

St Ann's C
Departmen

Subject : OOAD USING UML

Name of the Faculty: D.Madhuri

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

S.NO	DATE	UNIT
1	10-Jun-2019	I
2	11-Jun-2019	
3	13-Jun-2019	
4	14-Jun-2019	
5	14-Jun-2019	
6	15-Jun-2019	
7	17-Jun-2019	
8	18-Jun-2019	
9	20-Jun-2019	
10	21-Jun-2019	
11	21-Jun-2019	
12	22-Jun-2019	
13	24-Jun-2019	
14	25-Jun-2019	
15	27-Jun-2019	
16	28-Jun-2019	
17	28-Jun-2019	
18	29-Jun-2019	
19	1-Jul-2019	
20	2-Jul-2019	II
21	4-Jul-2019	
22	5-Jul-2019	
23	5-Jul-2019	
24	6-Jul-2019	
25	8-Jul-2019	
26	9-Jul-2019	
27	11-Jul-2019	
28	12-Jul-2019	
29	12-Jul-2019	
30	15-Jul-2019	
31	16-Jul-2019	
32	18-Jul-2019	
33	19-Jul-2019	
34	19-Jul-2019	III
35	20-Jul-2019	
36	22-Jul-2019	
37	23-Jul-2019	
38	25-Jul-2019	
39	26-Jul-2019	
40	26-Jul-2019	
41	27-Jul-2019	
42	29-Jul-2019	
43	30-Jul-2019	
44	1-Aug-2019	
45	2-Aug-2019	
46	2-Aug-2019	
47	3-Aug-2019	
48	5-Aug-2019	MID-I
49	6-Aug-2019	
50	8-Aug-2019	
51	9-Aug-2019	
52	9-Aug-2019	

53	10-Aug-2019		
54	13-Aug-2019	IV	
55	16-Aug-2019		
56	16-Aug-2019		
57	17-Aug-2019		
58	19-Aug-2019		
59	20-Aug-2019		
60	22-Aug-2019		
61	26-Aug-2019		
62	27-Aug-2019		
63	29-Aug-2019		
64	30-Aug-2019		
65	30-Aug-2019		
66	31-Aug-2019		V
67	3-Sep-2019		
68	5-Sep-2019		
69	6-Sep-2019		
70	6-Sep-2019		
71	7-Sep-2019		
72	9-Sep-2019		
73	12-Sep-2019		
74	13-Sep-2019		
75	13-Sep-2019		
76	16-Sep-2019		
77	17-Sep-2019		
78	17-Sep-2019		
79	19-Sep-2019	VI	
80	20-Sep-2019		
81	20-Sep-2019		
82	21-Sep-2019		
83	23-Sep-2019		
84	24-Sep-2019		
85	26-Sep-2019		
86	27-Sep-2019		
87	27-Sep-2019	MID-II	
88	28-Sep-2019		
89	28-Sep-2019		
90	30-Sep-2019		
91	1-Oct-2019		
92	3-Oct-2019		
93	4-Oct-2019		
94	4-Oct-2019		
95	5-Oct-2019		
96	7-Oct-2019		
97	10-Oct-2019		
98	11-Oct-2019		
99	11-Oct-2019		
100	12-Oct-2019		

TEXT BOOKS:

1. "Object- Oriented Analysis And Design with Michael W. ENGLE, Bobbi J. Young, Jim Conalle
2. "The Unified Modeling Language User Guide, 12th Impression, 2012, PEARSON.

REFERENCE BOOKS:

1. "Object-oriented analysis and design using
2. "Head first object-oriented analysis and des
3. "Object-oriented analysis and design with t Stephen D. Burd, Cengage Learning

4. "The Unified modeling language Reference
Addison-Wesley

Signature of the Faculty

College of Engineering and Technology
Department of Computer Science and Engineering

Lecture Schedule
Year III CSE C-I SEM
Academic Year:2019-20

TOPIC
Introduction to UML
The Structure of Complex systems
The Inherent Complexity of Software
Attributes of Complex System
Tutorial
Organized and Disorganized Complexity
Bringing Order toChaos
Designing Complex Systems
Evolution of Object Model
Designing Complex Systems
Tutorial
Evolution of Object Model
Foundation of Object Model
Elements of Object Model
Elements of Object Model
Applying the Object Model
Tutorial
Revision
Unit test-1
Unit-2 :Classes and Objects
Nature of object
Relationships among objects
Tutorial
Nature of a Class, Relationship among classes
Interplay of Classes and Objects
Identifying Classes and Objects
Importance of Proper Classification
Identifying Classes and Objects
Tutorial
Key abstractions andMechanisms.
Revision
Tutorial
Unit test-2
Unit-3: Why we model UML diagrams
Conceptual model of UML
Architecture
Classes and relationships
Common Mechanisms of classes
Common Mechanisms of relationships
Tutorial
Class diagrams
Object diagrams
Common Mechanisms
Revision
Revision
Tutorial
Revision
I-MID- Revision
I-MID- Revision
I-MID- Revision
I-MID- Revision
I-MID- Revision

I-MID- Revision
Unit-4: Basic Behavioral Modeling
Interactions
Tutorial
Interaction diagrams
Use cases
Use case Diagrams
Activity Diagrams
Tutorial
Common mechanisms
Revision
Tutorial
Unit test-4
Unit-5: Advanced Behavioral Modeling
Events and signals
Events and signals
state machines
processes and Threads
Tutorial
processes and Threads
timeand space
state chart diagrams
Tutorial
state chart diagrams
Common mechanisms
Revision
Unit test-5
Unit-6: Architectural Modeling
Tutorial
Component
Deployment
Component diagrams
Deploymentdiagrams
Case Study: The Unified Library application
Tutorial
Revision previous Question papers
Revision previous Question papers
Revision previous Question papers
Revision previous Question papers
Tutorial
Revision previous Question papers
Revision previous Question papers
Revision previous Question papers
II-MID- Revision
II-MID- Revision
II-MID- Revision
II-MID- Revision
II-MID- Revision

Applications”, Grady BOOCH, Robert A. Maksimchuk,
en, Kellia Houston, 3rd edition, 2013, PEARSON.
e”, Grady Booch, James Rumbaugh, Ivar Jacobson,

UML”, Mahesh P. Matha, PHI
sign”, Brett D. McLaughlin, Gary Pollice, Dave West, O’Reilly
he Unified process”, John W. Satzinger,Robert B. Jackson,

manual", James Rumbaugh, Ivar Jacobson, Grady Booch,

Signature of the HOD