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Subject: Design Patterns

Class: B.Tech-2 sem  
Year: 2013-14

## LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	11-06-13	Intro. to Design patterns:	I	CR		
6	12-06-13	What is a Design pattern?	"	"		
7	13-06-13	Design patterns in Smalltalk MVC,	"	LCD		
5	14-06-13	Describing Design patterns,	"	"		
2	15-06-13	Catalog of Design patterns,	"	"		
6	19-06-13	Organizing the catalog,	"	"		
7	20-06-13	How Design patterns	"	CR		
		Solve Design problems,	"	"		
5	21-06-13	How to Select a Design pattern,	"	LCD		
2	22-06-13	How to Use a Design pattern,	"	LCD		
6	26-06-13	Review about Unit - I	"	CR		
7	27-06-13	A Case study:	II	LCD		
5	28-06-13	Designing a Document Editor,	"	"		
2	29-06-13	Design problems,	"	"		
6	03-07-13	Document structure,	"	"		
6	03-07-13	Formatting,	"	"		
7	04-07-13	Embellishing the UI,	"	"		
7	04-07-13	Supporting Multiple	"	"		
5	05-07-13	Look-and - feel standards,	"	"		
5	05-07-13	Supporting Multiple window systems,	"	"		

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2	06-07-13	User operations,	<u>II</u>	LCD		
6	10-07-13	Spelling checking and	"	"		
		Hyphenation,	"	"		
7	11-07-13	Case study Summary	"	CR		
5	12-07-13	Review about Unit-II	"	"		
6	17-07-13	Creational Patterns:	<u>III</u>	CR		
7	18-07-13	Abstract Factory,	"	LCD		
5	19-07-13	Builder,	"	"		
2	20-07-13	Factory method,	"	"		
6	24-07-13	Prototype,	"	"		
7	25-07-13	Singleton,	"	"		
5	26-07-13	Discussion of Creational Patterns	"	CR		
5	26-07-13	Review about Unit-III	"	"		
2	27-07-13	Structural pattern part-I	<u>IV</u>	CR		
6	31-07-13	Adapter,	"	LCD		
7	01-08-13	Bridge,	"	"		
5	02-08-13	Composite.	"	"		
2	03-08-13	Review about Unit-IV part-I	"	CR		
6	14-08-13	Structural pattern part-II	<u>V</u>	CR		
5	16-08-13	Decorator,	"	LCD		

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2	17-08-13	Facade,	<u>V</u>	LCD		
6	21-08-13	Flyweight,	"	"		
7	22-08-13	Proxy	"	"		
5	23-08-13	Review about Unit-V part-II.	"	CR		
2	24-08-13	Behavioral patterns part-I	<u>VI</u>	CR		
7	29-08-13	Chain of Responsibility,	"	LCD		
5	30-08-13	Command,	"	"		
2	31-08-13	Interpreter,	"	"		
6	04-09-13	Iterator,	"	"		
7	05-09-13	Review about Behavioral patterns part-I	"	CR		
5	06-09-13	Behavioral patterns part-II	<u>VII</u>	CR		
2	07-09-13	Mediator,	"	LCD		
6	11-09-13	Memento,	"	"		
7	12-09-13	observer,	"	"		
5	13-09-13	State,	"	"		
2	14-09-13	Strategy,	"	"		
6	18-09-13	Template Method,	"	"		
7	19-09-13	Visitor,	"	"		
5	20-09-13	Discussion of Behavioral patterns	"	CR		
2	21-09-13	Review about Unit-VII	"	"		



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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
6	25-09-13	What to Expect from	<u>VIII</u>	CR		
7	26-09-13	Design Patterns,	"	"		
5	27-09-13	A Brief History,	"	"		
2	28-09-13	The pattern Community,	"	"		
6	02-10-13	An Invitation,	"	"		
7	03-10-13	A Parting Thought.	"	"		
5,2	04-10-13 05-10-13	Review about Unit <u>VIII</u>	"	"		
		<u>Tutorial classes</u>				
1 (T)	11-06-13	Intro. to Design Patterns	<u>I</u>	CR		
1 (T)	13-06-13	Adv. of DP in S/W Engg	"	"		
1 (T)	18-06-13	Various ways of organizing them	"	"		
1 (T)	20-06-13	Various causes of design in S/W	"	"		
1 (T)	25-06-13	Delegation / Toolkit, Frameworks.	"	"		
1 (T)	27-06-13	DPs are diff from frameworks.	"	"		
1 (T)	02-07-13	Recursive Composition of class & Graphics.	<u>II</u>	CR		
1 (T)	04-07-13	Glyph Abstract class hierarchy.	"	"		
1 (T)	09-07-13	Relationship b/w Composite and Composition classes.	"	"		
1 (T)	11-07-13	MonoGlyph Class Relationship.	"	"		
1 (T)	16-07-13	Class Hierarchy of Abstract classes and concrete subclasses. Class Hierarchy of GUI Factory.	"	"		