LESSON PLAN

Period	Date (Tentative)	Topic	Unit No	Teaching Methodology	Remarks	Corrective Action Upon Review
1	30-3-15	Introduction to Basic Simulation	I	PPT		
2	31-3-15	Systems, models, Simulation		"		
3	1-4-15	Discrete event Simulation		"		
4	6-4-15	— do —		"		
5	7-4-15	Simulation of single server queueing system		"		
6	8-4-15	— do —		"		
7	10-4-15	Simulation of Inventory System		"		
8	13-4-15	— do —		"		
9	14-4-15	Alternative approaches to modeling & [illegible]		"		
10	15-4-15	Simulation Software – Introduction,	II	"		
11	17-4-15	Comparison of Simulation packages with programming languages		"		
12	20-4-15	Classification of Software, Desirable software features		"		
13	21-4-15	General purpose simulation packages – Arena,		"		
14	22-4-15	Extend & others — do —		"		
15	24-4-15	Object Oriented Simulation		"		
16	27-4-15	Examples of application oriented Simulation packages.		"		
17	28-4-15	Guidelines for determining levels of model detail	III	"		
18	29-4-15	Techniques for increasing model validity & credibility		"		
19	1-5-15	— do —		"		
20	18-5-15	— do —		"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	19-5-15	Modeling input signals, delay	III	PPT		
22	20-5-15	System Integration		"		
23	22-5-15	Linear Systems		"		
24	25-5-15	Motion Control models		"		
25	26-5-15	Numerical experimentation		"		
26	27-5-15	Exogenous Signals & events: Disturbance [illegible]	IV	"		
27	8-6-15	State machines		"		
28	9-6-15	Petri nets & analysis		"		
29	10-6-15	— do —		"		
30	12-6-15	System encapsulation		"		
31	15-6-15	— do —		"		
32	16-6-15	Markov processes – Probabilistic systems		"		
33	17-6-15	Discrete time Markov processes, Random walks		"		
34	19-6-15	Poisson Processes		"		
35	22-6-15	The exponential distribution		"		
36	23-6-15	Simulating a Poisson process		"		
37	24-6-15	Continuous time Markov processes		"		
38	26-6-15	Event driven models Simulation diagrams	V	"		
39	29-6-15	Queueing theory		"		
40	30-6-15	— do —		"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
41.	1-7-15	Simulation queuing systems	V	PPT		
42	3-7-15	— do —	"	"		
43	6-7-15	Types of queue		"		
44.	7-7-15	Multiple Servers		"		
45.	8-7-15	System Optimization — System identification	VI	"		
46	10-7-15	Searching		"		
47.	13-7-15	Alpha / beta tracking		"		
48.	14-7-15	— do —		"		
49.	15-7-15	Multidimensional optimization		"		
50.	17-7-15	Modeling & simulation		"		
51	20-7-15	methodology — do —		"		
52.	21-7-15 to 24-7-15	Seminars		D.B using PPT		