SSN College of Engineering
Department of Computer Science and Engineering
Kalavakkam – 603 110.

COURSE ASSESSMENT PLAN

Class: B.E. V Semester 'A'&'B' Sec **Sub.Name: Object Oriented Analysis and Design**

Faculty : S.Manisha **Sub.Code: CS6502**

Batch: 2014-2018 **Year: 2016-2017 (ODD)**

Course Objectives

- To learn the basics of OO analysis and design skills.
- To learn the UML design diagrams.
- To learn to map design to code
- To be exposed to various testing techniques

Blooms Taxonomy

Remember	Understand	Apply	Analyze	Evaluate	Create
K1	K2	K3	K4	K5	K6

Course Outcomes (CO)

At the end of the semester, students are able to

- Design and implement projects using OO concepts. **(K3)**
- Analyze and design UML diagrams. **(K4)**
- Apply appropriate design patterns. **(K3)**
- Develop code from design and compare various testing techniques. **(K3)**

Program Outcomes (PO)

1. Our graduates will have the knowledge of mathematics, logic, probability and statistics, computer science and engineering, and the skill to apply them in the fields of computer software and hardware. **(K3)**
2. Our graduates will have the knowledge and skill to identify, formulate, and solve hardware and software problems using sound computer science principles. **(K4)**
3. Our graduates will have the skill to design and conduct experiments, organize, analyze, and interpret data. **(K5)**
4. Our graduates will have the skill to design and construct hardware and software systems, components, or processes as per needs and specifications. **(K4)**
5. Our graduates will have the interpersonal and communication skills to function as team players on multidisciplinary teams.
6. Our graduates will be able to use the techniques, skills, and modern hardware and software tools necessary for computer engineering practice. **(K3)**
7. Our graduates will demonstrate knowledge related to social, ethical, legal, economical, health and safety, sustainability and environmental dimensions.

8. Our graduates will be able to effectively communicate technical information in speech, presentation, and in writing.
9. Our graduates will have knowledge of contemporary issues in the practice of their profession.
10. Our graduates will develop confidence for self learning and ability for life-long learning.
11. Our graduates will participate and succeed in competitive examinations such as GATE, IES, GRE.
12. Our graduates are trained to enhance their managerial skills, leadership quality and entrepreneurial spirit.

Course Outcomes Mapped To Programme Outcomes

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
		K3	K4	K5	K4	-	K3	-	-	-	-	-	-
CO1	K3	3	2	2	2	0	3	0	0	0	0	0	0
CO2	K4	2	3	2	3	0	2	0	0	0	0	0	0
CO3	K3	3	2	2	2	0	3	0	0	0	0	0	0
CO4	K3	3	2	2	2	0	3	0	0	0	0	0	0

Description of Assessment Tools

Exams: Three Unit Assessment Tests during the term, assignments and final University exams.

Course Assessment Matrix

	Outcome			
	1	**2**	**3**	**4**
Assessment 1	X			
Assessment 2		X	X	
Assessment 3			X	
Assignment		X	X	X

Prepared by	**Reviewed by**	**Approved**
S.Manisha	**PAC**	**HOD-CSE**