

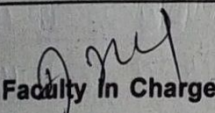
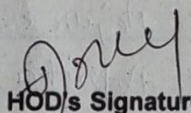
AIET		Lesson Plan & Execution		Format No.	ACD 08		
				Issue No.	01		
				Rev. No.	00		
Name of the faculty		Mr. Manjunath Kotadi					
Semester and Section		VII					
Date of Commencement		01-08-2014					
Last Working Day of the Semester		19-11-2014					
Source Materials List							
1. Object Oriented modelling & Design		- Michael Blaha, 2nd Edition, Pearson Education					
2. Pattern Oriented Software		Frank Buschmann, Volume I					
3. Architecture		John Wiley 2007.					
4. Object Oriented Analysis & Design		Gandy Rorch et al.					
5. with application		3rd Edition Pearson Education					
Subject Name OOMD							
Period	Plan			Execution			
	Date	Topics to be covered	Source Material needed	Topics Covered	Date	Source Material Referred	
1	01/08/14	Introduction about object orientation.	1	Introduction about object orientation	13/8	1	
2	05/08/14	OO theory, OO modeling history	1	OO theory, OO modeling history	14/8	1	
3	07/08/14	Modeling as Design Technique	1	Modeling as Design Technique	18/8	1	
4	08/08/14	Three models.	1	Three models	20/8	1	

Period	Plan			Execution		
	Date	Topics to be covered	Source Material needed	Topics Covered	Date	Source Material Referred
5	11/8/14	Class modeling & class concepts	1	class modeling & class concepts	21/8	21/8
6	13/8/14	Link Associations, concepts	1	Link Association concepts	22/8	22/8
7	14/8/14	Generalization & inheritance	1	Generalization & inheritance	23/8	22/8
8	18/8/14	A sample ^{class} model	1	A sample class model	24/8	25/8
9	19/8/14	Advanced Class modeling	1	Advanced class modeling	24/8	24/8
10	21/8/14	Association Ends w/ Any association	1	Association Ends w/ Any assocn	24/8	24/8
11	22/8/14	Aggregation, notation	1	Aggregation, notation	24/8	24/8
12	25/8/14	Refinement, Constraints derived class, Packages	1	Refinement, constraints Derived class Packages	30/8	30/8
13	27/8/14	State modeling - events, states, transitions	1	State modeling - events, states, Trans	31/8	31/8
14	1/9/14	Advanced state modeling, Nested state diagram	1	Advanced state modeling, Nested state diagram	31/8	31/8
15	3/9/14	Nested states, Generalization, Concurrency	1, 3	Nested states Generalization concepts	4/9	4/9
16	4/9/14	A sample state model	1	A sample state model	5/9	5/9
17	5/9/14	Relation of class & state model	1	Relation of class state model	5/9	5/9

Period	Plan			Execution		
	Date	Topics to be covered	Source Material needed	Topics Covered	Date	Source Material Referred
18	8/9/14	Future modeling - use case models	1	Future modeling	10/9	1
19	10/9/14	Sequence models - Activity models	1	Sequence models - Activity models	15/9	1
20	15/9/14	Use case relationships - Processual & gen. models	1	Use case relationships - processual	17/9	1
21	16/9/14	Process overview - System Conception	1	Process overview - system concept	19/9	1
22	18/9/14	Developing a system concept	1	Developing a system concept	22/9	1
23	19/9/14	Elaborating a concept	1, 3	Elaborating a concept	25/9	1
24	22/9/14	Preparing a problem statement	1, 3	Preparing a problem statement	26/9	1
25	25/9/14	Domain Analysis	1, 3	Domain Analysis	29/9	1
26	26/9/14	Domain class model	1	Domain class model	29/9	1
27	29/9/14	Domain state model & Interaction model	1	Domain state model & Interaction model	1/10	1
28	1/10/14	Application Analysis - App'n interaction model	1	Application Analysis	9/10	1
29	6/10/14	App'n class model	1	Application interaction model	10/10	1
30	8/10/14	App'n state model	1	Application class model	16/10	1

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	Date	Topics to be covered	Source Material needed	Topics Covered	Date	Source Material Referred
31	9/10/14	Overview of system design	1	Appl ^y state model	18/10	1
32	10/10/14	Estimating performance	1.4	Overview of system design	20/10	1
33	16/10/14	Making a use case plan, breaking a system into sub-systems	1.4	Estimating performance	22/10	1.4
34	17/10/14	Identifying core use cases, Allocation of sub-systems	1.4	Identifying core use cases, Allocation of sub-systems	23/10	1.4
35	20/10/14	Management of data storage	1.4	Identifying core use cases, Allocation of sub-systems	29/10	1.4
36	21/10/14	Handling global resources, choosing a software control strategy	1.3	Handling global resources, choosing a software control strategy	30/10	1.4
37	23/10/14	Handling boundary conditions, setting the trade-offs	1	Handling global resources, choosing a software control strategy	31/10	1.3
38	27/10/14	Common architectural styles	1	Choosing software control strategy	3/11	1
39	28/10/14	Architecture of ARM system	1	Handling boundary conditions, setting the trade-offs	5/11	1
40	29/10/14	Overview of class design, Bridging gap	1	Common architectural styles	6/11	1
41	31/10/14	Refining use cases, Designing algorithms	1	Architecture of ARM system	7/11	1
42	31/10/14	Refining use cases, Designing algorithms	1	Refining use cases, Designing algorithms	8/11	1
43	3/11/14	Design optimization, Refinement of behavior	1	Design optimization, Refinement of behavior	10/11	1

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	Date	Topics to be covered	Source Material needed	Topics Covered	Date	Source Material Referred
44	4/11/14	Implement modeling	1	Design patterns Ref: & Behv	11/11	1
45	5/11/14	Fire-tuning classes Fire-tuning generalities	1,3	Implement modeling	19/11	1
46	6/11/14	Reliving associativity Testing	1,3	Fire tuning class/gent	17/11	1,3
47	7/11/14	Legacy system Reverse Engineering Building to class model	1,3	Reliving associativity Testing	18/11	1,3
48	10/11/14	Design Patterns - 1 Factory Categories	2	Legacy system Reverse Eng.	19/11	1,3
49	11/11/14	Component Patterns	2	Design Pattern - 1 Factory Category	19/11	2
50	17/11/14	Design Pattern - 2 Idioms	2	Component Patterns	19/11	2
51	18/11/14	Manager Pattern Common Process	2			
52	19/11/14	Idioms: Solid, High value to find idiom	2			
		Done 18/11				

Others	Planned	Actual	Remarks :
Special Classes	08	00	} since more planned activity for final year
Tutorials	04	00	
Assignments	03	02	
Seminars	—		
IA Tests	03	03	
Portions Covered in the entire Semester	90%		
Course Effectiveness			
Students Feedback	Good		
Students Response			
Result	No. of Students AP	No. of Students Passed	% of Result
	50	44	88%
Faculty In Charge   HOD's Signature Signature of Principal (& Remarks if any) 