

Sandip Foundation's Sandip Institute of Engineering and Management, Mahiravani, Trimbak Road, Nashik-422213



Department of Computer Engineering

Institute Vision

We at SIEM aspire to be a globally recognized Institute that delivers a world class education to outstanding intellectual by nurturing and grooming by their interest, creative abilities and thrusts to acquire a life-long learning so as to imbibe values of their commitment towards society.

Department Vision

The department aims to be recognized in the field of quality education through excellence in teaching, learning, research and innovation for the betterment of society.

EVENT REPORT

VAP on "Basics and Core JAVA"

Name of Event: VAP on "Basics and Core JAVA"

Date of Event: 06/10/2023 to 11/10/2023

Coordinator of Event: Prof. M V Korade

Name and Details of Resource Person: Prof. M V Korade

No of Participants: 73

Details of Participants: Students of TE

Program Outcome Mapped: PO5, PO6, PO9, PO11, PSO1, PSO3

Objectives:

- 1) Provide students with a strong understanding of the fundamental concepts of Java.
- Teach students the principles of object-oriented programming (OOP) in Java
- 3) Familiarize students with implementation of programs in

Outcome:

- 1) Students should have a strong grasp of Java's basic syntax and implementation.
- Students should be able to design and implement classes and objects using OOP principles.
- Students should be capable of debugging Java programs and writing basic unit tests.
- Students should be able to write clean, well-structured code following Java coding standards and best practices.
- 5) Student should be able to answer the interview questions in placement drives.

Photos:















Sandip Foundation's Sandip Institute of Engineering and Management, Nashik Mahiravani, Trimbak Road, Nashik – 422 213, Maharashtra Phone: (02594) 222581/82/83/84, Fax: (02594) 222 585 <u>https://www.sandipfoundation.org / info@siem.org.in</u>

Department of Computer Engineering

Date - 01/10/2023

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Notice

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All the TE students are here by informed that department is going to conduct Value Addition Program on "Basic and Core Java" from 6th Oct 2023 to 11th Oct 2023.

It is compulsory to all to attend this VAP. The VAP content (Theory and Practical's) will be communicated soon.





Course Content:

Course Title:

Basics and Core Java

Module 1Introduction to Java1. What is Java? 2. History of Java 3. Features of Java 4. Java Development EnvironmentModule 2Java Basics1. Java Syntax and Structure 2. Data Types 3. Variables and Constants 4. Operators 5. Control Flow (if, else, switch)Module 3Object-Oriented Programming in Java 4. Dolymorphism 5. Encapsulation 6. Abstraction1. Classes and Objects 2. Constructors 3. Inheritance 4. Polymorphism 5. Encapsulation 6. AbstractionModule 4Exception Handling1. Exception Types 2. Handling Exceptions (try, catch, finally) 3. Custom ExceptionsModule 5Basic Input/Output1. Input using Scanner 2. Output using System.out 3. File I/OModule 6Collections1. Arrays 3. Hardshap) 4. Sets (HashSet) 5. Iteration and ManipulationModule 7Java Standard Library 4. Multithreading1. String Handling 3. System.out 3. System.out 3. System.out 3. System.out 3. System.out 3. String Handling 2. Date and Time 3. Regular Expressions 4. Math Functions 5. Formating and Localization 1. Introduction to Threads 3. Synchronization 4. Concurrency IssuesModule 8Multithreading 3. Synchronization 4. Concurrency IssuesModule 9Java File I/O1. File Handling 2. Reading and Writing Files	Module No.	Module	Content
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2. Reading and Writing Files	Module 9	Java File I/O	1. File Handling
			2. Reading and Writing Files

