	7		Object O	riented Ai	nalysis and	l Design		I	T P	J C
		6671000						3		4 4
Pre-requisit	te	CSE1002						Sylla	abus v	
Course Obj	activas	<u> </u>								1.0
		e basic princ	inles of ob	ect orients	ation and n	otation				
		ize Unified			ation and n					
		and the Anal			rflow					
- 10 u	ilaci sta		ysis and D	251GII WOIL	LIIO W					
Expected C	ourse (Outcome:								
1) Unde	erstand	and analyse	the fundar	mentals of	Object ori	ented design	n eler	nents.		
2) Com	prehen	d the limitar	tions of obj	ect oriente	d analysis	and design.				
· ·		different tec eatures.	hniques av	ailable for	object mo	deling techn	nique	s based	l on the	e
4) Anal	yzie the	e objects an	d elements	required f	or efficient	design.				
5) Provi	ide des	ign solution	s to various	s case stud	lies by app	lying model	ling t	echniq	ues.	
6) Anal	yze and	d design uni	fied model	ing diagrai	ms for vari	ous case stu	idies.			
7) Map	Unifie	d modeling	1: .							
/ / Iviap	Cillin	u mouering	diagrams to	the analy	sis and des	sign compor	nents.			
γ) Ινιαρ		d modering	diagrams to	the analy	sis and des	sign compor	nents.	•		
Student Lea				the analy 2, 5, 6	vsis and des	sign compor	nents.	•		
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Mo	dule:5	Object Oriented Design		6 hours
Ele	ments o	f Design – O-O Design W	orkflow - Mapping o	f Elements onto Phases of Unified
Pro	cess – U	ML Diagrams for Design –	Iterations – Case Study	7.
Mo	dule:6	Design using UML Diagr	ams –Phase I	6 hours
Intr	oduction	n to UML as an Analysis and	d Design Tool, Class D	iagrams, State Transition Diagrams
Obj	ject Dia	grams, Interaction Diagram	s, Use case Diagrams	, Activity Diagrams, Collaboration
Dia	grams a	nd Module Diagrams.		
Mo	dule:7	Design using UML Diagr	ams –Phase II	6 hours
		• • •	ngrams - Mapping of	Diagrams to Analysis and Design
Cor	mponent	S.		
Mo	dule:8	Contemporary issues:		3 hours
Mo	dule:8	Contemporary issues:		3 hours
Mo	dule:8	-		3 hours
Мо	dule:8	-	Total Lecture hours:	3 hours
			Total Lecture hours:	
Тех	xt Book((s)		45 hours
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