

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

कक्षा : बी.एस.सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१८-२०१९		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.18	1	P.V. Singh	I	Introduction	Syllabus & books
17.07.18	2	P.V. Singh	I	Regulated power supply	Common requirements and sections
18.07.18	1	P.V. Singh	II	Power amplifiers	Untuned power amp
19.07.18	1	P.V. Singh	III	Modulators	Principles of AM
20.07.18	2	P.V. Singh	III	Modulators	Principles of angle modulation
21.07.18		P.V. Singh		Class Teaching	
23.07.18	3	P.V. Singh	I	Rectifier ckt	Half & full wave rectifier
24.07.18	4	P.V. Singh	I	Rectifier ckt	Bridge rectifier ckt with reinster lead
25.07.18	2	P.V. Singh	II	Power amp	Pushfull class A amp
26.07.18	3	P.V. Singh	III	Modulators	AM
27.07.18	4	P.V. Singh	III	Modulators	DSB & SSB
28.07.18		P.V. Singh		Class Teaching/ Test	
30.07.18	5	P.V. Singh	I	Rectifier ckt	Output de voltage & power
31.07.18	6	P.V. Singh	I	Rectifier ckt	Rectifier efficiency & ripple factor
01.08.18	3	P.V. Singh	II	Power Amp	Pishpull class B Amp
02.08.18	4	P.V. Singh	II	Modulators	Collector modulation ckt
03.08.18	5	P.V. Singh	III	Modulators	FET reactance anodulation
04.08.18		P.V. Singh		Class Teaching	
06.08.18	7	P.V. Singh	I	Rectifier ckt	Doubler, tripple
07.08.18	8	P.V. Singh	I	Rectifier cket	Deadrupler.
08.08.18	5	P.V. Singh	II	Power Amp	Phase instruments
09.08.18	6	P.V. Singh	III	Modulators	Armstron phrase modulator
10.08.18	7	P.V. Singh	III	Modulators	Vander Biju modulations
11.08.18				Class Teaching	
12.08.18	9	P.V. Singh	I	Filter ckt	Series inductor
13.08.18	10	P.V. Singh	I	Filter ckt	Shunl capacitor
16.08.18	6	P.V. Singh	II	Power Amp	Single & double femed voltage amp
17.08.18	8	P.V. Singh	III	Detectors	Synchromous detectern
18.08.18	9	P.V. Singh	III	Detectors	Envelopment Am dectectors
20.08.18		P.V. Singh		Class Teaching	

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21.08.18	11	P.V. Singh	I	Filter cket	Lection, rection
23.08.18	7	P.V. Singh	II	Power Amp	Tuned class B & Class C Amp
24.08.18	10	P.V. Singh	III	Detectors	Balance slope detector
25.08.18	11	P.V. Singh	III	Detectors	Faster seely distriminator
27.08.18		P.V. Singh		Class Teaching/ Test	
28.08.18	12	P.V. Singh	I	Filter ckt	Output DC Voltage
29.08.18	13	P.V. Singh	I	Filter ckt	Ripple factor
30.08.18	8	P.V. Singh	II	Audio Oscillators	Positive feedback & Back Hausen Criteria
01.09.18	12	P.V. Singh	III	Detectors	Ratio Detector
04.09.18	13	P.V. Singh	III	Radio Transmitter & Receiver	AM Transmitter
05.09.18		P.V. Singh		Class Teaching	
06.09.18	14	P.V. Singh	I	Regulated Ckt	Load and line Regulation
07.09.18	15	P.V. Singh	I	Regulation Ckt	Stablization ratio, Internal Impdmce
08.09.18	9	P.V. Singh	II	Audio Oscillator	Phase shift & Wien bridge oscillator
10.09.18	14	P.V. Singh	III	Radio Trans & Reciever	FM Transmitter
11.09.18	15	P.V. Singh	III	Radio Trans & Reciever	Simple Radio Receiver
12.09.18		P.V. Singh		Class Teaching	
13.09.18	16	P.V. Singh	I	Regulated Ckt	Liner voltage regulator Ckt
14.09.18	17	P.V. Singh	I	Regulated Ckt	Series & Shunt Regulator
15.09.18	10	P.V. Singh	II	RF Oscillator	Tuned base & Collector
17.09.18	16	P.V. Singh	III	Radio Trans & Receiver	Super heterodyne radio receiver
18.09.18	17	P.V. Singh	III	Radio Terms & Receiver	AVC
19.09.18		P.V. Singh		Class Teaching/ Test	
20.09.18	18	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
22.09.18	19	P.V. Singh	I	Controlled Reclifications	SCR Half Wave
24.09.18	11	P.V. Singh	II	Oscillator	Hartley & Calpitt Oscillator
25.09.18	18	P.V. Singh	III	Radio Tran & Receiver	AM Receiver
26.09.18	19	P.V. Singh	III	Radio Tran & Receiver	FM Receiver
27.09.18		P.V. Singh		Class Teaching	
28.09.18	20	P.V. Singh	I	Controlled reclification	SMPS

