

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

कक्षा : बी.एस.सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१७-२०१८		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
17.07.17	1	P.V. Singh	I	Introduction	Syllabus & books
18.07.17	2	P.V. Singh	I	Regulated power supply	Common requirements and sections
19.07.17	1	P.V. Singh	II	Power amplifiers	Untuned power amp
20.07.17	1	P.V. Singh	III	Modulators	Principles of AM
21.07.17	2	P.V. Singh	III	Modulators	Principles of angle modulation
22.07.17		P.V. Singh		Class Teaching	
24.07.17	3	P.V. Singh	I	Rectifier ckt	Half & full wave rectifier
25.07.17	4	P.V. Singh	I	Rectifier ckt	Bridge rectifier ckt with reinster lead
26.07.17	2	P.V. Singh	II	Power amp	Pushfull class A amp
27.07.17	3	P.V. Singh	III	Modulators	AM
29.07.17	4	P.V. Singh	III	Modulators	DSB & SSB
31.07.17		P.V. Singh		Class Teaching/ Test	
01.08.17	5	P.V. Singh	I	Rectifier ckt	Output de voltage & power
02.08.17	6	P.V. Singh	I	Rectifier ckt	Rectifier efficiency & ripple factor
03.08.17	3	P.V. Singh	II	Power Amp	Pishpull class B Amp
04.08.17	4	P.V. Singh	II	Modulators	Collector modulation ckt
05.08.17	5	P.V. Singh	III	Modulators	FET reactance anodulation
08.08.17		P.V. Singh		Class Teaching	
09.08.17	7	P.V. Singh	I	Rectifier ckt	Doubler, tripple
10.08.17	8	P.V. Singh	I	Rectifier cket	Deadrupler.
11.08.17	5	P.V. Singh	II	Power Amp	Phase instruments
12.08.17	6	P.V. Singh	III	Modulators	Armstron phraise modulator
13.08.17	7	P.V. Singh	III	Modulators	Vander Biju modulations
16.08.17				Class Teaching	
17.08.17	9	P.V. Singh	I	Filter ckt	Series inductor
18.08.17	10	P.V. Singh	I	Filter ckt	Shunl capacitor
19.08.17	6	P.V. Singh	II	Power Amp	Single & double femed voltage amp
20.08.17	8	P.V. Singh	III	Detectors	Synchromous detectern
22.08.17	9	P.V. Singh	III	Detectors	Envelopement Am dectectors
23.08.17		P.V. Singh		Class Teaching	

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24.08.17	11	P.V. Singh	I	Filter cket	Lection, rection
25.08.17	7	P.V. Singh	II	Power Amp	Tuned class B & Class C Amp
26.08.17	10	P.V. Singh	III	Detectors	Balance slope detector
28.08.17	11	P.V. Singh	III	Detectors	Faster seely distriminator
29.08.17		P.V. Singh		Class Teaching/ Test	
31.08.17	12	P.V. Singh	I	Filter ckt	Output DC Voltage
01.09.17	13	P.V. Singh	I	Filter ckt	Ripple factor
02.09.17	8	P.V. Singh	II	Audio Oscillators	Positive feedback & Back Hausen Criteria
05.09.17	12	P.V. Singh	III	Detectors	Ratio Detector
06.09.17	13	P.V. Singh	III	Radio Transmitter &	AM Transmitter
				Receiver	
07.09.17		P.V. Singh		Class Teaching	
08.09.17	14	P.V. Singh	I	Regulated Ckt	Load and line Regulation
09.09.17	15	P.V. Singh	I	Regulation Ckt	Stablization ratio, Internal Impdmce
11.09.17	9	P.V. Singh	II	Audio Oscillator	Phase shift & Wien bridge oscillator
12.09.17	14	P.V. Singh	III	Radio Trans & Reciever	FM Transmitter
13.09.17	15	P.V. Singh	III	Radio Trans & Reciever	Simple Radio Receiver
14.09.17		P.V. Singh		Class Teaching	
15.09.17	16	P.V. Singh	I	Regulated Ckt	Liner voltage regulator Ckt
16.09.17	17	P.V. Singh	I	Regulated Ckt	Series & Shunt Regulator
19.09.17	10	P.V. Singh	II	RF Oscillator	Tuned base & Collector
21.09.17	16	P.V. Singh	III	Radio Trans & Receiver	Super heterodyne radio receiver
22.09.17	17	P.V. Singh	III	Radio Terms & Receiver	AVC
23.09.17		P.V. Singh		Class Teaching/ Test	
25.09.17	18	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
26.09.17	19	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
27.09.17	11	P.V. Singh	II	Oscillator	Hartley & Calpitt Oscillator
03.10.17	18	P.V. Singh	III	Radio Tran & Receiver	AM Receiver
04.10.17	19	P.V. Singh	III	Radio Tran & Receiver	FM Receiver
06.10.17		P.V. Singh		Class Teaching	

