

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

Subject : Software Engineering

Year III CSE A-II SEM

Name of the Faculty:D.MADHURI

Academic Year:2017-18

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

S.NO	DATE	UNIT	TOPIC
1	20-Nov-17	I	Introduction
2	21-Nov-17		Software, Software Crisis,Software Engineering definition
3	23-Nov-17		Evolution of Software Engineering Methodologies
4	24-Nov-17		Software Engineering Challenges,Software Process
5	25-Nov-17		Process Classification
6	27-Nov-17		Phased development life cycle
7	28-Nov-17		Software Development Process Models
8	30-Nov-17		Process, use, applicability ,Advantages/limitations
9	2-Dec-17		Process, use, applicability ,Advantages/limitations
10	4-Dec-17		<b>SLIPTEST-1</b>
11	5-Dec-17		<b>Tutorial</b>
12	7-Dec-17	II	OBT-I software engineering Requirements
13	8-Dec-17		Requirements engineering Process elicitation
14	11-Dec-17		Requirements elicitation
15	12-Dec-17		<b>Tutorial</b>
16	14-Dec-17		Requirements analysis
17	15-Dec-17		Structured Analysis
18	16-Dec-17		Data Oriented Analysis
19	18-Dec-17		Object oriented Analysis, Prototyping analysis
20	19-Dec-17		<b>Tutorial</b>
21	21-Dec-17		Requirements Specification
22	22-Dec-17		Requirements Validation
23	23-Dec-17		<b>Slip Test II</b>
24	26-Dec-17		<b>Tutorial</b>
25	28-Dec-17	III	<b>OBT - II, Software Design Process</b>
26	29-Dec-17		Characteristics of Good Software Design
27	30-Dec-17		Design Principles
28	1-Jan-18		Design Methodologies
29	2-Jan-18		Tutorial
30	4-Jan-18		Structured Design
31	5-Jan-18		Structured Design Methodology,
32	6-Jan-18		Transform Vs Transaction Analysis.
33	8-Jan-18		Object oriented Analysis, Design Principles
34	9-Jan-18		<b>Tutorial</b>
35	11-Jan-18		Coding Principles
36	12-Jan-18	Revision	Revision
37	18-Jan-18		Revision
38	19-Jan-18		Revision
39	20-Jan-18		Revision
40	22-Jan-18		Revision
41	23-Jan-18		Revision
42	25-Jan-18	IV	Coding Process, Code verification
43	27-Jan-18		Code documentation
44	29-Jan-18		Software Testing: Testing Fundamentals
45	30-Jan-18		<b>Tutorial</b>
46	1-Feb-18		Test Planning
47	2-Feb-18		Black Box Testing
48	3-Feb-18		White Box Testing
49	5-Feb-18		Levels of Testing, Usability Testing

50	6-Feb-18		<b>Tutorial</b>
51	8-Feb-18		Regression testing, Debugging approaches
52	9-Feb-18		<b>Slip Test IV</b>
53	10-Feb-18		What is Project management
54	15-Feb-18		Software Configuration Management
55	16-Feb-18		Project Planning and Estimation: Project Planning activities
56	17-Feb-18	V	Software Metrics and measurements
57	19-Feb-18		Project Size Estimation
58	20-Feb-18		<b>Tutorial</b>
59	22-Feb-18		Effort Estimation Techniques
60	23-Feb-18		<b>Slip Test V</b>
61	24-Feb-18	VI	<b>OBT - V, Software Quality Factors</b>
62	26-Feb-18		Verification & Validation
63	27-Feb-18		<b>Tutorial</b>
64	1-Mar-18		Software Quality Assurance The Capability Maturity Model,
65	3-Mar-18		Software maintenance, Maintenance Process Models
66	5-Mar-18		Maintenance Cost, Reengineering activities
67	6-Mar-18		software Reuse
68	8-Mar-18		Revision
69	9-Mar-18		Revision
70	12-Mar-18		Revision
71	13-Mar-18		Revision
72	15-Mar-18		Revision
73	16-Mar-18		Revision
74	17-Mar-18		Revision
75	19-Mar-18		Revision
76	20-Mar-18		Revision
77	22-Mar-18		Revision
78	23-Mar-18		Revision
79	24-Mar-18		Revision

#### Text Books

1	Software Engineering, concepts and practices, Ugrasen Suman, Cengage learning
2	Software Engineering, 8/e, Sommerville, Pearson
3	Software Engineering, 7/e, Roger S. Pressman, TMH

#### References

1	Software Engineering, A Precise approach, Pankaj Jalote, Wiley
2	Software Engineering principles and practice, W S Jawadkar, TMH

Faculty

HOD