

LESSON PLAN

Week	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	20/11/23	Embedded system Def	5	B.O		
		Embedded system V. Embedded system				
22	21/11/23	Embedded system Def	"	B.O		
		Classification of ES	"	"		
23	22/11/23	Microcontroller Def	"	B.O		
		Properties of ES	"	"		
24	23/11/23	The typical ES	"	B.O		
		Microcontroller	"	"		
25	24/11/23	Memory, Secondary	"	B.O		
		Microcontroller	"	"		
26	25/11/23	Communication Interface	"	B.O		
27	26/11/23	Embedded Firmware	"	B.O		
		Microcontroller	"	"		
28	27/11/23	PC and Router Config	"	B.O		
29	28/11/23	Characteristics of ES	"	B.O		
30	29/11/23	Microcontroller ES	"	"		
31	30/11/23	Application specific	"	"		
32	01/12/23	Embedded system	"	"		
33	02/12/23	Microcontroller	"	B.O		

LESSON PLAN

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34	03/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
35	04/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
36	05/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
37	06/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
38	07/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
39	08/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
40	09/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
41	10/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
42	11/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
43	12/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
44	13/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
45	14/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
46	15/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
47	16/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
48	17/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
49	18/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
50	19/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
51	20/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
52	21/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
53	22/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
54	23/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
55	24/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
56	25/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
57	26/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
58	27/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
59	28/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
60	29/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
61	30/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		
62	31/12/23	Microcontroller Def	"	B.O		
		Microcontroller	"	"		

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23/1	19/12	Embedded Firmware design Approaches	✓	OB		
23/2	20/12	Embedded Firmware development - debugging	"	OB		
23/3	21/12	ISB Concepts	"	OB		
23/4	22/12	Interrupt Sources	"			
23/5	23/12	Interrupt - Device	"	OB		
23/6	24/12	Interrupt - Device Mechanism	"			
23/7	25/12	Multiple Interrupts	"	OB		
23/8	26/12	DMN, Device Driver programming	"			
23/9	27/12	Concepts of C & C++	"	PPT		
23/10	28/12	Embedded C	"			
23/11	29/12	Compiler vs. Cross Compiler	"	PPT		
23/12	30/12	Operating System	✓	OB		
23/13	31/12	Basics, Types & OS	"	OB		
23/14	1/1	Tasks, Priority and Threads	"	OB		

