Lesson Plan

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Discipline: B.Tech Cse

Semester: 6th

Subject: Object Technologies & Programming using Java

Lesson plan duration: 15 Weeks from (January,2018 to April, 2018)

Week	Theory		Practical Day	Topic
	Lecture Day	Topic		
1st	1	Introduction of class ,object	Ist	Object Oriented Methodolgy 1
	2	Evolution of OO methodology		
	3	Comparison between OO and PO		
2nd	4	Classes and Object,overriding	2nd	Object Oriented Methodolgy 2
	5	Abstraction AND Encapsulation		
	6	Inheritance,polymorphism		
3rd	7	Introduction	3rd	Java Language Basic
	8	JVM concept,Data Type		
	9	Operator,Expression and Array		
4th	10	Class and Object	4th	Object Oriented concept
	11	Creating Object Example		
	12	Array ,statement		
5th	13	Array Example	5th	Object Oriented concept
	14	Assigning object reference variable		
	15	Constructor		
6th	16	Overloading Constructor	6th	Object Oriented concept
	17	Overloading ,garbage collection		
	18	Inheritance and Polymorphism		

7th	19	Defining Packages	7th	Packages

	20	Class path,package name		
	21	Accessibility of package	8th	Interface
8th	22	Implementing		
	23	Interface class		
	24	Abstract class		
9th	25	Introduction example	9th	Exception Handling
	26	Programming based on EH		
	27	Example by programming		
10th	28	UNIT 1	10th	Revision
	29	UNIT 2		
	30	UNIT 3		
11th	31	Basic concept	11th	Multithreading
	32	Main Thread ,Thread Model		
	33	Example of thread		
12th	34	Basic concept	12th	I/O in Java
	35	Stream and Stream classes		
	36	Volatile modifier		
13th	37	Fundamental	13th	String and Character
	38	String class and String method		
	39	Data Conversion using value of() method		
14th	40	String Buffer class	14th	String and Character
	41	Methods		
	42	Revision of sec D		
15th	43	Class Test based on Previous year question Paper	15th	All sections.
	44	Revision		
	45	Revision		