

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

कक्षा : बी.एस-सी. भाग-तीन			पाठ्यक्रम योजना : सत्र-२०१६-२०		विषय : इलेक्ट्रॉनिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.19	1	P. V. S.	I	Introduction	Syllabus & Books
17.07.19	2	P. V. S.	I	EM waves	Maxwell's EM field equations
18.07.19	1	P. V. S.	II	Difference amp	Differential input common mode input
19.07.19	1	P. V. S.	III	Number system	Radix, decimal
19.07.19	2	P. V. S.	III	Number system	Binary, octal & hexadecimal
20.07.19		P. V. S.		Class Teaching	
20.07.19	1	P. V. S.	IV	Introduction of up	Functional block diagram of up
22.07.19	3	P. V. S.	I	EM waves	Poynting theorem
23.07.19	4	P. V. S.	I	EM waves	EM wave in free space
24.07.19	2	P. V. S.	II	Difference amp	CMRR
25.07.19	3	P. V. S.	III	N.S.	Conversion of N.S.
26.07.19	4	P. V. S.	III	N.S.	Conversion of N.S.
26.07.19	2	P. V. S.	IV	Introduction of up	It's working
27.07.19		P. V. S.		Class Teaching/ Test	
27.07.19	5	P. V. S.	I	T/L	V-I relation
29.07.19	6	P. V. S.	I	T/L	V-I relation
30.07.19	3	P. V. S.	II	Difference amp	Darlington pair
31.07.19	5	P. V. S.	III	N.S.	Binary aithmetic
01.08.19	6	P. V. S.	III	N.S.	BCD & hexadecimal codes
02.08.19	3	P. V. S.	IV	Introduction of up	ROM, RAM
02.08.19	4	P. V. S.	IV	Introduction of up	CPU, Address bus
03.08.19		P. V. S.		Class Teaching	
03.08.19	7	P. V. S.	I	T/L	T/L Constant
06.08.19	8	P. V. S.	I	T/L	Impedance & PF
07.08.19	4	P. V. S.	II	Difference amp	Cas coded amp
08.08.19	7	P. V. S.	III	N.S.	Signed numbers
09.08.19	8	P. V. S.	III	N.S.	1's & 2's complement
09.08.19	5	P. V. S.	IV	Introduction of up	Data bus & control bus
10.08.19	6	P. V. S.	IV	Introduction of up	Architectre of up
10.08.19		P. V. S.		Class Teaching	

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13.08.19	7	P. V. S.	IV	Introduction of up	General registers
14.08.19	9	P. V. S.	I	T/L	Smith chart, DC
16.08.19	10	P. V. S.	I	T/L	Matching, co-axial lines
16.08.19	5	P. V. S.	II	Op-amp	Characteristics of p-amp
17.08.19	9	P. V. S.	III	N.S.	2's & 2's complement in girthmatic, operation
17.08.19	10	P. V. S.	III	Boolean algebra	Boolean function
19.08.19	8	P.V.S.	IV	Introduction of up	Accumulator, PC, SP
20.08.19	9	P. V. S.	IV	Introduction of up	Instruction register, decoder
21.08.19		P. V. S.		Class Teaching	
22.08.19	11	P. V. S.	I	Wave guide	Rectangular wave guide
24.08.19	6	P. V. S.	II	OP-amp	Inverting & non inverting input
24.08.19	11	P. V. S.	III	Boolean algebra	Boolean function
26.08.19	12	P. V. S.	III	Boolean algebra	Logic gates
27.08.19	10	P. V. S.	IV	Introduction of up	Address register, ALU, CU
28.08.19		P. V. S.		Class Teaching/ Test	
29.08.19	12	P. V. S.	I	W.G	T.E,T.M,TEM modes
30.08.19	13	P. V. S.	I	W.G	T.E,T.M,TEM modes
30.08.19	14	P. V. S.	I	OP-Amp	offset current & Voltage
02.09.19	13	P. V. S.	III	Boolean Algebra	logic Gates
03.09.19	14	P. V. S.	III	Boolean Algebra	Law of boolian Algebra
04.09.19	11	P. V. S.	IV	8085 CPU	Functional Description
05.09.19		P. V. S.		Class Teaching	
06.09.19	15	P. V. S.	I	W.G	Impedance matching
06.09.19	16	P. V. S.	I	Free Space propagation	Ground waves, space waves
07.09.19	7	P. V. S.	II	op-amp	SR & PBW
07.09.19	15	P. V. S.	III	Boolean Algebra	Law of Boolean Algebra
09.09.19	16	P. V. S.	III	Boolean Algebra	Algebraic Simplification
11.09.19	12	P. V. S.	IV	8085 CPU	Functional Description
13.09.19	13	P. V. S.	IV	8085 CPU	Pin Description
13.09.19		P. V. S.		Class Teaching	

