SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Descipline: CSt	Semester: 3rd	Name of the Teaching Faculty: Manas Ranjan Ojha
Subject: object oriented methology	No of Days/per week class allotted:	Semester from Date: 1/07/2023 to Date: 02/09/2023
		No of Weeks:

Week	Class Day	Theory/Practical Topics
1st	1st	Accen modifier
	2nd	Accen control
	3rd	Monthly Test-1, Assignment-2
	4th	String builder 2 String buffer
	5th	
2nd	1st	Method 2 menges
	2nd	Continue method 2 message
	3rd	parameter passing
	4th	Comparing and Identifying object
	5th	
3rd	1st	Continue comparing 2 Identifying object
	2nd	Quiz test-1
	3rd	Inheritence in Java
	4th	Use of Inheritence
	5th	
4th	1st	Types of Inheritence
	2nd	Continue type of Inheritence
	3rd	Single Inheritence
	4th	multilevel Inheritence
	5th	
5th	1st	Hierarchical Inheritence
	2nd	Hybird Inheritence. Assignment-3
	3rd	Types of polymorphism
	4th	Continue types of polymorphm
	5th	

Sign of Faculty   HOD   Principal

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The Lesson Plan

Descipline: CSE	Semester: 3rd	Name of the Teaching Faculty: Manas Runjan Ojha
Subject: Object oriented methodology	No of Days/per week class allotted:	Semester from Date: 05/09/23 to Date: 06/10/23 No of Weeks:

Week	Class Day	Theory/Practical Topics
1st	1st	Programming Language
	2nd	Object oriented programming
	3rd	OOPs concepts and terminology
	4th	Benefits of OOPS
	5th	
2nd	1st	Application of OOPS
	2nd	What is Java? , execution model of Jvm
	3rd	The Java Virtual machine, first Java program
	4th	Variables and Data types, primitive Data types & declaration
	5th	
3rd	1st	Numeric and character literals, String literal
	2nd	Array, non-primitive datatype
	3rd	Casting and Type casting
	4th	Widening and Narrowing conversion
	5th	
4th	1st	operator expression, Assignment -1
	2nd	Control flow statement
	3rd	Concept and syntax of class
	4th	Defining a class, concept & syntax method
	5th	
5th	1st	Defining a method, Creating an object
	2nd	Creating object, accessing class method
	3rd	Instance data & class data
	4th	Constructor, Access specifier
	5th	

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Descipline:	Semester:	Name of the Teaching Faculty:
Subject:	No of Days/per week class allotted:	Semester from Date: 13/10/23 to Date: 01/12/23 No of Weeks:
Week	Class Day	Theory/Practical Topics
1st	1st	method overloading
	2nd	Continue method overloading
	3rd	Runtime polymorphism
	4th	Continue Runtime polymorphism
	5th	
2nd	1st	method overriding
	2nd	Contig method overriding
	3rd	monthly Test-2
	4th	Introduction, Java API Packages
	5th	
3rd	1st	Using System package, Naming convenn
	2nd	Creating package. Accesing a package
	3rd	Using a package
	4th	Adding a class to package
	5th	
4th	1st	Hiding classes, Static import
	2nd	what is stream. Assignment-4
	3rd	Reading and writing to files. I/O Stream
	4th	manipulating input dk opening and closing stren
	5th	
5th	1st	predefined stream
	2nd	file handling classes and method
	3rd	Exception overview, exception keyword
	4th	Catching exception using final statemen
	5th	

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The Lesson Plan

Descipline: CSE	Semester: 3rd	Name of the Teaching Faculty: Manu Ranjan Ojha
Subject: Object oriented methodology	No of Days/per week class allotted:	Semester from Date: 08/12/23 to Date: 08/12/23 No of Weeks:

Week	Class Day	Theory/Practical Topics
1st	1st	Exception method, declaring exception
	2nd	Catching & outthrowing exception, Error 2, run time exception
	3rd	Quiz Test-2, Assignment-5
	4th	Monthly Test-3
	5th	
2nd	1st	
	2nd	
	3rd	
	4th	
	5th	
3rd	1st	
	2nd	
	3rd	
	4th	
	5th	
4th	1st	
	2nd	
	3rd	
	4th	
	5th	
5th	1st	
	2nd	
	3rd	
	4th	
	5th	

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