

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

कक्षा : बी.एस-सी. भाग-तीन			पाठ्यक्रम योजना : सत्र-२०१८-१९		विषय : इलेक्ट्रॉनिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.18	1	P. V. S.	I	Introduction	Syllabus & Books
17.07.18	2	P. V. S.	I	EM waves	Maxwell's EM field equations
18.07.18	1	P. V. S.	II	Difference amp	Differential input common mode input
19.07.18	1	P. V. S.	III	Number system	Radix, decimal
20.07.18	2	P. V. S.	III	Number system	Binary, octal & hexadecimal
20.07.18		P. V. S.		Class Teaching	
21.07.18	1	P. V. S.	IV	Introduction of up	Functional block diagram of up
21.07.18	3	P. V. S.	I	EM waves	Poynting theorem
23.07.18	4	P. V. S.	I	EM waves	EM wave in free space
24.07.18	2	P. V. S.	II	Difference amp	CMRR
25.07.18	3	P. V. S.	III	N.S.	Conversion of N.S.
26.07.18	4	P. V. S.	III	N.S.	Conversion of N.S.
27.07.18	2	P. V. S.	IV	Introduction of up	It's working
27.07.18		P. V. S.		Class Teaching/ Test	
28.07.18	5	P. V. S.	I	T/L	V-I relation
28.07.18	6	P. V. S.	I	T/L	V-I relation
30.07.18	3	P. V. S.	II	Difference amp	Darlington pair
31.07.18	5	P. V. S.	III	N.S.	Binary aithmetic
01.08.18	6	P. V. S.	III	N.S.	BCD & hexadecimal codes
02.08.18	3	P. V. S.	IV	Introduction of up	ROM, RAM
03.08.18	4	P. V. S.	IV	Introduction of up	CPU, Address bus
03.08.18		P. V. S.		Class Teaching	
04.08.18	7	P. V. S.	I	T/L	T/L Constant
04.08.18	8	P. V. S.	I	T/L	Impedance & PF
06.08.18	4	P. V. S.	II	Difference amp	Cas coded amp
07.08.18	7	P. V. S.	III	N.S.	Signed numbers
08.08.18	8	P. V. S.	III	N.S.	1's & 2's complement
09.08.18	5	P. V. S.	IV	Introduction of up	Data bus & control bus
10.08.18	6	P. V. S.	IV	Introduction of up	Architectre of up
10.08.18		P. V. S.		Class Teaching	

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11.08.18	7	P. V. S.	IV	Introduction of up	General registers
11.08.18	9	P. V. S.	I	T/L	Smith chart, DC
12.08.18	10	P. V. S.	I	T/L	Matching, co-axial lines
13.08.18	5	P. V. S.	II	Op-amp	Characteristics of p-amp
16.08.18	9	P. V. S.	III	N.S.	2's & 2's complement in girthmatic, operation
17.08.18	10	P. V. S.	III	Boolean algebra	Boolean function
17.08.18	8	P.V.S.	IV	Introduction of up	Accumulator, PC, SP
18.08.18	9	P. V. S.	IV	Introduction of up	Instruction register, decoder
18.08.18		P. V. S.		Class Teaching	
20.08.18	11	P. V. S.	I	Wave guide	Rectangular wave guide
21.08.18	6	P. V. S.	II	OP-amp	Inverting & non inverting input
23.08.18	11	P. V. S.	III	Boolean algebra	Boolean function
24.08.18	12	P. V. S.	III	Boolean algebra	Logic gates
24.08.18	10	P. V. S.	IV	Introduction of up	Address register, ALU, CU
25.08.18		P. V. S.		Class Teaching/ Test	
25.08.18	12	P. V. S.	I	W.G	T.E,T.M,TEM modes
27.08.18	13	P. V. S.	I	W.G	T.E,T.M,TEM modes
28.08.18	14	P. V. S.	I	OP-Amp	offset current & Voltage
29.08.18	13	P. V. S.	III	Boolean Algebra	logic Gates
30.08.18	14	P. V. S.	III	Boolean Algebra	Law of boolian Algebra
01.09.18	11	P. V. S.	IV	8085 CPU	Functional Description
01.09.18		P. V. S.		Class Teaching	
04.09.18	15	P. V. S.	I	W.G	Impedance matching
05.09.18	16	P. V. S.	I	Free Space propagation	Ground waves, space waves
06.09.18	7	P. V. S.	II	op-amp	SR & PBW
07.09.18	15	P. V. S.	III	Boolean Algebra	Law of Boolean Algebra
07.09.18	16	P. V. S.	III	Boolean Algebra	Algebraic Simplification
08.09.18	12	P. V. S.	IV	8085 CPU	Functional Description
08.09.18	13	P. V. S.	IV	8085 CPU	Pin Description
10.09.18		P. V. S.		Class Teaching	

