

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

कक्षा : बी.एस-सी. भाग-तीन			पाठ्यक्रम योजना : सत्र-२०१७-१८		विषय : इलेक्ट्रॉनिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
17.07.17	1	P. V. S.	I	Introduction	Syllabus & Books
18.07.17	2	P. V. S.	I	EM waves	Maxwell's EM field equations
19.07.17	1	P. V. S.	II	Difference amp	Differential input common mode input
20.07.17	1	P. V. S.	III	Number system	Radix, decimal
21.07.17	2	P. V. S.	III	Number system	Binary, octal & hexadecimal
21.07.17		P. V. S.		Class Teaching	
22.07.17	1	P. V. S.	IV	Introduction of up	Functional block diagram of up
22.07.17	3	P. V. S.	I	EM waves	Poynting theorem
24.07.17	4	P. V. S.	I	EM waves	EM wave in free space
25.07.17	2	P. V. S.	II	Difference amp	CMRR
26.07.17	3	P. V. S.	III	N.S.	Conversion of N.S.
27.07.17	4	P. V. S.	III	N.S.	Conversion of N.S.
29.07.17	2	P. V. S.	IV	Introduction of up	It's working
29.07.17		P. V. S.		Class Teaching/ Test	
31.07.17	5	P. V. S.	I	T/L	V-I relation
01.08.17	6	P. V. S.	I	T/L	V-I relation
02.08.17	3	P. V. S.	II	Difference amp	Darlington pair
03.08.17	5	P. V. S.	III	N.S.	Binary aithmetic
04.08.17	6	P. V. S.	III	N.S.	BCD & hexadecimal codes
04.08.17	3	P. V. S.	IV	Introduction of up	ROM, RAM
05.08.17	4	P. V. S.	IV	Introduction of up	CPU, Address bus
05.08.17		P. V. S.		Class Teaching	
08.08.17	7	P. V. S.	I	T/L	T/L Constant
09.08.17	8	P. V. S.	I	T/L	Impedance & PF
10.08.17	4	P. V. S.	II	Difference amp	Cas coded amp
11.08.17	7	P. V. S.	III	N.S.	Signed numbers
11.08.17	8	P. V. S.	III	N.S.	1's & 2's complement
12.08.17	5	P. V. S.	IV	Introduction of up	Data bus & control bus
12.08.17	6	P. V. S.	IV	Introduction of up	Architecutre of up
13.08.17		P. V. S.		Class Teaching	

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16.08.17	7	P. V. S.	IV	Introduction of up	General registers
17.08.17	9	P. V. S.	I	T/L	Smith chart, DC
18.08.17	10	P. V. S.	I	T/L	Matching, co-axial lines
18.08.17	5	P. V. S.	II	Op-amp	Characteristics of p-amp
19.08.17	9	P. V. S.	III	N.S.	2's & 2's complement in girthmatic, operation
19.08.17	10	P. V. S.	III	Boolean algebra	Boolean function
21.08.17	8	P.V.S.	IV	Introduction of up	Accumulator, PC, SP
22.08.17	9	P. V. S.	IV	Introduction of up	Instruction register, decoder
23.08.17		P. V. S.		Class Teaching	
24.08.17	11	P. V. S.	I	Wave guide	Rectangular wave guide
25.08.17	6	P. V. S.	II	OP-amp	Inverting & non inverting input
25.08.17	11	P. V. S.	III	Boolean algebra	Boolean function
26.08.17	12	P. V. S.	III	Boolean algebra	Logic gates
26.08.17	10	P. V. S.	IV	Introduction of up	Address register, ALU, CU
28.08.17		P. V. S.		Class Teaching/ Test	
29.08.17	12	P. V. S.	I	W.G	T.E,T.M,TEM modes
31.08.17	13	P. V. S.	I	W.G	T.E,T.M,TEM modes
01.09.17	14	P. V. S.	I	OP-Amp	offset current & Voltage
01.09.17	13	P. V. S.	III	Boolean Algebra	logic Gates
02.09.17	14	P. V. S.	III	Boolean Algebra	Law of boolian Algebra
02.09.17	11	P. V. S.	IV	8085 CPU	Functional Description
05.09.17		P. V. S.		Class Teaching	
06.09.17	15	P. V. S.	I	W.G	Impedance matching
07.09.17	16	P. V. S.	I	Free Space propagation	Ground waves, space waves
08.09.17	7	P. V. S.	II	op-amp	SR & PBW
08.09.17	15	P. V. S.	III	Boolean Algebra	Law of Boolean Algebra
09.09.17	16	P. V. S.	III	Boolean Algebra	Algebraic Simplification
09.09.17	12	P. V. S.	IV	8085 CPU	Functional Description
11.09.17	13	P. V. S.	IV	8085 CPU	Pin Description
12.09.17		P. V. S.		Class Teaching	