LESSON PLAN

Period	Date	Topic	Unit No	Teaching Methodology	Remarks	Corrective Action Upon Review
23/15	2/1	Multitasking	✓	OB		
23/16	3/1	Task Scheduling	"			
23/17	4/1	Task Scheduling	"	PPT		
23/18	5/1	Task Scheduling	"			
23/19	6/1	Task Scheduling	"	OB		
23/20	7/1	Task Scheduling	"			
23/21	8/1	Task Scheduling	"	OB		
23/22	9/1	Task Scheduling	"			
23/23	10/1	Task Scheduling	"	OB		
23/24	11/1	Task Scheduling	"			
23/25	12/1	Task Scheduling	"	PPT		
23/26	13/1	Task Scheduling	"			
23/27	14/1	Task Scheduling	"	OB		
23/28	15/1	Task Scheduling	"			
23/29	16/1	Task Scheduling	"	PPT		
23/30	17/1	Task Scheduling	"			
23/31	18/1	Task Scheduling	"	OB		
23/32	19/1	Task Scheduling	"			
23/33	20/1	Task Scheduling	"	PPT		
23/34	21/1	Task Scheduling	"			
23/35	22/1	Task Scheduling	"	OB		
23/36	23/1	Task Scheduling	"			
23/37	24/1	Task Scheduling	"	PPT		
23/38	25/1	Task Scheduling	"			
23/39	26/1	Task Scheduling	"	OB		
23/40	27/1	Task Scheduling	"			
23/41	28/1	Task Scheduling	"	PPT		
23/42	29/1	Task Scheduling	"			
23/43	30/1	Task Scheduling	"	OB		
23/44	31/1	Task Scheduling	"			
23/45	1/2	Task Scheduling	"	PPT		
23/46	2/2	Task Scheduling	"			
23/47	3/2	Task Scheduling	"	OB		
23/48	4/2	Task Scheduling	"			
23/49	5/2	Task Scheduling	"	PPT		
23/50	6/2	Task Scheduling	"			
23/51	7/2	Task Scheduling	"	OB		
23/52	8/2	Task Scheduling	"			
23/53	9/2	Task Scheduling	"	PPT		
23/54	10/2	Task Scheduling	"			
23/55	11/2	Task Scheduling	"	OB		
23/56	12/2	Task Scheduling	"			
23/57	13/2	Task Scheduling	"	PPT		
23/58	14/2	Task Scheduling	"			
23/59	15/2	Task Scheduling	"	OB		
23/60	16/2	Task Scheduling	"			
23/61	17/2	Task Scheduling	"	PPT		
23/62	18/2	Task Scheduling	"			
23/63	19/2	Task Scheduling	"	OB		
23/64	20/2	Task Scheduling	"			
23/65	21/2	Task Scheduling	"	PPT		
23/66	22/2	Task Scheduling	"			
23/67	23/2	Task Scheduling	"	OB		
23/68	24/2	Task Scheduling	"			
23/69	25/2	Task Scheduling	"	PPT		
23/70	26/2	Task Scheduling	"			
23/71	27/2	Task Scheduling	"	OB		
23/72	28/2	Task Scheduling	"			
23/73	29/2	Task Scheduling	"	PPT		
23/74	30/2	Task Scheduling	"			
23/75	31/2	Task Scheduling	"	OB		
23/76	1/3	Task Scheduling	"			
23/77	2/3	Task Scheduling	"	PPT		
23/78	3/3	Task Scheduling	"			
23/79	4/3	Task Scheduling	"	OB		
23/80	5/3	Task Scheduling	"			
23/81	6/3	Task Scheduling	"	PPT		
23/82	7/3	Task Scheduling	"			
23/83	8/3	Task Scheduling	"	OB		
23/84	9/3	Task Scheduling	"			
23/85	10/3	Task Scheduling	"	PPT		
23/86	11/3	Task Scheduling	"			
23/87	12/3	Task Scheduling	"	OB		
23/88	13/3	Task Scheduling	"			
23/89	14/3	Task Scheduling	"	PPT		
23/90	15/3	Task Scheduling	"			
23/91	16/3	Task Scheduling	"	OB		
23/92	17/3	Task Scheduling	"			
23/93	18/3	Task Scheduling	"	PPT		
23/94	19/3	Task Scheduling	"			
23/95	20/3	Task Scheduling	"	OB		
23/96	21/3	Task Scheduling	"			
23/97	22/3	Task Scheduling	"	PPT		
23/98	23/3	Task Scheduling	"			
23/99	24/3	Task Scheduling	"	OB		
23/100	25/3	Task Scheduling	"			

LESSON PLAN

Period (tentative)	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
49/11	29/11	The basic general Development and "	VII	DB		
		Environment	"			
50/2	30/11	Types of Ecosystems	"	DB		
		on farm completion	"			
51/2	31/11	Defensibility/Defensibility	"	DB		
52/4	2/12	Simulation, Food	"	DB		
		System, debugging	"			
53/5	3/12	Boundary Scan	"	PPT		
54/6	5/12	Embedded Soft	"	PPT		
		ware development	"			
		Process and tools	"			
55/7	6/12	Boundary Scan	"	DB		
		Embedded Soft	"			
56/8	27/12	ware development	"	DB		
57/9	10/12	Process and tools	"	DB		
58/10	11/12	Review of course		DB		
		6000				

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Period (tentative)	Date	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
59/1	12/12	The Modern Software	VIII	DB		
		Development tool				
60/2	14/12	CAD and the H/W	"	DB		
61/7	16/12	Traveler's tools	"	DB		
62/4	17/12	Preprocessor and	"	DB		
		System	"			
63/5	19/12	Capillary tubes	"	PPT		
		and debugging	"			
64/6	20/12	Boards Assembly	"	PPT		
		and Testing	"			
		design	"			
65/6	23/12	Testing on Host	"	DB		
		Machine	"			
66/7	24/12	Simulation laboratory	"	DB		
		Tools	"			
67/8	26/12	Appreciation	"	DB		
68/9	28/12	CAD & H/W	"	DB		
69/10	30/12	Review of course		DB		
		8				
70/11	1/1	Old Boardroom		DB		
		2/10, 1/11				
		5/10				

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