

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

कक्षा : बी.एस.सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१५-२०१६		विषय : इलेक्ट्रानिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.15		P.V. Singh	I	Introduction	Syllabus & books
20.07.15		P.V. Singh	I	Regulated power supply	Common requirements and sections
21.07.15		P.V. Singh	II	Power amplifiers	Untuned power amp
22.07.15		P.V. Singh	III	Modulators	Principles of AM
23.07.15		P.V. Singh	III	Modulators	Principles of angle modulation
24.07.15		P.V. Singh		Class Teaching	
25.07.15		P.V. Singh	I	Rectifier ckt	Half & full wave rectifier
27.07.15		P.V. Singh	I	Rectifier ckt	Bridge rectifier ckt with reinster lead
28.07.15		P.V. Singh	II	Power amp	Pushfull class A amp
29.07.15		P.V. Singh	III	Modulators	AM
30.07.15		P.V. Singh	III	Modulators	DSB & SSB
31.07.15		P.V. Singh		Class Teaching	
01.08.15		P.V. Singh	I	Rectifier ckt	Output de voltage & power
03.08.15		P.V. Singh	I	Rectifier ckt	Rectifier efficiency & ripple factor
04.08.15		P.V. Singh	II	Power Amp	Pishpull class B Amp
05.08.15		P.V. Singh	II	Modulators	Collector modulation ckt
06.08.15		P.V. Singh	III	Modulators	FET reactance anodulation
07.08.15		P.V. Singh		Class Teaching	
08.08.15		P.V. Singh	I	Rectifier ckt	Doubler, tripple
10.08.15		P.V. Singh	I	Rectifier cket	Deadrupler.
11.08.15		P.V. Singh	II	Power Amp	Phase instruments
12.08.15		P.V. Singh	III	Modulators	Armstron phrase modulator
13.08.15		P.V. Singh	III	Modulators	Vander Biju modulations
14.08.15				Class Teaching	
17.08.15		P.V. Singh	I	Filter ckt	Series inductor
18.08.15		P.V. Singh	I	Filter ckt	Shunl capacitor
20.08.15		P.V. Singh	II	Power Amp	Single & double femed voltage amp
21.08.15		P.V. Singh	III	Detectors	Synchromous detectern
22.08.15		P.V. Singh	III	Detectors	Envelopement Am dectectors
23.08.15		P.V. Singh		Class Teaching	

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24.08.15		P.V. Singh	I	Filter cket	Lection, rection
26.08.15		P.V. Singh	II	Power Amp	Tuned class B & Class C Amp
27.08.15		P.V. Singh	III	Detectors	Balance slope detector
31.08.15		P.V. Singh	III	Detectors	Faster seely distriminator
01.09.15		P.V. Singh		Class Teaching	
03.09.15		P.V. Singh	I	Filter ckt	Output DC Voltage
04.09.15		P.V. Singh	I	Filter ckt	Ripple factor
07.09.15		P.V. Singh	II	Audio Oscillators	Positive feedback & Back Hausen Criteria
08.09.15		P.V. Singh	III	Detectors	Ratio Detector
09.09.15		P.V. Singh	III	Radio Transmitter &	AM Transmitter
				Receiver	
10.09.15		P.V. Singh		Class Teaching	
11.09.15		P.V. Singh	I	Regulated Ckt	Load and line Regulation
12.09.15		P.V. Singh	I	Regulation Ckt	Stablization ratio, Internal Impdmce
14.09.15		P.V. Singh	II	Audio Oscillator	Phase shift & Wien bridge oscillator
15.09.15		P.V. Singh	III	Radio Trans & Reciever	FM Transmitter
16.09.15		P.V. Singh	III	Radio Trans & Reciever	Simple Radio Receiver
18.09.15		P.V. Singh		Class Teaching	
19.09.15		P.V. Singh	I	Regulated Ckt	Liner voltage regulator Ckt
21.09.15		P.V. Singh	I	Regulated Ckt	Series & Shunt Regulator
22.09.15		P.V. Singh	II	RF Oscillator	Tuned base & Collector
23.09.15		P.V. Singh	III	Radio Trans & Receiver	Super heterodyne radio receiver
24.09.15		P.V. Singh	III	Radio Terms & Receiver	AVC
26.09.15		P.V. Singh		Class Teaching	
28.09.15		P.V. Singh	I	Controlled Reclifications	SCR Half Wave
29.09.15		P.V. Singh	I	Controlled Reclifications	SCR Half Wave
01.10.15		P.V. Singh	II	Oscillator	Hartley & Calpitt Oscillator
03.10.15		P.V. Singh	III	Radio Tran & Receiver	AM Receiver
05.10.15		P.V. Singh	III	Radio Tran & Receiver	FM Receiver
06.10.15		P.V. Singh		Class Teaching	

