Types of Attenuators
19.09.18	12	P.V.S.	II	Coupled ckt	Magnitically coupled
20.09.18	13	P.V.S.	III	Junction	Metal semiconductor junction
22.09.18	14	P.V.S.	III	Junction	p-n junction
24.09.18				Class Teaching/Test	
25.09.18	10	P.V.S.	I	T.A.	Vector impedance, admittance
26.09.18	13	P.V.S.	II	Coupled ckt	Magnitically coupled
27.09.18	14	P.V.S.	II	Coupled ckt	Leakage flux, leakage, indutance
28.09.18	15	P.V.S.	III	Junction	Width of depletion region
01.10.18	16	P.V.S.	III	Junction	Capacitance of depletion region
03.10.18				Class Teaching	
04.10.18	11	P.V.S.	I	T.A.	Phase angle, power factor
05.10.18	15	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
06.10.18	16	P.V.S.	II	Coupled ckt	T-network of magnetically coupled
09.10.18	17	P.V.S.	III	Junction	Current flow in biased p-n junction
10.10.18	18	P.V.S.	III	Junction	Zener & avalanche
11.10.18				Class Teaching	
12.10.18	12	P.V.S.	I	T.A.	Series LCR ckt
13.10.18	17	P.V.S.	II	Transformer	Classification
15.10.18	18	P.V.S.	II	Transformer	Classification
16.10.18	19	P.V.S.	III	Junction	Zener diode
17.10.18	20	P.V.S.	III	Junction	Varactor diode
22.10.18				Class Teaching/Test	

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24.10.18	13	P.V.S.	I	T.A.	Series LCR ckt
25.10.18	19	P.V.S.	II	Transformer	Classification
26.10.18	20	P.V.S.	II	Transformer	Classification
27.10.18	21	P.V.S.	III	Junction	Photo diode
29.10.18	22	P.V.S.	III	Junction	LED
31.10.18				Class Teaching	
01.11.18	14	P.V.S.	I	T.A.	Parallel LCR ckt
02.11.18	21	P.V.S.	II	Transformer	Phase and frequency response
03.11.18	22	P.V.S.	II	Transformer	Over coupling
12.11.18	23	P.V.S.	III	Junction	Solar cell
13.11.18	24	P.V.S.	III	Transistor	BJT
14.11.18				Class Teaching	
15.11.18	15	P.V.S.	I	T.A.	Parallel LCR ckt
16.11.18	23	P.V.S.	II	Instruments	AC ammeter, voltmeter
17.11.18	24	P.V.S.	II	Instruments	VIVM
19.11.18	25	P.V.S.	III	Transistor	n-p-n
20.11.18	26	P.V.S.	III	Transistor	p-n-p
21.11.18				Class Teaching/Test	
22.11.18	16	P.V.S.	I	T.A.	Electrical impedance & admittance
23.11.18	25	P.V.S.	II	Instruments	Multimeter
24.11.18	27	P.V.S.	III	Transistor	Operation
26.11.18	28	P.V.S.	III	Transistor	Current flow in transistor
27.11.18	26	P.V.S.	II	Instruments	CRO
28.11.18				Class Teaching	
29.11.18	17	P.V.S.	I	T.A.	Half power points & Q
30.11.18	27	P.V.S.	II	Instruments	CRO
01.12.18	28	P.V.S.	II	Instruments	CRO
03.12.18	29	P.V.S.	III	Transistor	Characteristics
06.12.18	30	P.V.S.	III	Transistor	Characteristics
07.12.18				Class Teaching	

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08.12.18	18	P.V.S.	I	Network	Ckt elements
11.12.18	19	P.V.S.	I	Network	Kirchoff's law
12.12.18	20	P.V.S.	I	Network	Mesh equation
13.12.18	31	P.V.S.	III	Transistor	Characteristics
14.12.18	32	P.V.S.	III	Transistor	Parameters
15.12.18				Class Teaching/Test	
17.12.18	21	P.V.S.	I	Network	T-network
18.12.18	22	P.V.S.	I	Network	Π -network
19.12.18	23	P.V.S.	I	Network	Equivalence
20.12.18	33	P.V.S.	III	Transistor	FET
21.12.18	34	P.V.S.	III	Transistor	FET
22.12.18				Class Teaching/Test	
31.12.18	24	P.V.S.	I	Network	Equivalence
01.01.18	25	P.V.S.	I	Network	Equivalence
02.01.19	26	P.V.S.	I	Network	Bridge T-network
03.01.19	35	P.V.S.	III	Transistor	Mosfet
04.01.19	36	P.V.S.	III	Transistor	Mosfet
05.01.19				Class Teaching	
07.01.19	27	P.V.S.	I	Network	Symmetrical network
08.01.19	28	P.V.S.	I	Network theorem	Theorem for passive network into T-network
09.01.19	29	P.V.S.	I	Network theorem	Theorem for passive network into Π -network
10.01.19	37	P.V.S.	III	Transistor	SCR
11.01.19	38	P.V.S.	III	Transistor	SCR
12.01.19				Class Teaching	
17.01.19	30	P.V.S.	I	Network theorem	Super position
18.01.19	31	P.V.S.	I	Network theorem	Reciprocity
19.01.19	32	P.V.S.	I	Network theorem	Norton, maximum power
21.01.19	39	P.V.S.	III	Transistor	Photo transistor
23.01.19	40	P.V.S.	III	Transistor	UJT
24.01.19				Class Teaching	

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