

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

कक्षा : बी.एस.सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१६-२०२०		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.19	1	P.V. Singh	I	Introduction	Syllabus & books
17.07.19	2	P.V. Singh	I	Regulated power supply	Common requirements and sections
18.07.19	1	P.V. Singh	II	Power amplifiers	Untuned power amp
19.07.19	1	P.V. Singh	III	Modulators	Principles of AM
20.07.19	2	P.V. Singh	III	Modulators	Principles of angle modulation
22.07.19		P.V. Singh		Class Teaching	
23.07.19	3	P.V. Singh	I	Rectifier ckt	Half & full wave rectifier
24.07.19	4	P.V. Singh	I	Rectifier ckt	Bridge rectifier ckt with reinster lead
25.07.19	2	P.V. Singh	II	Power amp	Pushfull class A amp
26.07.19	3	P.V. Singh	III	Modulators	AM
27.07.19	4	P.V. Singh	III	Modulators	DSB & SSB
29.07.19		P.V. Singh		Class Teaching/ Test	
30.07.19	5	P.V. Singh	I	Rectifier ckt	Output de voltage & power
31.07.19	6	P.V. Singh	I	Rectifier ckt	Rectifier efficiency & ripple factor
01.08.19	3	P.V. Singh	II	Power Amp	Pishpull class B Amp
02.08.19	4	P.V. Singh	II	Modulators	Collector modulation ckt
03.08.19	5	P.V. Singh	III	Modulators	FET reactance anodulation
06.08.19		P.V. Singh		Class Teaching	
07.08.19	7	P.V. Singh	I	Rectifier ckt	Doubler, tripple
08.08.19	8	P.V. Singh	I	Rectifier cket	Deadrupler.
09.08.19	5	P.V. Singh	II	Power Amp	Phase instruments
10.08.19	6	P.V. Singh	III	Modulators	Armstron phrase modulator
13.08.19	7	P.V. Singh	III	Modulators	Vander Biju modulations
14.08.19				Class Teaching	
16.08.19	9	P.V. Singh	I	Filter ckt	Series inductor
17.08.19	10	P.V. Singh	I	Filter ckt	Shunl capacitor
19.08.19	6	P.V. Singh	II	Power Amp	Single & double femed voltage amp
20.08.19	8	P.V. Singh	III	Detectors	Synchromous detectern
21.08.19	9	P.V. Singh	III	Detectors	Envelopment Am dectectors
22.08.19		P.V. Singh		Class Teaching	

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24.08.19	11	P.V. Singh	I	Filter cket	Lecton, rection
26.08.19	7	P.V. Singh	II	Power Amp	Tuned class B & Class C Amp
27.08.19	10	P.V. Singh	III	Detectors	Balance slope detector
28.08.19	11	P.V. Singh	III	Detectors	Faster seely distriminator
29.08.19		P.V. Singh		Class Teaching/ Test	
30.08.19	12	P.V. Singh	I	Filter ckt	Output DC Voltage
02.09.19	13	P.V. Singh	I	Filter ckt	Ripple factor
03.09.19	8	P.V. Singh	II	Audio Oscillators	Positive feedback & Back Hausen Criteria
04.09.19	12	P.V. Singh	III	Detectors	Ratio Detector
05.09.19	13	P.V. Singh	III	Radio Transmitter & Receiver	AM Transmitter
06.09.19		P.V. Singh		Class Teaching	
07.09.19	14	P.V. Singh	I	Regulated Ckt	Load and line Regulation
09.09.1	15	P.V. Singh	I	Regulation Ckt	Stablization ratio, Internal Impdmce
11.09.19	9	P.V. Singh	II	Audio Oscillator	Phase shift & Wien bridge oscillator
13.09.19	14	P.V. Singh	III	Radio Trans & Reciever	FM Transmitter
14.09.19	15	P.V. Singh	III	Radio Trans & Reciever	Simple Radio Receiver
16.09.19		P.V. Singh		Class Teaching	
17.09.19	16	P.V. Singh	I	Regulated Ckt	Liner voltage regulator Ckt
19.09.19	17	P.V. Singh	I	Regulated Ckt	Series & Shunt Regulator
20.09.19	10	P.V. Singh	II	RF Oscillator	Tuned base & Collector
21.09.19	16	P.V. Singh	III	Radio Trans & Receiver	Super heterodyne radio receiver
23.09.19	17	P.V. Singh	III	Radio Terms & Receiver	AVC
24.09.19		P.V. Singh		Class Teaching/ Test	
25.09.19	18	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
26.09.19	19	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
27.09.19	11	P.V. Singh	II	Oscillator	Hartley & Calpitt Oscillator
30.09.19	18	P.V. Singh	III	Radio Tran & Receiver	AM Receiver
01.10.19	19	P.V. Singh	III	Radio Tran & Receiver	FM Receiver
03.10.19		P.V. Singh		Class Teaching	
04.10.19	20	P.V. Singh	I	Controlled reclification	SMPS