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07.10.15		P.V. Singh	I	Controlled rectification	SMPS
08.10.15		P.V. Singh	I	Controlled rectification	Stability in SMPS
09.10.15		P.V. Singh	II	RF Oscillator	Negative Resistance Oscillator
10.10.15		P.V. Singh	III	Modulators	Numerical Problem
14.10.15		P.V. Singh	III	Modulators	Numerical Problem
15.10.15		P.V. Singh		Class Teaching	
16.10.15		P.V. Singh	I	Amplifiers	Basic Requirements & Principles
17.10.15		P.V. Singh	I	Biasing & Stability	Transistor AMP
19.10.15		P.V. Singh	II	RF Oscillator	Frequency stability
28.10.15		P.V. Singh	III	Television	Image Transmission
29.10.15		P.V. Singh	III	Television	Scanning sequence
30.10.15		P.V. Singh		Class Teaching	
31.10.15		P.V. Singh	I	Biasing & stability	Load Line & Q point
02.11.15		P.V. Singh	I	Biasing & stability	Thermal stability, Stability factors
03.11.15		P.V. Singh	II	RF Oscillator	Crystal Controlled Oscillator
04.11.15		P.V. Singh	III	Television	Synchronization
05.11.15		P.V. Singh	III	Television	TV Camera tubes
06.11.15		P.V. Singh		Class Teaching	
07.11.15		P.V. Singh	I	Biasing & Stability	Fixed Bias, Collector to base bias
14.11.15		P.V. Singh	I	Biasing & stability	Emitter bias
16.11.15		P.V. Singh	II	RF Oscillator	Miller Ckt
18.11.15		P.V. Singh	III	Television	TV Camera tubes
19.11.15		P.V. Singh	III	Television	Camera tubes
20.11.15		P.V. Singh		Class Teaching	
21.11.15		P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
23.11.15		P.V. Singh	I	Biasing & Stability	Voltage divider bias Ckt
24.11.15		P.V. Singh	II	Microwave Generator	High frequency generation problems
25.11.15		P.V. Singh	III	Television	Television Transmitter
26.11.15		P.V. Singh	III	Television	Television Receiver
27.11.15		P.V. Singh		Class Teaching	

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28.11.15		P.V. Singh	I	SST Amp	SST Amp in different configuration
30.11.15		P.V. Singh	I	SST Amp	SST Amp in different Configuration
01.12.15		P.V. Singh	II	Microwave generator	Klystron Oscillator
03.12.15		P.V. Singh	III	Television	Color television
07.12.15		P.V. Singh	III	Television	Color television
08.12.15		P.V. Singh		Class Teaching	
09.12.15		P.V. Singh	I	SST amp	Z, Y & H parameters
11.12.15		P.V. Singh	I	SST amp	Z, Y & H parameters
12.12.15		P.V. Singh	II	microwave generator	TWT
14.12.15		P.V. Singh	III	Radar	Principal of Radar
15.12.15		P.V. Singh	III	Radar	Element of Radar system
16.12.15		P.V. Singh		Class Teaching	
17.12.15		P.V. Singh	I	SST amp	Noise & distortion in SST amp
18.12.15		P.V. Singh	I	Multistage amp	Cascading amp
19.12.15		P.V. Singh	II	Microwave generator	Gunn diode
21.12.15		P.V. Singh	III	Radar	Element of radar system
22.12.15		P.V. Singh	III	Radar	Basic Radar Equation
28.12.15		P.V. Singh		Class Teaching	
29.12.15		P.V. Singh	I	Multistage amp	Voltage gain, RC Coupled
30.12.15		P.V. Singh	I	Multistage amp	L-C & T-C amp
31.12.15		P.V. Singh	II	Microwave generator	Carciotron
01.01.16		P.V. Singh	III	Modulator	Frequency modulation
02.01.16		P.V. Singh	III	Modulator	Amplitude modulation
04.01.16		P.V. Singh		Class Teaching	
06.01.16		P.V. Singh	I	Multistage amp	Phase & Frequency response
07.01.16		P.V. Singh	I	Multistage amp	Bandwith
08.01.16		P.V. Singh	II	Microwave generator	Magnetron
09.01.16		P.V. Singh	III	Wide Band amp	Wide band voltage amp
11.01.16		P.V. Singh	III	Wide and amp	High & low frequency Compensation Ckt
12.01.16		P.V. Singh		Class Teaching	

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