

2015-2016, II ECE-C, I Semester, STD

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	4/8/15	Introduction to STD	I	LR		
2	4/8/15	Number system base conversion	"			
3	5/8/15	Number system base conversion	"			
4	7/8/15	Number system base conversion	"			
5	11/8/15	Complementation of number	"			
6	11/8/15	Complementation of number	"			
7	12/8/15	BCD, Excess-3, 2421, gray code	"			
8	14/8/15	Error detection & correction	"			
9	18/8/15	Error detection & correction	"			
10	18/8/15	Hamming codes	"			
11	19/8/15	Basic logic gates	II			
12	21/8/15	Boolean theorems	"			
13	25/8/15	Standard SOP & POS	"			
14	25/8/15	Minimization of logic function	"			
15	26/8/15	Minimization of logic function	"			
16	28/8/15	Multilevel NAND-NAND	"			
17	1/9/15	Multilevel NOR-NOR	"			
18	1/9/15	Minimization using K-map	"			
19	2/9/15	Minimization using K-map	"			
20	4/9/15	Code conversion & binary addition	"			

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21	8/9/15	Tables information	II			
22	8/9/15	Tables information	"			
23	15/9/15	Design of 4:1, 8:1, FA	III			
24	15/9/15	Half add and Full add	"			
25	16/9/15	Application of Full add	"			
26	18/9/15	4-bit binary adder	"			
27	22/9/15	4-bit binary adder	"			
28	22/9/15	BCD adder	"			
29	23/9/15	Excess-3 adder	"			
30	25/9/15	Carry look-ahead adder	"			
31	29/9/15	Decoders	"			
32	29/9/15	Encoders & priority encoder	"			
33	30/9/15	Multiplexers	"			
34	6/10/15	Demultiplexers	"			
35	6/10/15	Comparators	"			
36	7/10/15	Seven segment display	"			
37	9/10/15	Classification of flip-flops	IV			
38	13/10/15	Flip-flops	"			
39	13/10/15	Flip-flops	"			
40	14/10/15	Flip-flops	"			

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41	27/10/15	Conversion of FPS	IV			
42	29/10/15	Conversion of FPS	"			
43	28/10/15	Design of ripple carry	"			
44	30/10/15	Design of ripple carry	"			
45	31/11/15	Design of synchronous counter	"			
46	3/11/15	Design of synchronous counter	"			
47	4/11/15	Design of synchronous counter	"			
48	6/11/15	Shift registers	"			
49	10/11/15	Types of shift register	"			
50	10/11/15	Universal shift register	"			
51	11/11/15	Basic language element	V			
52	13/11/15	Basic language element	"			
53	17/11/15	Basic language element	"			
54	17/11/15	Data style of modules	"			
55	18/11/15	Structural style of modules	"			
56	20/11/15	Behavioral style of modules	"			

LESSON PLAN

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