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07.10.17	20	P.V. Singh	I	Controlled rectification	SMPS
09.10.17	21	P.V. Singh	I	Controlled rectification	Stability in SMPS
10.10.17	12	P.V. Singh	II	RF Oscillator	Negative Resistance Oscillator
11.10.17	20	P.V. Singh	III	Modulators	Numerical Problem
12.10.17	21	P.V. Singh	III	Modulators	Numerical Problem
13.10.17		P.V. Singh		Class Teaching	
14.10.17	22	P.V. Singh	I	Amplifiers	Basic Requirements & Principles
16.10.17	23	P.V. Singh	I	Biasing & Stability	Transistor AMP
23.10.17	13	P.V. Singh	II	RF Oscillator	Frequency stability
24.10.17	22	P.V. Singh	III	Television	Image Transmission
25.10.17	23	P.V. Singh	III	Television	Scanning sequence
26.10.17		P.V. Singh		Class Teaching/ Test	
27.10.17	24	P.V. Singh	I	Biasing & stability	Load Line & Q point
28.10.17	25	P.V. Singh	I	Biasing & stability	Thermal stability, Stability factors
30.10.17	14	P.V. Singh	II	RF Oscillator	Crystal Controlled Oscillator
31.10.17	24	P.V. Singh	III	Television	Synchronization
01.11.17	25	P.V. Singh	III	Television	TV Camera tubes
02.11.17		P.V. Singh		Class Teaching	
03.11.17	26	P.V. Singh	I	Biasing & Stability	Fixed Bias, Collector to base bias
07.11.17	27	P.V. Singh	I	Biasing & stability	Emitter bias
07.11.17	15	P.V. Singh	II	RF Oscillator	Miller Ckt
08.11.17	26	P.V. Singh	III	Television	TV Camera tubes
10.11.17	27	P.V. Singh	III	Television	Camera tubes
11.11.17		P.V. Singh		Class Teaching	
13.11.17	28	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
14.11.17	29	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
15.11.17	16	P.V. Singh	II	Microwave Generator	High frequency generation problems
16.11.17	28	P.V. Singh	III	Television	Television Transmitter
17.11.17	29	P.V. Singh	III	Television	Television Receiver
18.11.17		P.V. Singh		Class Teaching	

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20.11.17	30	P.V. Singh	I	SST Amp	SST Amp in different configuration
21.11.17	31	P.V. Singh	I	SST Amp	SST Amp in different Configuration
22.11.17	17	P.V. Singh	II	Microwave generator	Klystron Oscillator
23.11.17	30	P.V. Singh	III	Television	Color television
24.11.17	31	P.V. Singh	III	Television	Color television
25.11.17		P.V. Singh		Class Teaching/ Test	
27.11.17	32	P.V. Singh	I	SST amp	Z, Y & H parameters
28.11.17	33	P.V. Singh	I	SST amp	Z, Y & H parameters
29.11.17	18	P.V. Singh	II	microwave generator	TWT
30.11.17	32	P.V. Singh	III	Radar	Principal of Radar
01.12.17	33	P.V. Singh	III	Radar	Element of Radar system
02.12.17		P.V. Singh		Class Teaching	
03.12.17	34	P.V. Singh	I	SST amp	Noise & distortion in SST amp
06.12.17	35	P.V. Singh	I	Multistage amp	Cascading amp
07.12.17	19	P.V. Singh	II	Microwave generator	Gunn diode
08.12.17	34	P.V. Singh	III	Radar	Element of radar system
09.12.17	35	P.V. Singh	III	Radar	Basic Radar Equation
11.12.17		P.V. Singh		Class Teaching	
12.12.17	36	P.V. Singh	I	Multistage amp	Voltage gain, RC Coupled
13.12.17	37	P.V. Singh	I	Multistage amp	L-C & T-C amp
14.12.17	20	P.V. Singh	II	Microwave generator	Carciotron
15.12.17	36	P.V. Singh	III	Modulator	Frequency modulation
16.12.17	37	P.V. Singh	III	Modulator	Amplitude modulation
18.12.17		P.V. Singh		Class Teaching/ Test	
19.12.17	38	P.V. Singh	I	Multistage amp	Phase & Frequency response
20.12.17	39	P.V. Singh	I	Multistage amp	Bandwith
21.12.17	21	P.V. Singh	II	Microwave generator	Magnetron
22.12.17	38	P.V. Singh	III	Wide Band amp	Wide band voltage amp
23.12.17	39	P.V. Singh	III	Wide and amp	High & low frequency Compensation Ckt
26.12.17		P.V. Singh		Class Teaching	

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27.12.17	40	P.V. Singh	I	Negative feedback amp	Series C-E amp
28.12.17	41	P.V. Singh	I	Negative feedback amp	Shunt C-E amp
29.12.17	22	P.V. Singh	II	Microwave generator	Masers
30.12.17	40	P.V. Singh	III	Wide band amp	wide band single & double turned amp
01.01.18	41	P.V. Singh	III	Wide band amp	Video amp
02.01.18		P.V. Singh		Class Teaching	
03.01.18	42	P.V. Singh	I	Negative feedback amp	Emitter fallows Darling for pair
04.01.18	23	P.V. Singh	II	Wave Shaping Ckt	Integrating & Differentiating
05.01.18	24	P.V. Singh	II	Wave Shaping Ckt	Clipping Ckt
06.01.18	25	P.V. Singh	II	Wave Shaping Ckt	Clamping Ckt
08.01.18	26	P.V. Singh	II	Wave Shaping Ckt	Blocking Oscillator
09.01.18		P.V. Singh		Class Teaching	
10.01.18		P.V. Singh		Rivision	University Problems
11.01.18		P.V. Singh		Rivision	University Problems
12.01.18		P.V. Singh		Rivision	University Problems
16.01.18		P.V. Singh		Rivision	University Problems
17.01.18		P.V. Singh		Rivision	University Problems
18.01.18		P.V. Singh		Class Teaching/ Test	
19.01.18		P.V. Singh		Rivision	University Problems
20.01.18		P.V. Singh		Rivision	University Problems
22.01.18		P.V. Singh		Rivision	University Problems
23.01.18		P.V. Singh		Rivision	University Problems
24.01.18		P.V. Singh		Rivision	University Problems
25.01.18		P.V. Singh		Rivision	University Problems
27.01.18		P.V. Singh		Rivision	University Problems
29.01.18		P.V. Singh		Rivision	University Problems
30.01.18		P.V. Singh		Rivision	University Problems
31.01.18		P.V. Singh		Rivision	University Problems