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13.09.17	17	P.V.S	I	Free Space Propagation	Space waves through Troposphere
14.09.17	18	P.V.S	I	Free space propagation	Ionosphere & sky wave Propagation
15.09.17	8	P.V.S	II	OP- amp	Bodeplot & Frequency Response
15.09.17	17	P.V.S	III	Boolean Algebra	Universal NADA & NOR gates
16.09.17	18	P.V.S	III	Combitnational CKT	SOP, minterm, POS, maxterm
16.09.17	14	P.V.S	IV	8085 CPU	Pindescription
18.09.17	15	P.V.S	IV	8085 CPU	Timing Process
19.09.17		P.V.S		Class Teaching/ Test	
21.09.17	19	P.V.S	I	Free space Propagation	Ionosphere & skywave propagation
22.09.17	20	P.V.S	I	Free space Propagation	SD, MUF
22.09.17	9	P.V.S	II	OP- amp	Voltage Follower, Current follower
23.09.17	19	P.V.S	III	Combitionnal Ckt	Design of logic ckt
23.09.17	20	P.V.S	III	Combitionnal Ckt	K-Map
25.09.17	16	P.V.S	IV	8085 CPU	OP Code fetch machine cycle
26.09.17	17	P.V.S	IV	8085 CPU	Read & Write Cycle
27.09.17		P.V.S		Class Teaching	
03.10.17	21	P.V.S	I	Free space Propagation	effect of earth magnetic Field
04.10.17	22	P.V.S	I	Free space Propagation	Satellie Communication
06.10.17	10	P.V.S	II	OP- Amp	Integrating & Differentiating CKT
06.10.17	21	P.V.S	III	Combinational Ckt	K-MAP
07.10.17	22	P.V.S	III	Combinational	HA & FA
07.10.17	18	P.V.S	IV	8085 CPU	Interrupt acknowledge Cycle
09.10.17	19	P.V.S	IV	8085 CPU	Bus Idle, Half State
10.10.17		P.V.S		Class Teaching	
11.10.17	23	P.V.S	I	Free Space Propagation	Satellite Communication
12.10.17	24	P.V.S	I	Antenna	V-I distribution
13.10.1	11	P.V.S	II	OP- Amp	Audio amp
13.10.17	23	P.V.S	III	Combinational CKT	Encoder
14.10.17	24	P.V.S	III	Combinational CKT	Decoder
14.10.17	20	P.V.S	IV	8085 CPU	HOLD, HLDA, SID, SOD

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16.10.17	21	P.V.S	IV	8085 IS	Data transfer group
23.10.17		P.V.S		Class Teaching/ Test	
24.10.17	25	P.V.S	I	Antenna	V-I distribution
25.10.17	26	P.V.S	I	Antenna	Short electric dipole
26.10.17	12	P.V.S	II	OP- amp	logarithmic amp
27.10.17	25	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
27.10.17	26	P.V.S	III	Combinational Ckt	BCD to Seven Segment decoder
28.10.17	22	P.V.S	IV	8085 IS	Data transfer group
28.10.17	23	P.V.S	IV	8085 IS	Arithmetic Group
30.10.17		P.V.S		Class Teaching	
31.10.17	27	P.V.S	I	Antenna	Short Electric Dipole
01.11.17	28	P.V.S	I	Antenna	Half wave antenna
02.11.17	13	P.V.S	II	OP-Amp	Active filter
03.11.17	27	P.V.S	III	Combinational Ckt	Multiplexer
03.11.17	28	P.V.S	III	Combinational Ckt	Demultiplexer
06.11.17	24	P.V.S	IV	8085 IS	Arithmetic Group
07.11.17	25	P.V.S	IV	8085 IS	Branch control group
08.11.17	26	P.V.S	IV	8085 IS	Stack Operation
10.11.17		P.V.S		Class Teaching	
10.11.17	29	P.V.S	I	Antenna	Full wave antenna
11.11.17	30	P.V.S	I	Antenna	RR, EL, ER, n
11.11.17	14	P.V.S	II	OP- Amp	Active Filter
13.11.17	29	P.V.S	III	Sequential Ckt	Basic Sequential Ckt
14.11.17	30	P.V.S	III	Sequential Ckt	Types of sequential Ckt
15.11.17	27	P.V.S	IV	8085 IS	Stack operation
16.11.17	28	P.V.S	IV	8085 IS	Stack operation
17.11.17		P.V.S		Class Teaching	
17.11.17	31	P.V.S	I	Antenna	Grounded Antenna
18.11.17	32	P.V.S	I	Antenna	Folded dipole
18.11.17	15	P.V.S	II	OP-Amp	PLL

