

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

**Lecture Schedule**

**Subject : OOAD USING UML**

**Year III CSEB -I SEM**

**Name of the Faculty: D.Madhuri**

**Academic Year:2019-20**

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

S.NO	DATE	UNIT	TOPIC
1	11-Jun-2019	I	Introduction to UML
2	12-Jun-2019		The Structure of Complex systems
3	13-Jun-2019		The Inherent Complexity of Software
4	13-Jun-2019		Tutorial
5	14-Jun-2019		Attributes of Complex System
6	15-Jun-2019		Organized and Disorganized Complexity
7	18-Jun-2019		Bringing Order toChaos
8	19-Jun-2019		Designing Complex Systems
9	20-Jun-2019		Evolution of Object Model
10	20-Jun-2019		Tutorial
11	21-Jun-2019		Designing Complex Systems
12	22-Jun-2019		Evolution of Object Model
13	25-Jun-2019		Foundation of Object Model
14	26-Jun-2019		Elements of Object Model
15	27-Jun-2019		Elements of Object Model
16	27-Jun-2019		Tutorial
17	28-Jun-2019		Applying the Object Model
18	29-Jun-2019		Revision
19	2-Jul-2019		Unit test-1
20	3-Jul-2019	II	Unit-2 :Classes and Objects
21	4-Jul-2019		Nature of object
22	4-Jul-2019		Tutorial
23	5-Jul-2019		Relationships among objects
24	6-Jul-2019		Nature of a Class, Relationship among classes
25	9-Jul-2019		Interplay of Classes and Objects
26	10-Jul-2019		Identifying Classes and Objects
27	11-Jul-2019		Importance of Proper Classification
28	11-Jul-2019		Tutorial
29	12-Jul-2019		Identifying Classes and Objects
30	16-Jul-2019		Key abstractions andMechanisms.
31	17-Jul-2019		Revision
32	18-Jul-2019		Tutorial
33	18-Jul-2019		Unit test-2
34	19-Jul-2019	III	Unit-3: Why we model UML diagrams
35	20-Jul-2019		Conceptual model of UML
36	23-Jul-2019		Architecture
37	24-Jul-2019		Classes and relationships
38	25-Jul-2019		Common Mechanisms of classes
39	25-Jul-2019		Tutorial
40	26-Jul-2019		Common Mechanisms of relationships
41	27-Jul-2019		Class diagrams
42	30-Jul-2019		Object diagrams
43	31-Jul-2019		Common Mechanisms
44	1-Aug-2019		Revision
45	1-Aug-2019		Tutorial
46	2-Aug-2019		Revision
47	3-Aug-2019		Revision
48	6-Aug-2019	MID-I	I-MID- Revision
49	7-Aug-2019		I-MID- Revision
50	8-Aug-2019		I-MID- Revision
51	8-Aug-2019		I-MID- Revision
52	9-Aug-2019		I-MID- Revision
53	10-Aug-2019		I-MID- Revision

54	13-Aug-2019	IV	Unit-4: Basic Behavioral Modeling	
55	14-Aug-2019		Tutorial	
56	16-Aug-2019		Interactions	
57	17-Aug-2019		Interaction diagrams	
58	20-Aug-2019		Use cases	
59	21-Aug-2019		Use case Diagrams	
60	22-Aug-2019		Activity Diagrams	
61	22-Aug-2019		Tutorial	
62	27-Aug-2019		Common mechanisms	
63	28-Aug-2019		Revision	
64	29-Aug-2019		Tutorial	
65	29-Aug-2019		Unit test-4	
66	30-Aug-2019		V	Unit-5: Advanced Behavioral Modeling
67	31-Aug-2019			Events and signals
68	3-Sep-2019			Events and signals
69	4-Sep-2019	state machines		
70	5-Sep-2019	processes and Threads		
71	5-Sep-2019	Tutorial		
72	6-Sep-2019	processes and Threads		
73	7-Sep-2019	timeand space		
74	11-Sep-2019	state chart diagrams		
75	12-Sep-2019	state chart diagrams		
76	12-Sep-2019	Tutorial		
77	13-Sep-2019	Common mechanisms		
78	17-Sep-2019	Revision		
79	18-Sep-2019	Unit test-5		
80	19-Sep-2019	VI	Unit-6: Architectural Modeling	
81	19-Sep-2019		Tutorial	
82	20-Sep-2019		Component	
83	21-Sep-2019		Deployment	
84	24-Sep-2019		Component diagrams	
85	25-Sep-2019		Deploymentdiagrams	
86	26-Sep-2019		Case Study: The Unified Library application	
87	26-Sep-2019		Tutorial	
88	27-Sep-2019		Revision previous Question papers	
89	28-Sep-2019		Revision previous Question papers	
90	1-Oct-2019		Revision previous Question papers	
91	3-Oct-2019		Revision previous Question papers	
92	3-Oct-2019		Tutorial	
93	4-Oct-2019		Revision previous Question papers	
94	5-Oct-2019		Revision previous Question papers	
95	9-Oct-2019		Revision previous Question papers	
96	10-Oct-2019	MID-II	II-MID- Revision	
97	10-Oct-2019		II-MID- Revision	
98	11-Oct-2019		II-MID- Revision	
99	12-Oct-2019		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