

## Lesson Plan

**Subject-** Software Engineering

**Lesson Plan-** 17 Weeks (July – Nov 2019)

Week	Date	BCA II BCA- 234
1	16- July-2019	-
	17- July-2019	-
	18- July-2019	Introduction to Software Engineering
	19- July-2019	Programming Paradigms
	20- July-2019	Software Crisis: Problem and Causes
	21- July-2019	Sunday
2	22- July-2019	-
	23- July-2019	-
	24- July-2019	-
	25- July-2019	Phases in Software Development
	26- July-2019	Phases in Software Development
	27- July-2019	Software Life Cycle Models
	28- July-2019	Sunday
3	29- July-2019	-
	30- July-2019	-
	31- July-2019	Holiday
	1- Aug- 2019	Waterfall
	2- Aug- 2019	Prototype
	3- Aug- 2019	Evolutionary
	4- Aug- 2019	Sunday
4	5- Aug- 2019	-
	6- Aug- 2019	-
	7- Aug- 2019	-
	8- Aug- 2019	Spiral
	9- Aug- 2019	Role of Metrics
	10- Aug- 2019	SRS, Need for SRS
	11- Aug- 2019	Sunday
5	12- Aug- 2019	Holiday
	13- Aug- 2019	-
	14- Aug- 2019	-
	15- Aug- 2019	Holiday
	16- Aug- 2019	Feasibility Study
	17- Aug- 2019	Software Requirement Analysis and Specification
	18- Aug- 2019	Sunday
6	19- Aug- 2019	-
	20- Aug- 2019	-
	21- Aug- 2019	-
	22- Aug- 2019	Characteristics , Components of SRS
	23- Aug- 2019	Organizing and Structuring Information
	24- Aug- 2019	Problem Analysis, Information Gathering Tools

	25- Aug- 2019	Sunday
7	26- Aug- 2019	-
	27- Aug- 2019	-
	28- Aug- 2019	-
	29- Aug- 2019	<b>Assignment 1</b>
	30- Aug- 2019	Software Requirement, Analysis and Specification: Structured Analysis
	31- Aug- 2019	Data Flow Diagrams, Data Dictionaries
	1- Sept- 2019	Sunday
	8	2- Sept- 2019
3- Sept- 2019		-
4- Sept- 2019		-
5- Sept- 2019		E-R Diagrams, Software Requirement and Specifications,
6- Sept- 2019		Cost Estimation: COCOMO Model
7- Sept- 2019		<b>Sessional</b>
8- Sept- 2019		Sunday
9		9- Sept- 2019
	10- Sept- 2019	-
	11- Sept- 2019	-
	12- Sept- 2019	Project Scheduling, Staffing and Personnel Planning
	13- Sept- 2019	Software Configuration Management
	14- Sept- 2019	Risk Management
	15- Sept- 2019	Sunday
	10	16- Sept- 2019
17- Sept- 2019		-
18- Sept- 2019		-
19- Sept- 2019		Quality Assurance Plans
20- Sept- 2019		<b>Assignment 2</b>
21- Sept- 2019		Software Testing Strategies
22- Sept- 2019		Sunday
11		23- Sept- 2019
	24- Sept- 2019	-
	25- Sept - 2019	-
	26- Sept - 2019	Software Testing Strategies
	27- Sept - 2019	Software Testing Strategies
	28- Sept - 2019	Revision
	29- Sept - 2019	Sunday
	12	30- Sept - 2019
1- Oct- 2019		-
2- Oct- 2019		Holiday
3- Oct- 2019		Software Implementation and Maintenance
4- Oct- 2019		Types of Maintenance
5- Oct- 2019		Management of Maintenance, Maintenance Process
6- Oct- 2019		Sunday
13		7- Oct- 2019
	8- Oct- 2019	Holiday
	9- Oct- 2019	-
	10- Oct- 2019	Holiday
	11- Oct- 2019	Revision

	12- Oct- 2019	Class test
	13- Oct- 2019	Sunday
14	14- Oct- 2019	-
	15- Oct- 2019	-
	16- Oct- 2019	-
	17- Oct- 2019	Holiday
	18- Oct- 2019	Revision
	19- Oct- 2019	Revision
	20- Oct- 2019	Sunday
	15	21- Oct- 2019
22- Oct- 2019		-
23- Oct- 2019		-
24- Oct- 2019		Class Test
25- Oct- 2019		Diwali Break
26- Oct- 2019		
27- Oct- 2019		
28- Oct- 2019		
16	29- Oct- 2019	
	30- Oct- 2019	Doubts
	31- Oct- 2019	Doubts
	1- Nov- 2019	Holiday
	2- Nov- 2019	Holiday
	3- Nov- 2019	Sunday
	4- Nov- 2019	-
17	5- Nov- 2019	-
	6- Nov- 2019	-
	7- Nov- 2019	Discussion over Previous Year papers
	8- Nov- 2019	Discussion over Previous Year papers
	9- Nov- 2019	Revision
	10- Nov- 2019	Sunday