

SSN COLLEGE OF ENGINEERING
Department of CSE
COURSE PLAN

SUBJECT NAME : OBJECT ORIENTED ANALYSIS AND DESIGN
SUBJECT CODE : CS6502
DEGREE / YEAR : B.E. CSE / III YEAR/ A Section/B Section
BATCH : 2014-2018
SEMESTER : V (2016-17: Odd)
NAME OF THE STAFF : S.MANISHA
DESIGNATION : ASSISTANT PROFESSOR

Teaching Methodology and aids : **Powerpoint presentations\Projector\Use of ICT\Chalk and Blackboard**
(Content Delivery Methods(CDM)) **(for all topics)**

Sl.No	Unit No	Topic	No of Hrs (plan)	No of Hrs (actual)	Remarks
1	UNIT 1 (9 Hrs) UML Diagrams	Introduction to OOAD	1		
2		Unified Process	1		
3		UML Diagrams	1		
4		Use Case & Class Diagrams	2		
5		Interaction diagrams	1		
6		State Diagram	1		
7		Activity diagram & Package diagram	2		
8		Component and Deployment diagrams	1		
		Planned Hours	10		
1	UNIT 2 (9 Hrs) Design Patterns	GRASP: Designing objects with responsibilities	2		
2		Creator	1		
3		Information expert	1		
4		Low Coupling	1		
5		High Cohesion	1		
6		Controller	1		
7		Design Patterns – Creator, factory, structure	1		
8		Bridge, Adapter, Behaviour, Strategy, observer	1		
		Planned Hours	9		

Sl.No	Unit No	Topic	No of Hrs (plan)	No of Hrs (actual)	Remarks
1	UNIT 3 (9 Hrs) Case Study	Next Gen POS systems	2		
2		Inception	1		
3		Ellaboration	1		
4		Associations	1		

5		Domain Models	1		
6		Aggregations	1		
7		Composition	1		
8		Extend and generalization	1		
		Planned Hours	9		
1	UNIT 4 (9 Hrs) Applying Design Patterns	System Sequence diagrams	1		
2		Use case Logical Architecture	2		
3		UML Package diagram	1		
4		Logical Architecture refinement	2		
5		UML Class diagram	1		
6		UML Interaction diagram	1		
7		Applying GoF design patterns	1		
9		Planned Hours	9		

Sl. No	Unit No	Topic	No of Hrs (plan)	No of Hrs (actual)	Remark
1	UNIT 5 (9 Hrs) Coding and Testing	Mapping design to code	2		
2		Testing : issues in OO testing	2		
3		Class testing	1		
4		OO Integration testing	1		
5		GUI Testing	2		
6		OO System testing	1		
		Planned Hours	9		

Total Number of Syllabus Hours : 45
Total Number of Planned Hours : 46

PREPARED BY
S.Manisha

APPROVED BY
HOD-CSE