

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

कक्षा : बी.एस-सी. भाग-तीन					विषय : इलेक्ट्रॉनिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.15		P. V. S.	I	Introduction	Syllabus & Books
20.07.15		P. V. S.	I	EM waves	Maxwell's EM field equations
21.07.15		P. V. S.	II	Difference amp	Differential input common mode input
22.07.15		P. V. S.	III	Number system	Radix, decimal
23.07.15		P. V. S.	III	Number system	Binary, octal & hexadecimal
24.07.15		P. V. S.		Class Teaching	
24.07.15		P. V. S.	IV	Introduction of up	Functional block diagram of up
25.07.15		P. V. S.	I	EM waves	Poynting theorem
25.07.15		P. V. S.	I	EM waves	EM wave in free space
27.07.15		P. V. S.	II	Difference amp	CMRR
28.07.15		P. V. S.	III	N.S.	Conversion of N.S.
29.07.15		P. V. S.	III	N.S.	Conversion of N.S.
30.07.15		P. V. S.	IV	Introduction of up	It's working
31.07.15		P. V. S.		Class Teaching	
31.07.15		P. V. S.	I	T/L	V-I relation
01.08.15		P. V. S.	I	T/L	V-I relation
01.08.15		P. V. S.	II	Difference amp	Darlington pair
03.08.15		P. V. S.	III	N.S.	Binary arithmetic
04.08.15		P. V. S.	III	N.S.	BCD & hexadecimal codes
05.08.15		P. V. S.	IV	Introduction of up	ROM, RAM
06.08.15		P. V. S.	IV	Introduction of up	CPU, Address bus
07.08.15		P. V. S.		Class Teaching	
07.08.15		P. V. S.	I	T/L	T/L Constant
08.08.15		P. V. S.	I	T/L	Impedance & PF
08.08.15		P. V. S.	II	Difference amp	Cas coded amp
10.08.15		P. V. S.	III	N.S.	Signed numbers
11.08.15		P. V. S.	III	N.S.	1's & 2's complement
12.08.15		P. V. S.	IV	Introduction of up	Data bus & control bus
13.08.15		P. V. S.	IV	Introduction of up	Architecture of up
14.08.15		P. V. S.		Class Teaching	

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14.08.15		P. V. S.	IV	Introduction of up	General registers
17.08.15		P. V. S.	I	T/L	Smith chart, DC
18.08.15		P. V. S.	I	T/L	Matching, co-axial lines
20.08.15		P. V. S.	II	Op-amp	Characteristics of p-amp
21.08.15		P. V. S.	III	N.S.	2's & 2's complement in girthmatic, operation
21.08.15		P. V. S.	III	Boolean algebra	Boolean function
22.08.15		P.V.S.	IV	Introduction of up	Accumulator, PC, SP
22.08.15		P. V. S.	IV	Introduction of up	Instruction register, decoder
23.08.15		P. V. S.		Class Teaching	
24.08.15		P. V. S.	I	Wave guide	Rectangular wave guide
25.08.15		P. V. S.	II	OP-amp	Inverting & non inverting input
26.08.15		P. V. S.	III	Boolean algebra	Boolean function
27.08.15		P. V. S.	III	Boolean algebra	Logic gates
31.08.15		P. V. S.	IV	Introduction of up	Address register, ALU, CU
01.09.15		P. V. S.		Class Teaching	
03.09.015		P. V. S.	I	W.G	T.E,T.M,TEM modes
04.09.15		P. V. S.	I	W.G	T.E,T.M,TEM modes
04.09.15		P. V. S.	I	OP-Amp	offset current & Voltage
07.09.15		P. V. S.	III	Boolean Algebra	logic Gates
08.09.15		P. V. S.	III	Boolean Algebra	Law of boolian Algebra
09.09.15		P. V. S.	IV	8085 CPU	Functional Description
10.09.15		P. V. S.		Class Teaching	
11.09.15		P. V. S.	I	W.G	Impedance matching
11.09.15		P. V. S.	I	Free Space propagation	Ground waves, space waves
12.09.15		P. V. S.	II	op-amp	SR & PBW
12.09.15		P. V. S.	III	Boolean Algebra	Law of Boolean Algebra
14.09.15		P. V. S.	III	Boolean Algebra	Algebraic Simplification
15.09.15		P. V. S.	IV	8085 CPU	Functional Description
16.09.15		P. V. S.	IV	8085 CPU	Pin Description
18.09.15		P. V. S.		Class Teaching	