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14.09.19	17	P.V.S	I	Free Space Propagation	Space waves through Troposphere
14.09.19	18	P.V.S	I	Free space propagation	Ionosphere & sky wave Propagation
16.09.19	8	P.V.S	II	OP- amp	Bodeplot & Frequency Response
17.09.19	17	P.V.S	III	Boolean Algebra	Universal NADA & NOR gates
19.09.19	18	P.V.S	III	Combitational CKT	SOP, minterm, POS, maxterm
20.09.19	14	P.V.S	IV	8085 CPU	Pindescription
20.09.19	15	P.V.S	IV	8085 CPU	Timing Process
21.09.19		P.V.S		Class Teaching/ Test	
21.09.19	19	P.V.S	I	Free space Propagation	Ionosphere & skywave propagation
23.09.19	20	P.V.S	I	Free space Propagation	SD, MUF
24.09.19	9	P.V.S	II	OP- amp	Voltage Follower, Current follower
25.09.19	19	P.V.S	III	Combitional Ckt	Design of logic ckt
26.09.19	20	P.V.S	III	Combitional Ckt	K-Map
27.09.19	16	P.V.S	IV	8085 CPU	OP Code fetch machine cycle
27.09.19	17	P.V.S	IV	8085 CPU	Read & Write Cycle
30.09.19		P.V.S		Class Teaching	
01.10.19	21	P.V.S	I	Free space Propagation	effect of earth magnetic Field
03.10.19	22	P.V.S	I	Free space Propagation	Satellie Communication
04.10.19	10	P.V.S	II	OP- Amp	Integrating & Differentiating CKT
04.10.19	21	P.V.S	III	Combinational Ckt	K-MAP
05.10.19	22	P.V.S	III	Combinational	HA & FA
05.10.19	18	P.V.S	IV	8085 CPU	Interrupt acknowledge Cycle
12.10.19	19	P.V.S	IV	8085 CPU	Bus Idle, Half State
12.10.19		P.V.S		Class Teaching	
14.10.19	23	P.V.S	I	Free Space Propagation	Satellite Communication
15.10.19	24	P.V.S	I	Antenna	V-I distribution
16.10.19	11	P.V.S	II	OP- Amp	Audio amp
17.10.19	23	P.V.S	III	Combinational CKT	Encoder
18.10.19	24	P.V.S	III	Combinational CKT	Decoder
18.10.19	20	P.V.S	IV	8085 CPU	HOLD, HLDA, SID, SOD

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21.10.19	21	P.V.S	IV	8085 IS	Data transfer group
22.10.19		P.V.S		Class Teaching/ Test	
23.10.19	25	P.V.S	I	Antenna	V-I distribution
30.10.19	26	P.V.S	I	Antenna	Short electric dipole
31.10.19	12	P.V.S	II	OP- amp	logarithmic amp
01.11.19	25	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
01.11.19	26	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
04.11.19	22	P.V.S	IV	8085 IS	Data transfer group
05.11.19	23	P.V.S	IV	8085 IS	Arithmetic Group
06.11.19		P.V.S		Class Teaching	
07.11.19	27	P.V.S	I	Antenna	Short Electric Dipole
09.11.19	28	P.V.S	I	Antenna	Half wave antenna
09.11.19	13	P.V.S	II	OP-Amp	Active filter
11.11.19	27	P.V.S	III	Combinational Ckt	Multiplexer
13.11.19	28	P.V.S	III	Combinational Ckt	Demultiplexer
14.11.19	24	P.V.S	IV	8085 IS	Arithmetic Group
15.11.19	25	P.V.S	IV	8085 IS	Branch control group
15.11.19	26	P.V.S	IV	8085 IS	Stack Operation
16.11.19		P.V.S		Class Teaching	
16.11.19	29	P.V.S	I	Antenna	Full wave antenna
18.11.19	30	P.V.S	I	Antenna	RR, EL, ER, n
19.11.19	14	P.V.S	II	OP- Amp	Active Filter
20.11.19	29	P.V.S	III	Sequential Ckt	Basic Sequential Ckt
21.11.19	30	P.V.S	III	Sequential Ckt	Types of sequential Ckt
22.11.19	27	P.V.S	IV	8085 IS	Stack operation
22.11.19	28	P.V.S	IV	8085 IS	Stack operation
23.11.19		P.V.S		Class Teaching	
23.11.19	31	P.V.S	I	Antenna	Grounded Antenna
25.11.19	32	P.V.S	I	Antenna	Folded dipole
26.11.19	15	P.V.S	II	OP-Amp	PLL

