

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

कक्षा : बी.एस.सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१६-२०१७		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.16	1	P.V. Singh	I	Introduction	Syllabus & books
18.07.16	2	P.V. Singh	I	Regulated power supply	Common requirements and sections
19.07.16	1	P.V. Singh	II	Power amplifiers	Untuned power amp
20.07.16	1	P.V. Singh	III	Modulators	Principles of AM
21.07.16	2	P.V. Singh	III	Modulators	Principles of angle modulation
22.07.16		P.V. Singh		Class Teaching	
23.07.16	3	P.V. Singh	I	Rectifier ckt	Half & full wave rectifier
25.07.16	4	P.V. Singh	I	Rectifier ckt	Bridge rectifier ckt with reinster lead
26.07.16	2	P.V. Singh	II	Power amp	Pushfull class A amp
27.07.16	3	P.V. Singh	III	Modulators	AM
28.07.16	4	P.V. Singh	III	Modulators	DSB & SSB
29.07.16		P.V. Singh		Class Teaching/ Test	
30.08.16	5	P.V. Singh	I	Rectifier ckt	Output de voltage & power
01.08.16	6	P.V. Singh	I	Rectifier ckt	Rectifier efficiency & ripple factor
02.08.16	3	P.V. Singh	II	Power Amp	Pishpull class B Amp
03.08.16	4	P.V. Singh	II	Modulators	Collector modulation ckt
04.08.16	5	P.V. Singh	III	Modulators	FET reactance anodulation
05.08.16		P.V. Singh		Class Teaching	
08.08.16	7	P.V. Singh	I	Rectifier ckt	Doubler, tripple
09.08.16	8	P.V. Singh	I	Rectifier cket	Deadrupler.
10.08.16	5	P.V. Singh	II	Power Amp	Phase instruments
11.08.16	6	P.V. Singh	III	Modulators	Armstron phrase modulator
12.08.16	7	P.V. Singh	III	Modulators	Vander Biju modulations
13.08.16				Class Teaching	
16.08.16	9	P.V. Singh	I	Filter ckt	Series inductor
17.08.16	10	P.V. Singh	I	Filter ckt	Shunl capacitor
19.08.16	6	P.V. Singh	II	Power Amp	Single & double femed voltage amp
20.08.16	8	P.V. Singh	III	Detectors	Synchromous detectern
22.08.16	9	P.V. Singh	III	Detectors	Envelopement Am dectectors
23.08.16		P.V. Singh		Class Teaching	

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24.08.16	11	P.V. Singh	I	Filter cket	Lection, rection
26.08.16	7	P.V. Singh	II	Power Amp	Tuned class B & Class C Amp
27.08.16	10	P.V. Singh	III	Detectors	Balance slope detector
29.08.16	11	P.V. Singh	III	Detectors	Faster seely distriminator
30.08.16		P.V. Singh		Class Teaching/ Test	
31.08.16	12	P.V. Singh	I	Filter ckt	Output DC Voltage
01.09.16	13	P.V. Singh	I	Filter ckt	Ripple factor
02.09.16	8	P.V. Singh	II	Audio Oscillators	Positive feedback & Back Hausen Criteria
03.09.16	12	P.V. Singh	III	Detectors	Ratio Detector
05.09.16	13	P.V. Singh	III	Radio Transmitter &	AM Transmitter
				Receiver	
06.09.16		P.V. Singh		Class Teaching	
07.09.16	14	P.V. Singh	I	Regulated Ckt	Load and line Regulation
08.09.16	15	P.V. Singh	I	Regulation Ckt	Stablization ratio, Internal Impdmce
09.09.16	9	P.V. Singh	II	Audio Oscillator	Phase shift & Wien bridge oscillator
10.09.16	14	P.V. Singh	III	Radio Trans & Reciever	FM Transmitter
14.09.16	15	P.V. Singh	III	Radio Trans & Reciever	Simple Radio Receiver
15.09.16		P.V. Singh		Class Teaching	
16.09.16	16	P.V. Singh	I	Regulated Ckt	Liner voltage regulator Ckt
20.09.16	17	P.V. Singh	I	Regulated Ckt	Series & Shunt Regulator
21.09.16	10	P.V. Singh	II	RF Oscillator	Tuned base & Collector
22.09.16	16	P.V. Singh	III	Radio Trans & Receiver	Super heterodyne radio receiver
23.09.16	17	P.V. Singh	III	Radio Terms & Receiver	AVC
24.09.16		P.V. Singh		Class Teaching/ Test	
26.09.16	18	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
27.09.16	19	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
28.09.16	11	P.V. Singh	II	Oscillator	Hartley & Calpitt Oscillator
29.09.16	18	P.V. Singh	III	Radio Tran & Receiver	AM Receiver
03.10.16	19	P.V. Singh	III	Radio Tran & Receiver	FM Receiver
04.10.16		P.V. Singh		Class Teaching	