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18.09.15		P. V. S.	I	Free Space Propagation	Space waves through Troposphere
19.09.15		P.V.S	I	Free space propagation	Ionosphere & sky wave Propagation
19.09.15		P. V. S.	II	OP- amp	Bodeplot & Frequency Response
21.09.15		P. V. S.	III	Boolean Algebra	Universal NADA & NOR gates
22.09.15		P. V. S.	III	Combitnational CKT	SOP, minterm, POS, maxterm
23.09.15		P. V. S.	IV	8085 CPU	Pindescription
24.09.15		P. V. S.	IV	8085 CPU	Timing Process
26.09.15		P. V. S.		Class Teaching/Test	
26.09.15		P. V. S.	I	Free space propagation	Ionosphere & skywave propagation
28.09.15		P. V. S.	I	Free space propagation	SD, MUF
29.09.15		P. V. S.	II	OP- amp	Voltage Follower, Current follower
01.10.15		P. V. S.	III	Combitional Ckt	Design of logic ckt
03.10.15		P. V. S.	III	Combitional Ckt	K-Map
03.10.15		P. V. S.	IV	8085 CPU	OP Code fetch machine cycle
05.10.15		P. V. S.	IV	8085 CPU	Read & Write Cycle
06.10.15		P. V. S.		Class Teaching	
07.10.15		P. V. S.	I	Free space Propagation	effect of earth magnetic Field
08.10.15		P. V. S.	I	Free space Propagation	Satellie Communication
09.10.15		P. V. S.	II	OP- Amp	Integrating & Differentiating CKT
09.10.15		P. V. S.	III	Combinational Ckt	K-MAP
10.10.15		P. V. S.	III	Combinational	HA & FA
10.10.15		P. V. S.	IV	8085 CPU	Interrupt acknowledge Cycle
14.10.15		P. V. S.	IV	8085 CPU	Bus Idle, Half State
15.10.15		P. V. S.		Class Teaching	
16.10.15		P. V. S.	I	Free Space Propagation	Satellite Communication
16.10.15		P. V. S.	I	Antenna	V-I distribution
17.10.15		P. V. S.	II	OP- Amp	Audio amp
17.10.15		P. V. S.	III	Combinational CKT	Encoder
19.10.15		P. V. S.	III	Combinational CKT	Decoder
28.10.15		P. V. S.	IV	8085 CPU	HOLD, HLDA, SID, SOD

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29.10.15		P. V. S.	IV	8085 IS	Data transfer group
30.10.15		P. V. S.		Class Teaching/ Test	
30.10.15		P. V. S.	I	Antenna	V-I distribution
31.10.15		P. V. S.	I	Antenna	Short electric dipole
31.10.15		P. V. S.	II	OP- amp	logarithmic amp
02.11.15		P. V. S.	III	Combinational Ckt	BCD to Seven Segment decoder
03.11.15		P. V. S.	III	Combinational Ckt	BCD to Seven Segment decoder
04.11.15		P. V. S.	IV	8085 IS	Data transfer group
05.11.15		P. V. S.	IV	8085 IS	Arithmetic Group
06.11.15		P. V. S.		Class Teaching	
06.11.15		P. V. S.	I	Antenna	Short Electric Dipole
07.11.15		P. V. S.	I	Antenna	Half wave antenna
07.11.15		P. V. S.	II	OP-Amp	Active filter
14.11.15		P. V. S.	III	Combinational Ckt	Multiplexer
14.11.15		P. V. S.	III	Combinational Ckt	Demultiplexer
16.11.15		P. V. S.	IV	8085 IS	Arithmetic Group
18.11.15		P. V. S.	IV	8085 IS	Branch control group
19.11.15		P. V. S.	IV	8085 IS	Stack Operation
20.11.15		P. V. S.		Class Teaching	
20.11.15		P. V. S.	I	Antenna	Full wave antenna
21.11.15		P. V. S.	I	Antenna	RR, EL, ER, n
21.11.15		P. V. S.	II	OP- Amp	Active Filter
23.11.15		P. V. S.	III	Sequential Ckt	Basic Sequential Ckt
24.11.15		P. V. S.	III	Sequential Ckt	Types of sequential Ckt
25.11.15		P. V. S.	IV	8085 IS	Stack operation
26.11.15		P. V. S.	IV	8085 IS	Stack operation
27.11.15		P. V. S.		Class Teaching/ Test	
27.11.15		P. V. S.	I	Antenna	Grounded Antenna
28.11.15		P. V. S.	I	Antenna	Folded dipole
28.11.15		P. V. S.	II	OP-Amp	PLL

