

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

कक्षा : बी.एस-सी. भाग-तीन					विषय : इलेक्ट्रॉनिक्स
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2013	1.	A.K. Verma	I	Introduction	Syllabus & Books
16.07.2013	1.	A.K. Verma	III	Number system	Base or Radix
17.07.2013	2	A.K. Verma	I	EM Waves	Maxwell eqn
17.07.2013	2	A.K. Verma	III	No. system	Decimal, binary
18.07.2013	1	A.K. Verma	II	Diff. Ampr	Differential Input
19.07.2013	2	A.K. Verma	II	Diff. Ampr	Common mode i/p
20.07.2013	1	A.K. Verma	IV	Overview of Microprocessor	Introduction
22.07.2013				Class Teaching	
23.07.2013	3	A.K. Verma	I	EM Waves	Maxwell eqn
23.07.2013	3	A.K. Verma	III	No. system	Octal-Haxadecimal
24.07.2013	4	A.K. Verma	I	EM waves	Maxwell eqn
24.07.2013	4	A.K. Verma	III	No. System	Conversion
25.07.2013	3	A.K. Verma	II	Diff. Ampr	CMRR
26.07.2013	4	A.K. Verma	II	Diff. Ampr	Darlington pair
27.07.2013	2	A.K. Verma	IV	MP	Block diagram
29.07.2013				Class Teaching	
30.07.2013	5	A.K. Verma	I	EM Waves	Pointing Theorem
30.07.2013	5	A.K. Verma	III	No. System	Binary Addition, Sub, Multiplication & Division
31.07.2013	6	A.K. Verma	I	EM Waves	Propagation in media
31.07.2013	6	A.K. Verma	III	No. system	BCD & Hexadecimal codes
01.08.2013	5	A.K. Verma	II	Diff. Ampr	Cascaded
03.08.2013	6	A.K. Verma	II	Diff. Ampr	Current Mirror
05.08.2013	3	A.K. Verma	IV	MP	Working
06.08.2013				Class Teaching	
07.08.2013	7	A.K. Verma	I	T.L.	I & V relation
07.08.2013	7	A.K. Verma	III	No. system	Signed numbers
08.08.2013	8	A.K. Verma	I	T.L.	T.L. constants
08.08.2013	8	A.K. Verma	III	No. system	1's & 2's
10.08.2013	7	A.K. Verma	II	Op-Amp	Characteristics
12.08.2013	8	A.K. Verma	II	Op-Amp	Inverting & Non-inverting input

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13.08.2013	4	A.K. Verma	IV	MP	Address data and control bus
14.08.2013				Class Teaching	
16.08.2013	9	A.K. Verma	I	T.L.	Impedance and power factor
16.08.2013	9	A.K. Verma	III	Boolean Algebra	AND, unary, null, identical & complement f ⁿ
17.08.2013	10	A.K. Verma	I	T.L.	Smith Chart
17.08.2013	10	A.K. Verma	III	Boolean Algebra	Sum, product stroke piere arrow
19.08.2013	9	A.K. Verma	II	Op-Amp	I/p offset current and I/p offset voltage
20.08.2013	10	A.K. Verma	II	Op-Amp	Slew rate & power band width
22.08.2013	5	A.K. Verma	IV	MP	Architecture
23.08.2013				Class Teaching	
24.08.2013	11	A.K. Verma	I	T.L.	Matching & Directional coupler
24.08.2013	11	A.K. Verma	III	Boolean Algebra	XOR & XNOR operation
26.08.2013	12	A.K. Verma	I	T.L.	Co-axial lines
26.08.2013	12	A.K. Verma	III	Logic gates	AND, OR, NOT
27.08.2013	11	A.K. Verma	II	Op-Amp	Bode plot & freq. response
29.08.2013	12	A.K. Verma	II	Op-Amp	Voltage follower
30.08.2013	6	A.K. Verma	IV	MP	GPR & ACC
31.08.2013				Evaluation	
02.09.2013	13	A.K. Verma	I	Wave guide	General Consideration
02.09.2013	13	A.K. Verma	III	Logic gates	NAND & NOR
03.09.2013	14	A.K. Verma	I	Wave guide	Rectangular
03.09.2013	14	A.K. Verma	III	Logic gates	Ex-or, concidance
04.09.2013	13	A.K. Verma	II	Op-Amp	Current follower
05.09.2013	14	A.K. Verma	II	Op-Amp	Integrating ckt
06.09.2013	7	A.K. Verma	IV	MP	PC & SP
07.09.2013				Class Teaching	
09.09.2013	15	A.K. Verma	I	Wave guide	Mode of propagation
09.09.2013	15	A.K. Verma	III	Logic gates	Boolean laws
10.09.2013	15	A.K. Verma	II	Op-Amp	Differentiating ckt
10.09.2013	16	A.K. Verma	III	Logic gates	Boolean laws