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20.11.17	31	P.V.S.	III	Sequential Ckt	Synchronous, Asynchronous
21.11.17	32	P.V.S.	III	Sequential Ckt	FF
22.11.17	29	P.V.S.	IV	8085 IS	I/O Operation
23.11.17	30	P.V.S.	IV	8085 IS	Machine Control
24.11.17		P.V.S.		Class Teaching/ Test	
24.11.17	33	P.V.S.	I	Antenna	Antenna Arrays
25.11.17	34	P.V.S.	I	Antenna	Antenna Arrays
25.11.17	16	P.V.S.	II	OP-Amp	PLL
27.11.17	33	P.V.S.	III	Sequential Ckt	FF
28.11.17	34	P.V.S.	III	Sequential Ckt	FF
29.11.17	31	P.V.S.	IV	8085 IS	ALP
30.11.17	32	P.V.S.	IV	8085 IS	ALP
01.12.17		P.V.S.		Class Teaching	
01.12.17	35	P.V.S.	I	Antenna	Television Antenna
02.12.17	17	P.V.S.	II	OP-Amp	VCO
02.12.17	35	P.V.S.	III	Sequential Ckt	Counters
03.12.17	36	P.V.S.	III	Sequential Ckt	Counters
06.12.17	37	P.V.S.	III	Sequential Ckt	Counters
07.12.17	33	P.V.S.	IV	M/IO Addressing	Organisation of Memories
08.12.17	34	P.V.S.	IV	M/IO Addressing	RAM, ROM selection
08.12.17		P.V.S.		Class Teaching	
09.12.17	18	P.V.S.	II	OP-Amp	Wave shaping Ckt
09.12.17	19	P.V.S.	II	OP-Amp	Wave shaping Ckt
11.12.17	38	P.V.S.	III	Sequential Ckt	Shift registers
12.12.17	39	P.V.S.	III	Sequential Ckt	Shift registers
13.12.17	40	P.V.S.	III	Sequential Ckt	Parity generator
14.12.17	35	P.V.S.	IV	M/IO Addressing	I/O mode
15.12.17	36	P.V.S.	IV	M/IO Addressing	Memory mode
15.12.17		P.V.S.		Class Teaching	
16.12.17	20	P.V.S.	II	Analog Ckt	Summing amp

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16.12.17	41	P.V.S	III	Sequential Ckt	Parity checker
18.12.17	42	P.V.S.	III	Conuerters	A/D
19.12.17	43	P.V.S.	III	Conuerters	A/D
20.12.17	37	P.V.S.	IV	M/IO Addressing	Interfacing
21.12.17	38	P.V.S.	IV	Comparision of up	8085 A, Z80, 6800
22.12.17	44	P.V.S.	III	Conuerters	D/A
22.12.17		P.V.S.		Class Teaching/ Test	
23.12.17	21	P.V.S.	II	Analog Ckt	Simultaneous equation
23.12.17	22	P.V.S.	II	Analog Ckt	Simultaneous equation
26.12.17	45	P.V.S.	III	Conuerters	D/A
27.12.17	46	P.V.S.	III	Logic Families	RL, DL, RTL
28.12.17	47	P.V.S.	III	Logic Families	DTL, ECL
29.12.17	48	P.V.S.	III	Logic Families	TTL
29.12.17		P.V.S.		Class Teaching	
30.12.17	23	P.V.S.	II	Analog Ckt	[Time & Amplitude scaling
30.12.17	49	P.V.S.	III	Logic Families	TTL
01.01.18	50	P.V.S.	III	Logic Families	CMOS
02.01.18		P.V.S.		Revision	Problems
03.01.18		P.V.S.		Revision	Problems
04.01.18		P.V.S.		Revision	Problems
05.01.18		P.V.S.		Revision	Problems
05.01.18		P.V.S.		Revision	Problems
06.01.18		P.V.S.		Class Teaching	
06.01.18		P.V.S.		Revision	Problems
08.01.18		P.V.S.		Revision	Problems
09.01.18		P.V.S.		Revision	Problems
10.01.18		P.V.S.		Revision	Problems
11.01.18		P.V.S.		Revision	Problems
12.01.18		P.V.S.		Revision	Problems
12.01.18		P.V.S.		Class Teaching/ Test	

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