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30.11.15		P. V. S.	III	Sequential Ckt	Synchronous, Asynchronous
01.12.15		P. V. S.	III	Sequential Ckt	FF
03.12.15		P. V. S.	IV	8085 IS	I/O Operation
07.12.15		P. V. S.	IV	8085 IS	Machine Control
08.12.15		P. V. S.		Class Teaching	
09.12.15		P. V. S.	I	Antenna	Antenna Arrays
11.12.15		P. V. S.	I	Antenna	Antenna Arrays
11.12.15		P. V. S.	II	OP-Amp	PLL
12.12.15		P. V. S.	III	Sequential Ckt	FF
12.12.15		P. V. S.	III	Sequential Ckt	FF
14.12.15		P. V. S.	IV	8085 IS	ALP
15.12.15		P. V. S.	IV	8085 IS	ALP
16.12.15		P. V. S.		Class Teaching	
17.12.15		P. V. S.	I	Antenna	Television Antenna
18.12.15		P. V. S.	II	OP-Amp	VCO
18.12.15		P. V. S.	III	Sequential Ckt	Counters
19.12.15		P. V. S.	III	Sequential Ckt	Counters
19.12.15		P. V. S.	III	Sequential Ckt	Counters
21.12.15		P. V. S.	IV	M/IO Addressing	Organisation of Memories
22.12.15		P. V. S.	IV	M/IO Addressing	RAM, ROM selection
28.12.15		P. V. S.		Class Teaching/Test	
29.12.15		P. V. S.	II	OP-Amp	Wave shaping Ckt
30.12.15		P. V. S.	II	OP-Amp	Wave shaping Ckt
31.12.15		P. V. S.	III	Sequential Ckt	Shift registers
01.01.16		P. V. S.	III	Sequential Ckt	Shift registers
01.01.16		P. V. S.	III	Sequential Ckt	Parity generator
02.01.16		P. V. S.	IV	M/IO Addressing	I/O mode
02.01.16		P. V. S.	IV	M/IO Addressing	Memory mode
04.01.16		P. V. S.		Class Teaching	
06.01.16		P. V. S.	II	Analog Ckt	Summing amp

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07.01.16		P. V. S.	III	Sequential Ckt	Parity checker
08.01.16		P. V. S.	III	Conuerter	A/D
08.01.16		P. V. S.	III	Conuerter	A/D
09.01.16		P. V. S.	IV	M/IO Addressing	Interfacing
09.01.16		P. V. S.	IV	Comparision of up	8085 A, Z80, 6800
11.0.16		P. V. S.	III	Conuerter	D/A
12.01.16		P. V. S.		Class Teaching	
13.01.16		P. V. S.	II	Analog Ckt	Simultaneous equation
16.01.16		P. V. S.	II	Analog Ckt	Simultaneous equation
16.01.16		P. V. S.	III	Conuerter	D/A
18.01.16		P. V. S.	III	Logic families	RL, DL, RTL
19.01.16		P. V. S.	III	Logic families	DTL, ECL
20.01.16		P. V. S.	III	Logic families	TTL
21.01.16		P. V. S.		Class Teaching	
22.01.16		P. V. S.	II	Analog Ckt	[Time & Amplitude scaling
22.01.16		P. V. S.	III	Logic Families	TTL
23.01.16		P. V. S.	III	Logic Families	CMOS
23.01.16		P. V. S.	III	Revision	Problems
25.01.16		P. V. S.	III	Revision	Problems
27.01.16		P. V. S.	I	Revision	Problems
28.01.16		P. V. S.	I	Revision	Problems
29.01.16		P. V. S.	IV	Revision	Problems
29.01.16		P. V. S.		Class Teaching/Test	
30.01.16		P. V. S.	II	Revision	Problems
30.01.16		P. V. S.	IV	Revision	Problems