

# PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH



## PROGRESS REGISTER Session-2022-2023

Discipline: Computer Science & Engg.

Semester: 3rd      Subject: OSM

Name of the Teaching Faculty: Ashis Behera

Subject: OOM No. of Days/per week class allotted 04

Semester From Date: 15/09/2022 To Date: 21/11/2023 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15/9/22	Basics of Prog. Language.	Basics of Prog. Language.	Programming lang. Concept.	Ar
16/9/22	Diff <sup>n</sup> between POP & OOP, with Ex	POP and OOP	POP & OOP	Ar
20/9/22	OOP Concept	OOP Concept	OOP Concept.	Ar
22/9/22	Benefits of OOPs and it's application	Benefits of OOPs	Benefits of OOPs	Ar
23/9/22	Simple Program C, C++, Java	Simple Program.	Simple Program	Ar
24/9/22	Java execution Model	Java Execution Model.	Java Execution Model.	Ar
27/9/22	Importance of each <del>Star</del> keyword of a Simple Prog.	Detail description of Java Prog.	Details description of Java Prog.	Ar
29/9/22	Basic data types	Basic Data Types.	Basic data types.	Ar
30/9/22	Boolean and Other types	Boolean & other DT.	Boolean and other DT.	Ar
1/10/22	String literals	String Literal	String Literal.	Ar
11/10/22	Introduction to Array	Array	Array	Ar

Subject: DOM No. of Days/per week class allotted 04

Semester From Date: 15/9/2023 To Date: 21/01/2023 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
13/10/22	Type casting	Type casting	Type casting	
14/10/22	Expression & operator	Expression & operator.	Expression & operators.	
15/10/22	operators Relational, Bitwise.	Relational and Bitwise operator.	Relational & Bitwise operators.	
18/10/22	for, while & do-while loop	for, while & do-while loop.	for, while & do-while loop	
20/10/22	Control loops with Examples	Control loops with ex.	Control loops with ex.	
21/10/22	Introduction to Class with Ex.	Introduction to Class	class Example	
22/10/22	do.	-do-	-do-	
23/10/22	Methods and their uses.	Methods & their uses.	Methods & their uses	
28/10/22	Constructor.	Constructors	Constructors.	
29/10/22	Parametrized constructor.	Parametrized Constructr.	Parametrized Constructr.	
1/11/22	Access specifier	Access specifier	Access specifier	

Subject: OOPM No. of Days/per week class allotted 04

Semester From Date: 15/9/2022 To Date: 21/01/2023 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/11/22	Access Modifier	Access Modifier	Access Modifier	
4/11/22	Access Control	Access Control	Access Control	
10/11/22	String objects	String Object	String object	
11/11/22	String Objects	- do -	- do -	
12/11/22	StringBuffer	StringBuffer	String Buffer	
15/11/22	String Objects Methods	String Object Methods	String Object Methods	
17/11/22	Passing Parameter	Passing Parameter	Passing Parameter	
18/11/22	- do -	- do -	- do -	
19/11/22	Passing object as a parameter	Passing object as a parameter	Passing object as a parameter	
22/11/22	Inheritance.	Inheritance	Inheritance.	
24/11/22	Application of Inheritance	Application of Inheritance	Application of Inheritance	

Subject: SDM No. of Days/ per week class allotted 04

Semester From Date: 15/9/2022 To Date: 21/10/2022 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
25/11/22	Types of inheritance Super keyword	Types of inheritance.	Types of inheritance	
26/11/22	Single inheritance	Single inheritance	Single inheritance	
29/11/22	Multiple inheritance	Multiple inheritance.	Multiple inheritance	
1/12/22	Hierarchical inheritance.	Hierarchical inheritance	Hierarchical inheritance	
2/12/22	Hybrid inheritance	Hybrid inheritance	Hybrid inheritance	
3/12/22	this and Super keyword	this & Super keyword	this and Super keyword	
6/12/22	Polymorphism.	Polymorphism	Polymorphism	
8/12/22	Method overloading.	Method Overloading	Method Overloading	
9/12/22	Constructor overloading	Constructor overloading	Constructor overloading	
10/12/22	Run Polymorphism	Runtime Polymorphism	Runtime Polymorphism	
15/12/22	Run time. Polymorphism	do.	-do.	

Subject: OOPM No. of Days/per week class allotted 04

Semester From Date: 15/9/2022 To Date: 21/01/2023 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
15/12/22	Method overriding	Method overriding	Method overriding	Ar
16/12/22	- do -	- do -	- do -	Ar
17/12/22	- do -	- do -	do -	Ar
20/12/22	Java API	Java API	Java API	Ar
22/12/22	Java API	- do -	do -	Ar
23/12/22	API Packages	API Packages	API Packages	Ar
24/12/22	User defined Packages	User defined Packages	User defined Packages	Ar
27/12/22	Procedure to Create Packages	Procedure to Create Packages	Procedure to Create Packages	Ar
29/12/22	Accessing Methods from a Package.	Accessing Methods from a Package	Accessing Methods from a Package	Ar
30/12/22	Adding Methods to Package	Adding Methods to a Package	Adding Methods to a Package.	Ar
31/12/22	or Streams	stream	stream	Ar

Subject: JOM No. of Days/per week class allotted 04

Semester From Date: 15/9/2022 To Date: 21/01/2023 No. of Weeks: 15

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/1/23	Streams	stream	stream	Ar
5/1/23	I/O Package	I/O Package	I/O Package	Ar
7/1/23	I/O stream	I/O stream	I/O stream	Ar
10/1/23	File handling	File handling	File handling	Ar
12/1/23	Exception handling	Exception handling	Exception handling.	Ar
13/1/23	try - catch Block	try - catch Block.	try - catch Block.	Ar
17/1/23	throw keyword	throw keyword	throw keyword.	Ar
19/1/23	Finally keyword	Finally keyword	Finally keyword.	Ar
20/1/23	Examples of Exception handling	Examples of Exception handling	Examples of Exception handling.	Ar
21/1/23	- do -	discussion	discussion	Ar