

St Ann's College of Engineering and Technology  
Department of Computer Science and Engineering

Lecture Schedule

Subject : OOAD USING UML

Year III CSEA -I SEM

Name of the Faculty: M.Lakshmi Bai

Academic Year:2019-20

No of Classes per week: 5+1\*(Tutorial)

S.NO	DATE	UNIT	TOPIC
1	10-Jun-19	I	Introduction to UML
2	11-Jun-19		The Structure of Complex systems
3	13-Jun-19		The Inherent Complexity of Software
4	13-Jun-19		Attributes of Complex System
5	14-Jun-19		Organized and Disorganized Complexity
6	15-Jun-19		Bringing Order toChaos
7	17-Jun-19		Designing Complex Systems
8	18-Jun-19		Evolution of Object Model
9	20-Jun-19		Designing Complex Systems
10	<b>20-Jun-19</b>		Tutorial
11	21-Jun-19		Evolution of Object Model
12	22-Jun-19		Foundation of Object Model
13	24-Jun-19		Elements of Object Model
14	25-Jun-19		Elements of Object Model
15	27-Jun-19		Applying the Object Model
16	<b>27-Jun-19</b>		Tutorial
17	28-Jun-19		Revision
18	29-Jun-19		Unit test-1
19	1-Jul-19	II	Unit-2 :Classes and Objects
20	2-Jul-19		Nature of object
21	4-Jul-19		Relationships among objects
22	<b>4-Jul-19</b>		Tutorial
23	5-Jul-19		Nature of a Class, Relationship among classes
24	6-Jul-19		Interplay of Classes and Objects
25	8-Jul-19		Identifying Classes and Objects
26	9-Jul-19		Importance of Proper Classification
27	11-Jul-19		Identifying Classes and Objects
28	<b>11-Jul-19</b>		Tutorial
29	12-Jul-19		Key abstractions andMechanisms.
30	15-Jul-19		Revision
31	16-Jul-19	Unit test-2	
32	18-Jul-19	III	Unit-3: Why we model UML diagrams
33	<b>18-Jul-19</b>		Tutorial
34	19-Jul-19		Conceptual model of UML
35	20-Jul-19		Architecture
36	22-Jul-19		Classes and relationships
37	23-Jul-19		Common Mechanisms of classes
38	25-Jul-19		Common Mechanisms of relationships
39	<b>25-Jul-19</b>		Tutorial
40	26-Jul-19		Class diagrams
41	27-Jul-19		Object diagrams
42	29-Jul-19		Common Mechanisms
43	30-Jul-19		Revision
44	1-Aug-19	Revision	
45	<b>1-Aug-19</b>	Tutorial	
46	2-Aug-19	Revision	
47	3-Aug-19	Revision	
48	5-Aug-19	MID-I	I-MID- Revision
49	6-Aug-19		I-MID- Revision
50	8-Aug-19		I-MID- Revision
51	8-Aug-19		I-MID- Revision
52	9-Aug-19		I-MID- Revision
53	10-Aug-19		I-MID- Revision
54	13-Aug-19		Unit-4: Basic Behavioral Modeling

55	16-Aug-19	IV	Interactions
56	17-Aug-19		Interaction diagrams
57	19-Aug-19		Use cases
58	20-Aug-19		Use case Diagrams
59	22-Aug-19		Activity Diagrams
60	<b>22-Aug-19</b>		Tutorial
61	26-Aug-19		Common Mechanisms
62	27-Aug-19		Revision
63	29-Aug-19		Unit test-4
64	29-Aug-19		Unit-5: Advanced Behavioral Modeling
65	30-Aug-19	V	Events and signals
66	31-Aug-19		Events and signals
67	3-Sep-19		state machines
68	<b>5-Sep-19</b>		Tutorial
69	6-Sep-19		processes and Threads
70	7-Sep-19		processes and Threads
71	9-Sep-19		timeand space
72	12-Sep-19		state chart diagrams
73	<b>12-Sep-19</b>		Tutorial
74	13-Sep-19		state chart diagrams
75	16-Sep-19	state chart diagrams	
76	17-Sep-19	Revision	
77	<b>19-Sep-19</b>	Tutorial	
78	19-Sep-19	Unit test 5	
79	20-Sep-19	VI	Unit-6: Architectural Modeling
80	21-Sep-19		Component
81	23-Sep-19		Deployment
82	24-Sep-19		Component diagrams
83	26-Sep-19		Deploymentdiagrams
84	<b>26-Sep-19</b>		Tutorial
85	27-Sep-19		Case Study: The Unified Library application
86	28-Sep-19		Revision previous Question papers
87	30-Sep-19		Revision previous Question papers
88	30-Sep-19		Revision previous Question papers
89	1-Oct-19	Revision previous Question papers	
90	3-Oct-19	Revision previous Question papers	
91	3-Oct-19	Revision previous Question papers	
92	4-Oct-19	Revision previous Question papers	
93	5-Oct-19	Revision previous Question papers	
94	7-Oct-19	MID-II	II-MID- Revision
95	10-Oct-19		II-MID- Revision
96	10-Oct-19		II-MID- Revision
97	11-Oct-19		II-MID- Revision
98	12-Oct-19		II-MID- Revision

**TEXT BOOKS:**

1. "Object- Oriented Analysis And Design with Applications", Grady BOOCH, Robert A. Maksimchuk, Michael W. ENGLE, Bobbi J. Young, Jim Conallen, Kellia Houston, 3rd edition, 2013, PEARSON.
2. "The Unified Modeling Language User Guide", Grady Booch, James Rumbaugh, Ivar Jacobson, 12th Impression, 2012, PEARSON.

**REFERENCE BOOKS:**

1. "Object-oriented analysis and design using UML", Mahesh P. Matha, PHI
2. "Head first object-oriented analysis and design", Brett D. McLaughlin, Gary Pollice, Dave West, O'Reilly
3. "Object-oriented analysis and design with the Unified process", John W. Satzinger, Robert B. Jackson, Stephen D. Burd, Cengage Learning
4. "The Unified modeling language Reference manual", James Rumbaugh, Ivar Jacobson, Grady Booch, Addison-Wesley

**Signature of the Faculty**

**Signature of the HOD**



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