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01.10.18	21	P.V. Singh	I	Controlled rectification	Stability in SMPS
03.10.18	12	P.V. Singh	II	RF Oscillator	Negative Resistance Oscillator
04.10.18	20	P.V. Singh	III	Modulators	Numerical Problem
05.10.18	21	P.V. Singh	III	Modulators	Numerical Problem
06.10.18		P.V. Singh		Class Teaching	
09.10.18	22	P.V. Singh	I	Amplifiers	Basic Requirements & Principles
10.10.18	23	P.V. Singh	I	Biasing & Stability	Transistor AMP
11.10.18	13	P.V. Singh	II	RF Oscillator	Frequency stability
12.10.18	22	P.V. Singh	III	Television	Image Transmission
13.10.18	23	P.V. Singh	III	Television	Scanning sequence
15.10.18		P.V. Singh		Class Teaching/ Test	
16.10.18	24	P.V. Singh	I	Biasing & stability	Load Line & Q point
17.10.18	25	P.V. Singh	I	Biasing & stability	Thermal stability, Stability factors
22.10.18	14	P.V. Singh	II	RF Oscillator	Crystal Controlled Oscillator
24.10.18	24	P.V. Singh	III	Television	Synchronization
25.10.18	25	P.V. Singh	III	Television	TV Camera tubes
26.10.18		P.V. Singh		Class Teaching	
27.10.18	26	P.V. Singh	I	Biasing & Stability	Fixed Bias, Collector to base bias
29.10.18	27	P.V. Singh	I	Biasing & stability	Emitter bias
31.10.18	15	P.V. Singh	II	RF Oscillator	Miller Ckt
01.11.18	26	P.V. Singh	III	Television	TV Camera tubes
02.11.18	27	P.V. Singh	III	Television	Camera tubes
03.11.18		P.V. Singh		Class Teaching	
12.11.18	28	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
13.11.18	29	P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
14.11.18	16	P.V. Singh	II	Microwave Generator	High frequency generation problems
15.11.18	28	P.V. Singh	III	Television	Television Transmitter
16.11.18	29	P.V. Singh	III	Television	Television Receiver
17.11.18		P.V. Singh		Class Teaching	
19.11.18	30	P.V. Singh	I	SST Amp	SST Amp in different configuration

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20.11.18	31	P.V. Singh	I	SST Amp	SST Amp in different Configuration
21.11.18	17	P.V. Singh	II	Microwave generator	Klystron Oscillator
22.11.18	30	P.V. Singh	III	Television	Color television
23.11.18	31	P.V. Singh	III	Television	Color television
24.11.18		P.V. Singh		Class Teaching/ Test	
26.11.18	32	P.V. Singh	I	SST amp	Z, Y & H parameters
27.11.18	33	P.V. Singh	I	SST amp	Z, Y & H parameters
28.11.18	18	P.V. Singh	II	microwave generator	TWT
29.11.18	32	P.V. Singh	III	Radar	Principal of Radar
30.11.18	33	P.V. Singh	III	Radar	Element of Radar system
01.12.18		P.V. Singh		Class Teaching	
03.12.18	34	P.V. Singh	I	SST amp	Noise & distortion in SST amp
06.12.18	35	P.V. Singh	I	Multistage amp	Cascading amp
07.12.18	19	P.V. Singh	II	Microwave generator	Gunn diode
08.12.18	34	P.V. Singh	III	Radar	Element of radar system
11.12.18	35	P.V. Singh	III	Radar	Basic Radar Equation
12.12.18		P.V. Singh		Class Teaching	
13.12.18	36	P.V. Singh	I	Multistage amp	Voltage gain, RC Coupled
14.12.18	37	P.V. Singh	I	Multistage amp	L-C & T-C amp
15.12.18	20	P.V. Singh	II	Microwave generator	Carciotron
17.12.18	36	P.V. Singh	III	Modulator	Frequency modulation
18.12.18	37	P.V. Singh	III	Modulator	Amplitude modulation
19.12.18		P.V. Singh		Class Teaching/ Test	
20.12.18	38	P.V. Singh	I	Multistage amp	Phase & Frequency response
21.12.18	39	P.V. Singh	I	Multistage amp	Bandwith
22.12.18	21	P.V. Singh	II	Microwave generator	Magnetron
31.12.18	38	P.V. Singh	III	Wide Band amp	Wide band voltage amp
01.01.19	39	P.V. Singh	III	Wide and amp	High & low frequency Compensation Ckt
02.01.19		P.V. Singh		Class Teaching	
03.01.19	40	P.V. Singh	I	Negative feedback amp	Series C-E amp

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