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05.10.19	21	P.V. Singh	I	Controlled rectification	Stability in SMPS
12.10.19	12	P.V. Singh	II	RF Oscillator	Negative Resistance Oscillator
14.10.19	20	P.V. Singh	III	Modulators	Numerical Problem
15.10.19	21	P.V. Singh	III	Modulators	Numerical Problem
16.10.19		P.V. Singh		Class Teaching	
17.10.19	22	P.V. Singh	I	Amplifiers	Basic Requirements & Principles
18.10.19	23	P.V. Singh	I	Biasing & Stability	Transistor AMP
21.10.19	13	P.V. Singh	II	RF Oscillator	Frequency stability
22.10.19	22	P.V. Singh	III	Television	Image Transmission
23.10.19	23	P.V. Singh	III	Television	Scanning sequence
30.10.19		P.V. Singh		Class Teaching/ Test	
31.10.19	24	P.V. Singh	I	Biasing & stability	Load Line & Q point
01.11.19	25	P.V. Singh	I	Biasing & stability	Thermal stability, Stability factors
04.11.19	14	P.V. Singh	II	RF Oscillator	Crystal Controlled Oscillator
05.11.19	24	P.V. Singh	III	Television	Synchronization
06.11.19	25	P.V. Singh	III	Television	TV Camera tubes
07.11.19		P.V. Singh		Class Teaching	
09.11.19	26	P.V. Singh	I	Biasing & Stability	Fixed Bias, Collector to base bias
11.11.19	27	P.V. Singh	I	Biasing & stability	Emitter bias
13.11.19	15	P.V. Singh	II	RF Oscillator	Miller Ckt
14.11.19	26	P.V. Singh	III	Television	TV Camera tubes
15.11.19	27	P.V. Singh	III	Television	Camera tubes
16.11.19		P.V. Singh		Class Teaching	
18.11.19	28	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
19.11.19	29	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
20.11.19	16	P.V. Singh	II	Microwave Generator	High frequency generation problems
21.11.19	28	P.V. Singh	III	Television	Television Transmitter
22.11.19	29	P.V. Singh	III	Television	Television Receiver
23.11.19		P.V. Singh		Class Teaching	
25.11.19	30	P.V. Singh	I	SST Amp	SST Amp in different configuration

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26.11.19	31	P.V. Singh	I	SST Amp	SST Amp in different Configuration
27.11.19	17	P.V. Singh	II	Microwave generator	Klystron Oscillator
28.11.19	30	P.V. Singh	III	Television	Color television
29.11.19	31	P.V. Singh	III	Television	Color television
30.11.19		P.V. Singh		Class Teaching/ Test	
02.12.19	32	P.V. Singh	I	SST amp	Z, Y & H parameters
03.12.19	33	P.V. Singh	I	SST amp	Z, Y & H parameters
07.12.19	18	P.V. Singh	II	microwave generator	TWT
09.12.19	32	P.V. Singh	III	Radar	Principal of Radar
11.12.19	33	P.V. Singh	III	Radar	Element of Radar system
12.12.19		P.V. Singh		Class Teaching	
13.12.19	34	P.V. Singh	I	SST amp	Noise & distortion in SST amp
14.12.19	35	P.V. Singh	I	Multistage amp	Cascading amp
16.12.19	19	P.V. Singh	II	Microwave generator	Gunn diode
17.12.19	34	P.V. Singh	III	Radar	Element of radar system
18.12.19	35	P.V. Singh	III	Radar	Basic Radar Equation
19.12.19		P.V. Singh		Class Teaching	
20.12.19	36	P.V. Singh	I	Multistage amp	Voltage gain, RC Coupled
21.12.19	37	P.V. Singh	I	Multistage amp	L-C & T-C amp
23.12.19	20	P.V. Singh	II	Microwave generator	Carciotron
24.12.19	36	P.V. Singh	III	Modulator	Frequency modulation
26.12.19	37	P.V. Singh	III	Modulator	Amplitude modulation
27.12.19		P.V. Singh		Class Teaching/ Test	
28.12.19	38	P.V. Singh	I	Multistage amp	Phase & Frequency response
30.12.19	39	P.V. Singh	I	Multistage amp	Bandwith
31.12.19	21	P.V. Singh	II	Microwave generator	Magnetron
01.01.20	38	P.V. Singh	III	Wide Band amp	Wide band voltage amp
02.01.20	39	P.V. Singh	III	Wide and amp	High & low frequency Compensation Ckt
03.01.20		P.V. Singh		Class Teaching	
04.01.20	40	P.V. Singh	I	Negative feedback amp	Series C-E amp

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