

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

Lecture Schedule

Subject : SOFTWARE ENGINEERING

Year II CSE B -II SEM

No of Classes per week:4+1*(Tutorial)

Academic Year:2017-18

S.NO	DATE	UNIT	TOPIC
1	21-Nov-2017	I	The Nature of Software
2	22-Nov-2017		The Unique Nature of WebApps
3	23-Nov-2017		Software Engineering, Software Process
4	24-Nov-2017		Software Engineering Practice
5	25-Nov-2017		Software Myths
6	28-Nov-2017		A Generic Process Model
7	29-Nov-2017		Process Assessment and Improvement
8	30-Nov-2017		Prescriptive Process Models
9	2-Dec-2017		Specialized Process Models
10	5-Dec-2017		Tutorial
11	6-Dec-2017		The Unified Process
12	7-Dec-2017		Personal and Team Process Models
13	8-Dec-2017		Process Terminology, Product and Process
14	12-Dec-2017		Tutorial
15	13-Dec-2017		Sliptest -I
16	14-Dec-2017	II	Requirements Gathering and Analysis
17	15-Dec-2017		Software Requirement Specification (SRS)
18	16-Dec-2017		Software Requirement Specification (SRS)
19	19-Dec-2017		Tutorial
20	20-Dec-2017		Formal System Specification
21	21-Dec-2017		Overview of the Design Process
22	22-Dec-2017		How to Characterise of a Design
23	23-Dec-2017		Cohesion and Coupling
24	26-Dec-2017		Tutorial
25	27-Dec-2017		Layered Arrangement of Modules
26	28-Dec-2017		Approaches to Software Design
27	29-Dec-2017		Sliptest -II
28	30-Dec-2017	III	Overview of SA/SD Methodology, Structured Analysis,
29	2-Jan-2018		Developing the DFD Model of a System
30	3-Jan-2018		Structured Design, Detailed Design
31	4-Jan-2018		Design Review, over view of Object Oriented design
32	5-Jan-2018		Tutorial
33	6-Jan-2018		Characteristics of Good User Interface,Basic Concepts
34	9-Jan-2018		Types of User Interfaces
35	10-Jan-2018		Fundamentals of Component-based GUI Development
36	11-Jan-2018		A User Interface Design Methodology.
37	12-Jan-2018		Tutorial
38	17-Jan-2018	IV	Revision
39	18-Jan-2018		Revision
40	19-Jan-2018		Revision
41	20-Jan-2018		Revision
42	23-Jan-2018		Revision
43	24-Jan-2018	IV	Coding, Code Review
44	25-Jan-2018		Software Documentation, Testing, Unit Testing,
45	27-Jan-2018		Black-Box Testing, White-Box Testing,
46	30-Jan-2018		Tutorial
47	31-Jan-2018		Debugging, Program Analysis Tool,
48	1-Feb-2018		Integration Testing
49	2-Feb-2018		Testing Object-Oriented Programs,

50	3-Feb-2018		System Testing
51	6-Feb-2018		Tutorial
52	7-Feb-2018		Some General Issues Associated with Testing
53	8-Feb-2018		Sliptest -III
54	9-Feb-2018	V	Software Reliability,
55	10-Feb-2018		Statistical Testing,
56	14-Feb-2018		Software Quality, Software Quality Management System,
57	15-Feb-2018		ISO 9000, SEI Capability Maturity Model.
58	16-Feb-2018		Case and its Scope, Case Environment,
59	17-Feb-2018		Case Support in Software Life Cycle,
60	20-Feb-2018		Tutorial
61	21-Feb-2018		Other Characteristics of Case Tools,
62	22-Feb-2018		Towards Second Generation CASE Tool,
63	23-Feb-2018		Architecture of a Case Environment
64	24-Feb-2018		Sliptest -IV
65	27-Feb-2018	VI	Software maintenance, Maintenance Process Models,
66	28-Feb-2018		Maintenance Cost, Software Configuration Management.
67	1-Mar-2018		what can be Reused? Why almost No Reuse So Far?
68	3-Mar-2018		Basic Issues in Reuse Approach,
69	6-Mar-2018		Tutorial
70	7-Mar-2018		Reuse at Organization Level.
71	8-Mar-2018	Revision	Revision
72	9-Mar-2018		Revision
73	13-Mar-2018		Revision
74	14-Mar-2018		Revision
75	15-Mar-2018		Revision
76	16-Mar-2018		Revision
77	17-Mar-2018		Revision
78	20-Mar-2018	MID	Revision
79	21-Mar-2018		Revision
80	22-Mar-2018		Revision
81	23-Mar-2018		Revision
82	24-Mar-2018		Revision

Text Books

1	Software Engineering - Concepts and Practices: Ugrasen Suman, Cengage Learning
2	Software Engineering - A Practitioner's Approach, Roger S. Pressman, Seventh Edition McGraw-Hill
3	Fundamentals of Software Engineering, Rajib Mall, Third Edition, PHI.
4	Software Engineering, Ian Sommerville, Ninth edition, Pearson education

References

1	Software Engineering : A Primer, Waman S Jawadekar, Tata McGraw-Hill, 2008
2	Software Engineering, A Precise Approach, PankajJalote, Wiley India,2010.
3	Software Engineering, Principles and Practices, Deepak Jain, Oxford University Press
4	Software Engineering: Abstraction and modeling, Diner Bjorner, Springer International edition, 2006.

Faculty

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