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11.09.18	17	P.V.S	I	Free Space Propagation	Space waves through Troposphere
12.09.18	18	P.V.S	I	Free space propagation	Ionosphere & sky wave Propagation
13.09.18	8	P.V.S	II	OP- amp	Bodeplot & Frequency Response
14.09.18	17	P.V.S	III	Boolean Algebra	Universal NADA & NOR gates
14.09.18	18	P.V.S	III	Combitational CKT	SOP, minterm, POS, maxterm
15.09.18	14	P.V.S	IV	8085 CPU	Pindescription
15.09.18	15	P.V.S	IV	8085 CPU	Timing Process
17.09.18		P.V.S		Class Teaching/ Test	
18.09.18	19	P.V.S	I	Free space Propagation	Ionosphere & skywave propagation
19.09.18	20	P.V.S	I	Free space Propagation	SD, MUF
20.09.18	9	P.V.S	II	OP- amp	Voltage Follower, Current follower
22.09.18	19	P.V.S	III	Combitional Ckt	Design of logic ckt
22.09.18	20	P.V.S	III	Combitional Ckt	K-Map
24.09.18	16	P.V.S	IV	8085 CPU	OP Code fetch machine cycle
25.09.18	17	P.V.S	IV	8085 CPU	Read & Write Cycle
26.09.18		P.V.S		Class Teaching	
27.09.18	21	P.V.S	I	Free space Propagation	effect of earth magnetic Field
28.09.18	22	P.V.S	I	Free space Propagation	Satellie Communication
28.09.18	10	P.V.S	II	OP- Amp	Integrating & Differentiating CKT
01.10.18	21	P.V.S	III	Combinational Ckt	K-MAP
03.10.18	22	P.V.S	III	Combinational	HA & FA
04.10.18	18	P.V.S	IV	8085 CPU	Interrupt acknowledge Cycle
05.10.18	19	P.V.S	IV	8085 CPU	Bus Idle, Half State
05.10.18		P.V.S		Class Teaching	
06.10.18	23	P.V.S	I	Free Space Propagation	Satellite Communication
06.10.18	24	P.V.S	I	Antenna	V-I distribution
09.10.18	11	P.V.S	II	OP- Amp	Audio amp
10.10.18	23	P.V.S	III	Combinational CKT	Encoder
11.10.18	24	P.V.S	III	Combinational CKT	Decoder
12.10.18	20	P.V.S	IV	8085 CPU	HOLD, HLDA, SID, SOD

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12.10.18	21	P.V.S	IV	8085 IS	Data transfer group
13.10.18		P.V.S		Class Teaching/ Test	
13.10.18	25	P.V.S	I	Antenna	V-I distribution
15.10.18	26	P.V.S	I	Antenna	Short electric dipole
16.10.18	12	P.V.S	II	OP- amp	logarithmic amp
17.10.18	25	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
22.10.18	26	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
24.10.18	22	P.V.S	IV	8085 IS	Data transfer group
25.10.18	23	P.V.S	IV	8085 IS	Arithmetic Group
26.10.18		P.V.S		Class Teaching	
26.10.18	27	P.V.S	I	Antenna	Short Electric Dipole
27.10.18	28	P.V.S	I	Antenna	Half wave antenna
27.10.18	13	P.V.S	II	OP-Amp	Active filter
29.10.18	27	P.V.S	III	Combinational Ckt	Multiplexer
31.10.18	28	P.V.S	III	Combinational Ckt	Demultiplexer
01.11.18	24	P.V.S	IV	8085 IS	Arithmetic Group
02.11.18	25	P.V.S	IV	8085 IS	Branch control group
02.11.18	26	P.V.S	IV	8085 IS	Stack Operation
03.11.18		P.V.S		Class Teaching	
03.11.18	29	P.V.S	I	Antenna	Full wave antenna
12.11.18	30	P.V.S	I	Antenna	RR, EL, ER, n
13.11.18	14	P.V.S	II	OP- Amp	Active Filter
14.11.18	29	P.V.S	III	Sequential Ckt	Basic Sequential Ckt
15.11.18	30	P.V.S	III	Sequential Ckt	Types of sequential Ckt
16.11.18	27	P.V.S	IV	8085 IS	Stack operation
16.11.18	28	P.V.S	IV	8085 IS	Stack operation
17.11.18		P.V.S		Class Teaching	
17.11.18	31	P.V.S	I	Antenna	Grounded Antenna
19.11.18	32	P.V.S	I	Antenna	Folded dipole
20.11.18	15	P.V.S	II	OP-Amp	PLL