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05.10.16	20	P.V. Singh	I	Controlled rectification	SMPS
06.10.16	21	P.V. Singh	I	Controlled rectification	Stability in SMPS
07.10.16	12	P.V. Singh	II	RF Oscillator	Negative Resistance Oscillator
08.10.16	20	P.V. Singh	III	Modulators	Numerical Problem
14.10.16	21	P.V. Singh	III	Modulators	Numerical Problem
15.10.16		P.V. Singh		Class Teaching	
17.10.16	22	P.V. Singh	I	Amplifiers	Basic Requirements & Principles
18.10.16	23	P.V. Singh	I	Biasing & Stability	Transistor AMP
19.10.16	13	P.V. Singh	II	RF Oscillator	Frequency stability
20.10.16	22	P.V. Singh	III	Television	Image Transmission
21.10.16	23	P.V. Singh	III	Television	Scanning sequence
22.10.16		P.V. Singh		Class Teaching/ Test	
24.10.16	24	P.V. Singh	I	Biasing & stability	Load Line & Q point
25.10.16	25	P.V. Singh	I	Biasing & stability	Thermal stability, Stability factors
26.10.16	14	P.V. Singh	II	RF Oscillator	Crystal Controlled Oscillator
02.11.16	24	P.V. Singh	III	Television	Synchronization
03.11.16	25	P.V. Singh	III	Television	TV Camera tubes
04.11.16		P.V. Singh		Class Teaching	
05.11.16	26	P.V. Singh	I	Biasing & Stability	Fixed Bias, Collector to base bias
08.11.16	27	P.V. Singh	I	Biasing & stability	Emitter bias
09.11.16	15	P.V. Singh	II	RF Oscillator	Miller Ckt
10.11.16	26	P.V. Singh	III	Television	TV Camera tubes
11.11.16	27	P.V. Singh	III	Television	Camera tubes
12.11.16		P.V. Singh		Class Teaching	
15.11.16	28	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
17.11.16	29	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
18.11.16	16	P.V. Singh	II	Microwave Generator	High frequency generation problems
19.11.16	28	P.V. Singh	III	Television	Television Transmitter
21.11.16	29	P.V. Singh	III	Television	Television Receiver
22.11.16		P.V. Singh		Class Teaching	

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23.11.16	30	P.V. Singh	I	SST Amp	SST Amp in different configuration
25.11.16	31	P.V. Singh	I	SST Amp	SST Amp in different Configuration
26.11.16	17	P.V. Singh	II	Microwave generator	Klystron Oscillator
28.11.16	30	P.V. Singh	III	Television	Color television
29.11.16	31	P.V. Singh	III	Television	Color television
30.11.16		P.V. Singh		Class Teaching/ Test	
01.12.16	32	P.V. Singh	I	SST amp	Z, Y & H parameters
02.12.16	33	P.V. Singh	I	SST amp	Z, Y & H parameters
03.12.16	18	P.V. Singh	II	microwave generator	TWT
06.12.16	32	P.V. Singh	III	Radar	Principal of Radar
07.12.16	33	P.V. Singh	III	Radar	Element of Radar system
08.12.16		P.V. Singh		Class Teaching	
09.12.16	34	P.V. Singh	I	SST amp	Noise & distortion in SST amp
12.12.16	35	P.V. Singh	I	Multistage amp	Cascading amp
14.12.16	19	P.V. Singh	II	Microwave generator	Gunn diode
15.12.16	34	P.V. Singh	III	Radar	Element of radar system
16.12.16	35	P.V. Singh	III	Radar	Basic Radar Equation
17.12.16		P.V. Singh		Class Teaching	
19.12.16	36	P.V. Singh	I	Multistage amp	Voltage gain, RC Coupled
20.12.16	37	P.V. Singh	I	Multistage amp	L-C & T-C amp
21.12.16	20	P.V. Singh	II	Microwave generator	Carciotron
22.12.16	36	P.V. Singh	III	Modulator	Frequency modulation
24.12.16	37	P.V. Singh	III	Modulator	Amplitude modulation
26.12.16		P.V. Singh		Class Teaching/ Test	
27.12.16	38	P.V. Singh	I	Multistage amp	Phase & Frequency response
28.12.16	39	P.V. Singh	I	Multistage amp	Bandwith
29.12.16	21	P.V. Singh	II	Microwave generator	Magnetron
30.12.16	38	P.V. Singh	III	Wide Band amp	Wide band voltage amp
31.12.16	39	P.V. Singh	III	Wide and amp	High & low frequency Compensation Ckt
02.01.17		P.V. Singh		Class Teaching	

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03.01.17	40	P.V. Singh	I	Negative feedback amp	Series C-E amp
04.01.17	41	P.V. Singh	I	Negative feedback amp	Shunt C-E amp
06.01.17	22	P.V. Singh	II	Microwave generator	Masers
07.01.17	40	P.V. Singh	III	Wide band amp	wide band single & double turned amp
09.01.17	41	P.V. Singh	III	Wide band amp	Video amp
10.01.17		P.V. Singh		Class Teaching	
11.01.17	42	P.V. Singh	I	Negative feedback amp	Emitter fallowes Darling for pair
12.01.17	23	P.V. Singh	II	Wave Shaping Ckt	Integrating & Differentiating
13.01.17	24	P.V. Singh	II	Wave Shaping Ckt	Clipping Ckt
16.01.17	25	P.V. Singh	II	Wave Shaping Ckt	Clamping Ckt
17.01.17	26	P.V. Singh	II	Wave Shaping Ckt	Blocking Oscillator
18.01.17		P.V. Singh		Class Teaching	
19.01.17		P.V. Singh		Rivision	University Problems
20.01.17		P.V. Singh		Rivision	University Problems
21.01.17		P.V. Singh		Rivision	University Problems
23.01.17		P.V. Singh		Rivision	University Problems
24.01.17		P.V. Singh		Rivision	University Problems
25.01.17		P.V. Singh		Class Teaching/ Test	
27.01.17		P.V. Singh		Rivision	University Problems
28.01.17		P.V. Singh		Rivision	University Problems
30.01.17		P.V. Singh		Rivision	University Problems
31.01.17		P.V. Singh		Rivision	University Problems