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11.09.2013	16	A.K. Verma	II	Op-Amp	Audio Amplifier
12.09.2013		A.K. Verma	II	Op-Amp	Log. Amplifier
13.09.2013				Class Teaching	
14.09.2013	8	A.K. Verma	IV	MP	Instruction register & decoder
14.09.2013	17	A.K. Verma	III	Logic gates	Consensus & De-Morgan Theorems
16.09.2013	16	A.K. Verma	I	Wave guide	Mode of propagation
16.09.2013	18	A.K. Verma	III	Logic gate	Quality & composite fn
17.09.2013	17	A.K. Verma	II	Op-Amp	Active filter
20.09.2013	18	A.K. Verma	II	Op-Amp	Active Filter
21.09.2013	9	A.K. Verma	IV	MP	Address register
23.09.2013	10	A.K. Verma	IV	MP	ALU
24.09.2013				Evaluation	
25.09.2013	17	A.K. Verma	I	Wave guide	Impedance matching
25.09.2013	19	A.K. Verma	III	Logic gate	Precedence operation
26.09.2013	19	A.K. Verma	II	Op-Amp	Active filter
26.09.2013	20	A.K. Verma	III	Logic gates	Universality of gates
27.09.2013	20	A.K. Verma	II	Op-Amp	Activa Filter
28.09.2013	11	A.K. Verma	IV	MP	Control unit
30.09.2013	12	A.K. Verma	IV	MP	Designing of control
01.10.2013				Class Teaching	
03.10.2013	18	A.K. Verma	I	Wave guide	Directional
03.10.2013	21	A.K. Verma	III	Combinational ckt	SOP & minterm
07.10.2013	21	A.K. Verma	II	Op-Amp	Active filter
07.10.2013	22	A.K. Verma	III	Combinational ckt	Pos & Maxtam
08.10.2013	22	A.K. Verma	II	Op-Amp	PLL ckt
09.10.2013	13	A.K. Verma	IV	8085 up	Functional descriptions
10.10.2013	14	A.K. Verma	IV	8085 up	Registers
11.10.2013				Class Teaching	
17.10.2013	19	A.K. Verma	I	Wave guide	Cavity resonators
17.10.2013	23	A.K. Verma	III	C.L.C.	Karnaugh map