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21.11.18	31	P.V.S.	III	Sequential Ckt	Synchronous, Asynchronous
22.11.18	32	P.V.S.	III	Sequential Ckt	FF
23.11.18	29	P.V.S.	IV	8085 IS	I/O Operation
23.11.18	30	P.V.S.	IV	8085 IS	Machine Control
24.11.18		P.V.S.		Class Teaching/ Test	
24.11.18	33	P.V.S.	I	Antenna	Antenna Arrays
26.11.18	34	P.V.S.	I	Antenna	Antenna Arrays
27.11.18	16	P.V.S.	II	OP-Amp	PLL
28.11.18	33	P.V.S.	III	Sequential Ckt	FF
29.11.18	34	P.V.S.	III	Sequential Ckt	FF
30.11.18	31	P.V.S.	IV	8085 IS	ALP
30.11.18	32	P.V.S.	IV	8085 IS	ALP
01.12.18		P.V.S.		Class Teaching	
01.12.18	35	P.V.S.	I	Antenna	Television Antenna
03.12.18	17	P.V.S.	II	OP-Amp	VCO
06.12.18	35	P.V.S.	III	Sequential Ckt	Counters
07.12.18	36	P.V.S.	III	Sequential Ckt	Counters
07.12.18	37	P.V.S.	III	Sequential Ckt	Counters
08.12.18	33	P.V.S.	IV	M/IO Addressing	Organisation of Memories
08.12.18	34	P.V.S.	IV	M/IO Addressing	RAM, ROM selection
11.12.18		P.V.S.		Class Teaching	
12.12.18	18	P.V.S.	II	OP-Amp	Wave shaping Ckt
13.12.18	19	P.V.S.	II	OP-Amp	Wave shaping Ckt
14.12.18	38	P.V.S.	III	Sequential Ckt	Shift registers
14.12.18	39	P.V.S.	III	Sequential Ckt	Shift registers
15.12.18	40	P.V.S.	III	Sequential Ckt	Parity generator
15.12.18	35	P.V.S.	IV	M/IO Addressing	I/O mode
17.12.18	36	P.V.S.	IV	M/IO Addressing	Memory mode
18.12.18		P.V.S.		Class Teaching	
19.12.18	20	P.V.S.	II	Analog Ckt	Summing amp

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20.12.18	41	P.V.S	III	Sequential Ckt	Parity checker
21.12.18	42	P.V.S.	III	Conuerter	A/D
21.12.18	43	P.V.S.	III	Conuerter	A/D
22.12.18	37	P.V.S.	IV	M/IO Addressing	Interfacing
22.12.18	38	P.V.S.	IV	Comparision of up	8085 A, Z80, 6800
31.12.18	44	P.V.S.	III	Conuerter	D/A
01.01.18		P.V.S.		Class Teaching/ Test	
02.01.18	21	P.V.S.	II	Analog Ckt	Simultaneous equation
03.01.18	22	P.V.S.	II	Analog Ckt	Simultaneous equation
04.01.18	45	P.V.S.	III	Conuerter	D/A
04.01.18	46	P.V.S.	III	Logic Families	RL, DL, RTL
05.01.18	47	P.V.S.	III	Logic Families	DTL, ECL
05.01.18	48	P.V.S.	III	Logic Families	TTL
07.01.18		P.V.S.		Class Teaching	
08.01.18	23	P.V.S.	II	Analog Ckt	Time & Amplitude scaling
09.01.18	49	P.V.S.	III	Logic Families	TTL
10.01.19	50	P.V.S.	III	Logic Families	CMOS
11.01.19		P.V.S.		Revision	Problems
11.01.19		P.V.S.		Revision	Problems
12.01.19		P.V.S.		Revision	Problems
12.01.19		P.V.S.		Revision	Problems
17.01.19		P.V.S.		Revision	Problems
18.01.19		P.V.S.		Class Teaching	
18.01.19		P.V.S.		Revision	Problems
19.01.19		P.V.S.		Revision	Problems
19.01.19		P.V.S.		Revision	Problems
21.01.19		P.V.S.		Revision	Problems
23.01.19		P.V.S.		Revision	Problems
24.01.19		P.V.S.		Revision	Problems
25.01.19		P.V.S.		Class Teaching/ Test	

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