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27.11.19	31	P.V.S.	III	Sequential Ckt	Synchronous, Asynchronous
28.11.19	32	P.V.S.	III	Sequential Ckt	FF
29.11.19	29	P.V.S.	IV	8085 IS	I/O Operation
29.11.19	30	P.V.S.	IV	8085 IS	Machine Control
30.11.19		P.V.S.		Class Teaching/ Test	
30.11.19	33	P.V.S.	I	Antenna	Antenna Arrays
02.12.19	34	P.V.S.	I	Antenna	Antenna Arrays
03.12.19	16	P.V.S.	II	OP-Amp	PLL
07.12.19	33	P.V.S.	III	Sequential Ckt	FF
07.12.19	34	P.V.S.	III	Sequential Ckt	FF
09.12.19	31	P.V.S.	IV	8085 IS	ALP
11.12.19	32	P.V.S.	IV	8085 IS	ALP
12.12.19		P.V.S.		Class Teaching	
13.12.19	35	P.V.S.	I	Antenna	Television Antenna
13.12.19	17	P.V.S.	II	OP-Amp	VCO
14.12.19	35	P.V.S.	III	Sequential Ckt	Counters
14.12.19	36	P.V.S.	III	Sequential Ckt	Counters
16.12.19	37	P.V.S.	III	Sequential Ckt	Counters
17.12.19	33	P.V.S.	IV	M/IO Addressing	Organisation of Memories
18.12.19	34	P.V.S.	IV	M/IO Addressing	RAM, ROM selection
19.12.19		P.V.S.		Class Teaching	
20.12.19	18	P.V.S.	II	OP-Amp	Wave shaping Ckt
20.12.19	19	P.V.S.	II	OP-Amp	Wave shaping Ckt
21.12.19	38	P.V.S.	III	Sequential Ckt	Shift registers
21.12.19	39	P.V.S.	III	Sequential Ckt	Shift registers
23.12.19	40	P.V.S.	III	Sequential Ckt	Parity generator
24.12.19	35	P.V.S.	IV	M/IO Addressing	I/O mode
26.12.19	36	P.V.S.	IV	M/IO Addressing	Memory mode
27.12.19		P.V.S.		Class Teaching	
27.12.19	20	P.V.S.	II	Analog Ckt	Summing amp

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28.12.19	41	P.V.S	III	Sequential Ckt	Parity checker
28.12.19	42	P.V.S.	III	Conuerter	A/D
30.12.19	43	P.V.S.	III	Conuerter	A/D
31.12.19	37	P.V.S.	IV	M/IO Addressing	Interfacing
01.01.20	38	P.V.S.	IV	Comparision of up	8085 A, Z80, 6800
02.01.20	44	P.V.S.	III	Conuerter	D/A
03.01.20		P.V.S.		Class Teaching/ Test	
03.01.20	21	P.V.S.	II	Analog Ckt	Simultaneous equation
04.01.20	22	P.V.S.	II	Analog Ckt	Simultaneous equation
04.01.20	45	P.V.S.	III	Conuerter	D/A
06.01.20	46	P.V.S.	III	Logic Families	RL, DL, RTL
07.01.20	47	P.V.S.	III	Logic Families	DTL, ECL
08.01.20	48	P.V.S.	III	Logic Families	TTL
09.01.20		P.V.S.		Class Teaching	
10.01.20	23	P.V.S.	II	Analog Ckt	Time & Amplitude scaling
10.01.20	49	P.V.S.	III	Logic Families	TTL
11.01.20	50	P.V.S.	III	Logic Families	CMOS
11.01.20		P.V.S.		Revision	Problems
13.01.20		P.V.S.		Revision	Problems
16.01.20		P.V.S.		Revision	Problems
17.01.20		P.V.S.		Revision	Problems
17.01.20		P.V.S.		Revision	Problems
18.01.20		P.V.S.		Class Teaching	
18.01.20		P.V.S.		Revision	Problems
20.01.20		P.V.S.		Revision	Problems
22.01.20		P.V.S.		Revision	Problems
23.01.20		P.V.S.		Revision	Problems
24.01.20		P.V.S.		Revision	Problems
24.01.20		P.V.S.		Revision	Problems
25.01.20		P.V.S.		Class Teaching/ Test	

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