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19.10.2013	23	A.K. Verma	II	Op-Amp	PLL ckt
19.10.2013	24	A.K. Verma	III	CLC	K-map simple fication
21.10.2013	24	A.K. Verma	II	Op-Amp	VCO
22.10.2013	15	A.K. Verma	IV	8085 up	Interrupts
23.10.2013	16	A.K. Verma	IV	8085 up	Sid & SOD
24.10.2013				Evaluation	
25.10.2013	20	A.K. Verma	I	Space propogation	Ground waves
25.10.2013	25	A.K. Verma	III	CLC	Rebandant & don't care conditions
26.10.2013	25	A.K. Verma	II	Op-Amp	Wave shaping
26.10.2013	26	A.K. Verma	III	C.L.C.	Half adder
28.10.2013	26	A.K. Verma	II	Op-Amp	Wave shaping
29.10.2013	17	A.K. Verma	IV	8085 up	Pin descriptions
30.10.2013	18	A.K. Verma	IV	8085 up	Timing process
06.11.2013				Class Teaching	
07.11.2013	21	A.K. Verma	I	Space propagation	Space waves
07.11.2013	27	A.K. Verma	III	C.L.C.	Full adder
08.11.2013	27	A.K. Verma	II	Op-Amp	Wave shaping
08.11.2013	28	A.K. Verma	III	C.L.C.	Encoder
09.11.2013	28	A.K. Verma	II	Op-Amp	Wave shaping
11.11.2013	19	A.K. Verma	IV	8085 up	Timing cycle
12.11.2013	20	A.K. Verma	IV	8085 up	Timing cycle
15.11.2013				Class Teaching	
16.11.2013	22	A.K. Verma	I	Space propagation	Troposphere
16.11.2013	29	A.K. Verma	III	C.L.C.	Decoder
18.11.2013	23	A.K. Verma	I	Space propagation	Layers
18.11.2013	30	A.K. Verma	III	C.L.C.	BCD to seven segment decoder
19.11.2013	29	A.K. Verma	II	Analog comp.	Summing ampr
20.11.2013	21	A.K. Verma	IV	8085 up	Bus & Halt state
21.11.2013	22	A.K. Verma	IV	8085 up	Hold & HLDA state
22.11.2013				Class Teaching	

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23.11.2013	24	A.K. Verma	I	Space propagation	Zonosphere
23.11.2013	31	A.K. Verma	III	C.L.C.	Mux
25.11.2013	30	A.K. Verma	II	Analog comp.	Integrator
25.11.2013	32	A.K. Verma	III	C.L.C.	De-Mux
26.11.2013	31	A.K. Verma	II	Analog comp.	Differentiator
27.11.2013	23	A.K. Verma	IV	Instruction set of 8085	Data transfer group
28.11.2013	24	A.K. Verma	IV	Instruction set of 8085	Data transfer group
29.11.2013				Evaluation	
30.11.2013	25	A.K. Verma	I	Space propagation	Sky wave
30.11.2013	33	A.K. Verma	III	Logic family	Introduction
02.12.2013	32	A.K. Verma	II	Analog comp.	Simultaneous eqn.
02.12.2013	34	A.K. Verma	III	Logic family	RL, DL
03.12.2013	33	A.K. Verma	II	Analog comp	Differential eqn
06.12.2013	25	A.K. Verma	IV	8085 instruction set	Arithmetic group
07.12.2013	26	A.K. Verma	IV	8085 instruction set	Arithmetic group
09.12.2013				Class Teaching	
11.12.2013	27	A.K. Verma	IV	Instrn set	Branch control group
11.12.2013	35	A.K. Verma	III	Logic family	RTL, DTL
12.12.2013	28	A.K. Verma	IV	Instrn set	Stack operation
12.12.2013	36	A.K. Verma	II	Logic family	TTL
13.12.2013	26	A.K. Verma	I	Space propagation	Skip distance & MUF
14.12.2013	33	A.K. Verma	II	Analog comp	Time scaling
16.12.2013	34	A.K. Verma	II	Analog comp	Amplitude scaling
17.12.2013				Class Teaching	
18.12.2013	29	A.K. Verma	IV	Instrn set	Push, Pop
18.12.2013	38	A.K. Verma	III	Logic family	ECL
19.12.2013	30	A.K. Verma	IV	Instrn set	XTHL, SPHL
19.12.2013	39	A.K. Verma	III	Logic family	CMOS
20.12.2013	27	A.K. Verma	I	Space propagation	Signal strength
21.12.2013	35	A.K. Verma	II	Diff. Ampr	Numericals

