

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
(1)	5/3/18	Introduction	I	BB.		
(2)	7/3/18	systems, Models				
(3)	8/3/18	Simulations types				
(4)	12/3/18	Advantages of Simulation.				
(5)	13/3/18	Discrete event simulation				
(6)	15/3/18	Simulation of single server queue system				
(7)	16/3/18	Simulation of Inventory system				
(8)	20/3/18	Alternate approaches of Modelling				
(9)	22/3/18	Alternative approaches of Simulation				
10)	28/3/18	Introduction to simulation Models.	II	BB		

BB: Black Board.

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
11	26/3/18	Comparison of emulation packages	<u>I</u>	BB		
12	27/3/18	comparison of simulation packages.				
13	29/3/18	classification of softwares				
14	30/3/18	Desirable software features				
15	2/4/18	General purpose simulation packages				
16	3/4/18	continued				
17	5/4/18	object oriented simulation				
18	6/4/18	examples of application oriented simulation packages				
19	9/4/18	Introduction to signals and events	<u>III</u>	BB		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
20	10/8/18	guidelines for levels of simulation	<u>III</u>	BB		
21	12/8/18	continued	<u>III</u>	BB		
22	13/8/18	analysis types				
23	16/8/18	Increasing Model validity				
24	17/8/18	Model Credibility				
25	19/8/18	Introduction to time driven systems				
26	20/8/18	Modelling A/p's, delay delay system Integration.				
27	23/8/18	Motion control models, Numerical Experimentation				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
28	11/6/18	Introduction to exogenous solution	IV			
29	12/6/18	Disturbance signals				
30	14/6/18	State machine				
31	18/6/18	petri nets & analysis				
32	19/6/18	petri nets				
33	21/6/18	system encapsulation				
34	22/6/18	probabilistic systems,				
35	25/6/18	Discrete time markov process				
36	26/6/18	Random walk and poisson process				
37	28/6/18	exponential distribution.				
38	29/6/18	Simulation poisson process				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
39)	2/3/18	Continuous time markov process				
40	3/3/18	Introduction to event- driven simulation	IV	BB		
41)	5/3/18	Simulation diagrams				
42)	6/3/18	Simulation diagrams				
43)	9/3/18	Queueing theory				
44)	10/3/18	Simulation queueing systems				
45)	12/3/18	Types of Queueing				
46)	13/3/18	Multiple Servers				
47)	16/3/18	Multiple servers				
48)	17/3/18	Introduction to system optimization	V	BB		

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