St Ann's College of Engineering and Technology

Department of Computer Science and Engineering

Lecture Schedule

Subject : SOFTWARE ENGINEERING Year II CSE C -II SEM

No of Classes per week:4+1*(Tutorial) Academic Year:2016-17

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

50	6-Feb-2018		Some General Issues Associated with Testing
51	8-Feb-2018		Sliptest -III
52	9-Feb-2018		Software Reliability,
53	10-Feb-2018		Statistical Testing,
54	15-Feb-2018		Software Quality, Software Quality Management System,
55	16-Feb-2018		Tutorial
56	17-Feb-2018		ISO 9000, SEI Capability Maturity Model.
57	19-Feb-2018	V	Case and its Scope, Case Environment,
58	20-Feb-2018		Case Support in Software Life Cycle,
59	22-Feb-2018		Other Characteristics of Case Tools,
60	23-Feb-2018		Towards Second Generation CASE Tool,
61	24-Feb-2018		Architecture of a Case Environment
62	26-Feb-2018		Sliptest -IV
63	27-Feb-2018		Software maintenance, Maintenance Process Models,
64	1-Mar-2018		Maintenance Cost, Software Configuration Management.
65	3-Mar-2018		what can be Reused? Why almost No Reuse So Far?
66	5-Mar-2018		Basic Issues in Reuse Approach,
67	6-Mar-2018		Reuse at Organization Level.
68	8-Mar-2018		Revision
69	9-Mar-2018		Revision
70	12-Mar-2018		Revision
71	13-Mar-2018	VI	Revision
72	15-Mar-2018		Revision
73	16-Mar-2018		Revision
74	17-Mar-2018		Revision
75	19-Mar-2018		Revision
76	20-Mar-2018		Revision
77	22-Mar-2018		Revision
78	23-Mar-2018		Revision
79	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 Engineering1: Abstraction and modeling, Diner Bjorner, Springer International edition, 2006.

Faculty HOD

Tutorial
Revision

Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi	Understandi

Understanding Hadoop A