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23.12.2013	36	A.K. Verma	II	Diff. Ampr	Numericals
24.12.2013				Evaluation	
26.12.2013	31	A.K. Verma	IV	Instern set	I/O machine control
26.12.2013	40	A.K. Verma	III	Sequential logic ckt	Introduction
27.12.2013	32	A.K. Verma	IV	8085 up	Some examples
27.12.2013	41	A.K. Verma	III	S.L.C.	Designing
28.12.2013	28	A.K. Verma	I	Space propagation	Effect of earth
30.12.2013	37	A.K. Verma	II	Op-Amp	Numericals
31.12.2013	38	A.K. Verma	II	Op-Amp	Numericals
01.01.2014				Class Teaching	
02.01.2014	33	A.K. Verma	IV	Memory	Organisation
02.01.2014	42	A.K. Verma	III	S.L.C.	Synchronous and asynchromous
04.01.2014	34	A.K. Verma	IV	Memory	RAM
04.01.2014	43	A.K. Verma	III	S.L.C.	RS flip-flop
06.01.2014	29	A.K. Verma	I	Space propogation	Satellite common
07.01.2014	30	A.K. Verma	I	Antenna	I & V distribution
08.01.2014	39	A.K. Verma	II	Op-Amp	Numericals
09.01.2014				Class Teaching	
10.01.2014	35	A.K. Verma	IV	Memory	ROM
10.01.2014	44	A.K. Verma	III	S.L.C.	J-K flip flop
11.01.2014	36	A.K. Verma	IV	Memory	Selection & address
11.01.2014	45	A.K. Verma	III	S.L.C.	D flip flop
12.01.2014	31	A.K. Verma	I	Anfenna	Short dipole
15.01.2014	32	A.K. Verma	I	Antenna	Radiation resistance
16.01.2014	40	A.K. Verma	II	Analog comp	Numericals
17.01.2014				Class Teaching	
18.01.2014	37	A.K. Verma	IV	Memory	Mapping
18.01.2014	46	A.K. Verma	III	S.L.C.	T F/F
20.01.2014	38	A.K. Verma	IV	Memory	Chip selat signal
20.01.2014	47	A.K. Verma	III	S.L.C.	Master slave

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21.01.2014	33	A.K. Verma	I	Antenna	Half wave
22.01.2014	34	A.K. Verma	I	Antenna	Full wave
23.01.2014	41	A.K. Verma	II	Analog comp	Numericals
24.01.2014				Class Teaching	
25.01.2014	39	A.K. Verma	IV	Memory	Keyboard interface
25.01.2014	48	A.K. Verma	III	S.L.C.	Counters
27.01.2014	40	A.K. Verma	IV	Memory	Keyboard interface
27.01.2014	49	A.K. Verma	III	S.L.C.	Binary synchronous
28.01.2014	35	A.K. Verma	I	Antenna	Effective length and resistance
29.01.2014	36	A.K. Verma	I	Antenna	Efficiency
30.01.2014	41	A.K. Verma	IV	Memory	Display interface
31.01.2014				Evaluation	
01.02.2014	42	A.K. Verma	IV	Memory	Display interface
01.02.2014	50	A.K. Verma	III	S.L.C.	Mod-10 & up-down
03.02.2014	43	A.K. Verma	IV	Pension paper	Solution
03.02.2014	51	A.K. Verma	III	S.L.C.	Shift register
04.02.2014	37	A.K. Verma	I	Antenna	Grounding & matching
05.02.2014	38	A.K. Verma	I	Antenna	Folded dipole & antenna arrays
06.02.2014	42	A.K. Verma	II	Previous paper	Solution
07.02.2014				Class Teaching	
08.02.2014	44	A.K. Verma	IV	Previous paper	Solution
08.02.2014	52	A.K. Verma	III	Converters	ADC
10.02.2014	45	A.K. Verma	IV	Previous paper	Solution
10.02.2014	53	A.K. Verma	III	Converters	DAC
11.02.2014	39	A.K. Verma	I	Antenna	Television antenna
12.02.2014	40	A.K. Verma	I	Previous paper	Solution
13.02.2014	43	A.K. Verma	II	Previous paper	Solution
14.02.2014				Class Teaching	