

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

Lecture Schedule

Subject : UML&DP

Year IV CSE C-I SEM

Name of the Faculty: Dr.D.N.V.Syam Kumar

Academic Year:2018-19

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

S.NO	DATE	UNIT	TOPIC
1	11-Jun-2018	I	Introduction to UML
2	12-Jun-2018		Introduction to UML
3	13-Jun-2018		Introduction to UML
4	14-Jun-2018		Introduction to UML
5	18-Jun-2018		Tutorial
6	19-Jun-2018		Introduction to OOAD
7	20-Jun-2018		Typical activities of OOAD
8	21-Jun-2018		Workflows / disciplines in OOAD
9	22-Jun-2018		Introduction to iterative development and the Unified Process
10	23-Jun-2018		iterative development and the Unified Process
11	25-Jun-2018		Tutorial
12	26-Jun-2018		Introduction to UML diagrams
13	27-Jun-2018		Mapping disciplines to UML artifacts
14	28-Jun-2018		Introduction to Design Patterns
15	29-Jun-2018		goals of a good design
16	30-Jun-2018		Introducing a case study with MVC architecture
17	2-Jul-2018		Tutorial
18	3-Jul-2018		MVC architecture
19	4-Jul-2018		Revision
20	5-Jul-2018		Unit test-1
21	6-Jul-2018	III	Unit-2: Inception
22	7-Jul-2018		Artifacts in inception
23	9-Jul-2018		Tutorial
24	10-Jul-2018		Understanding requirements - the FURPS model
25	11-Jul-2018		Understanding Use case model
26	12-Jul-2018		Introduction, use case types and formats, Writing use cases
27	13-Jul-2018		Goals and scope of a use case, elements
28	14-Jul-2018		Sections of a use case
29	16-Jul-2018		Tutorial
30	17-Jul-2018		Use case diagrams
31	18-Jul-2018		Use cases in the UP context and UP artifacts
32	19-Jul-2018		Identifying additional requirements
33	20-Jul-2018		Writing requirements for the case study in the use case model
34	21-Jul-2018		Revision
35	23-Jul-2018		Tutorial
36	24-Jul-2018		Unit test-2
37	25-Jul-2018	III	Unit-3: Elaboration: System sequence diagrams for use case model
38	26-Jul-2018		Domain model
39	27-Jul-2018		Identifying concepts, adding associations
40	28-Jul-2018		Adding attributes for use case
41	30-Jul-2018		Tutorial
42	31-Jul-2018		Interaction Diagrams
43	1-Aug-2018		Design Model: Use case realizations with GRASP patterns
44	2-Aug-2018		Design Class diagrams in each MVC layer Mapping Design to Code
45	3-Aug-2018		Design class diagrams for case study and skeleton code
46	4-Aug-2018		Revision
47	6-Aug-2018		I-MID- Revision
48	7-Aug-2018		I-MID- Revision

49	8-Aug-2018	MID-I	I-MID- Revision
50	9-Aug-2018		I-MID- Revision
51	10-Aug-2018		I-MID- Revision
52	11-Aug-2018		I-MID- Revision
53	13-Aug-2018	IV	Unit-4:Introduction to Advanced Design Patterns
54	14-Aug-2018		Fabrication
55	16-Aug-2018		Indirection
56	17-Aug-2018		Singleton
57	18-Aug-2018		Factory
58	20-Aug-2018		Tutorial
59	21-Aug-2018		Facade
60	23-Aug-2018		Publish-Subscribe
61	24-Aug-2018		Publish-Subscribe
62	25-Aug-2018		Revision
63	27-Aug-2018	Tutorial	
64	28-Aug-2018	Unit test-3	
65	29-Aug-2018	V	Unit-5:UML diagrams
66	30-Aug-2018		State-Chart diagrams
67	31-Aug-2018		Activity diagrams
68	4-Sep-2018		Component Diagrams
69	5-Sep-2018		Deployment diagrams
70	6-Sep-2018		Object diagrams
71	7-Sep-2018		Object diagrams
72	8-Sep-2018		Revision
73	10-Sep-2018		Tutorial
74	11-Sep-2018		Unit test-4
75	12-Sep-2018	VI	Unit-6:Advanced concepts
76	15-Sep-2018		Use case relationships
77	17-Sep-2018		Tutorial
78	18-Sep-2018		Use case relationships
79	19-Sep-2018		Generalizations Domain Model refinements
80	20-Sep-2018		Generalizations Domain Model refinements
81	22-Sep-2018		Relationships of Use cases
82	24-Sep-2018		Tutorial
83	25-Sep-2018		Architecture UML
84	26-Sep-2018		Packaging model elements
85	27-Sep-2018		Revision previous Question papers
86	28-Sep-2018		Revision previous Question papers
87	29-Sep-2018		Revision previous Question papers
88	1-Oct-2018		Tutorial
89	3-Oct-2018		Revision previous Question papers
90	4-Oct-2018		Revision previous Question papers
91	5-Oct-2018		Revision previous Question papers
92	6-Oct-2018		Revision previous Question papers
93	8-Oct-2018	MID-II	II-MID- Revision
94	9-Oct-2018		II-MID- Revision
95	10-Oct-2018		II-MID- Revision
96	11-Oct-2018		II-MID- Revision
97	12-Oct-2018		II-MID- Revision
98	13-Oct-2018		II-MID- Revision

TEXT BOOKS:

1. 'Applying UML and patterns' by Craig Larman, Pearson
2. Object-Oriented Analysis & Design with the Unified Process by Satzinger, Jackson & Burd Cengage Learning
3. 'UML distilled' by Martin Fowler, Addison Wesley, 2003

REFERENCE BOOKS:

1. O'reilly' s 'Head-First Design Patterns' by Eric Freeman et al, Oreilly
2. UML 2 Toolkit, by Hans-Erik Eriksson, Magnus Penker, Brian Lyons, David Fado: WILEY-Dramatic India Pvt. Lid.