Pract	ical Content:-	
Lab No.	Lab Name	Content
Lab 1	Setting Up Your Development Environment	 Installing JDK and IDE (e.g., Eclipse or IntelliJ) Creating Your First Java Program
Lab 2	Variables, Data Types, and Operators	 Working with Variables Data Type Conversions Arithmetic and Logical Operators
Lab 3	Control Flow and Decision Making	 If-else Statements Switch Statements Loops (for, while, do-while)
Lab 4	Object-Oriented Programming	 Creating Classes and Objects Implementing Inheritance Polymorphism and Abstraction Exception Handling in Practice
Lab 5	Working with Collections	 Arrays and Lists Maps and Sets Iterating and Manipulating Collections
Lab 6	Java Standard Library	 String Manipulation Date and Time Functions Regular Expressions
Lab 7	Multithreading	 Creating and Managing Threads Synchronization Techniques Practical Multithreading Examples
Lab 8	File I/O and Practical Applications	 Reading and Writing Files Practical Projects Involving File I/O

Google Classroom:

Students can refer the code and material provided on the google classroom.





Student Certificates:





Attendance of Students:

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Sandip Institute of Engineering and Management, Nashik Mahiravani, Trimbak Road, Nashik – 422 213, Maharashtra Phone: (02594) 222581/82/83/84, Fax: (02594) 222 585 <u>https://www.sandipfoundation.org/info@siem.org.in</u> SIEM SANDIP

The

TE- Computer Department

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		Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening	
31	KHAIRNAR DINESH SANTOSH	Sting	And	SAME	AMO	the	the	Ela	AND	Stigoo	And	2
32	KISHORI MANOJ JADHAV	Gerdhav	Hadbar	Kinghan	Judhan	Lipdiana	hipothew	hojaka	hindren	lindhur	Kjuduw	
33	KSHITIJA SHARAD GHOLAP	Rhelop.	X	Rhdap	Cholas	Alder	Pholop	Bolap	Wholesp	Wolf	hilder	
34	LAYIK A. D	X	teruite	Lagile	Jan	Lought	Loughe	Louis	Jean	Joans	Isajis	
35	MALODE SANKET RIDDESHWAR	Splalode	Eplabel	Bolalect	30 bloc	ap labole	Bralad	Colod	66	Splale	Bolaba	e
36	MAYA BHAUSAHEB BHOR	Ent?	\backslash	Gula	64	Cupter	ang	Grand	ag	Conf	Grift	
37	MORE OJASVI SANJAY	X	X	X	X		X	X	X	X	X	
38	NAGARE SAKSHI BHAUSAHEB	Abaldus	(John Jaka 1)	and	Ablaha	Rebe	Astell	Balak	aller	Osaldi	Asalahi	
39	NAGRE SAKSHI SHARAD	Enagp	Chaqps	Enagn-	Bragn	Smith	Gragos	Banagure	Bungy	Banage	Saraget	1
40	NARKHEDE OMPRASAD SANDESH	Ostable.	abilitate	applet	Bellado	alate	alafd	Roll	Sun	(Joelh)	Bladd	C
41	PAGARE SUDARSHAN MADHUKAR	X	X	\times	X	X	X	\times	X	X	X	98 M3
42	PAIGHAN HITESH RAMESH	Hitest	Jukoh	hiten	quiter	Julen	future	hitre	triffer	future	Future	
43	PANDEY ISHIKA SHAILENDRA	\bigvee		adiates	Johites	With	Hike	3 dille	adinter	18hites	Hite	CON
44	PARDESHI KHUSHI LAXMAN		A	2 m	P	0	Ŷ,	4	9	9	D	3410
45	PARDESHI MANJIT KISHORSINGH	RY	mar	TAX	TA)	R	N	E D	pray	May	John	1

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Stem Sandip Institute of Engineering and Management, Nashik Mahiravani, Trimbak Road, Nashik - 422 213, Maharashtra Phone: (02594) 222581/82/83/84, Fax: (02594) 222 585 https://www.sandipfoundation.org / info@siem.org.in

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ROLL NO	STUDENT NAME	6/10	12023	4/10	2023	911	0 2023	10/10	12023		
	DI ODLANT MARKE	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening
46	PATEL KRUSHNA AMISH	X	\times	>		- All	-	-		-	~
47	PATHARE SNEHA ANIL	Oneng	1	Shaher	Shehee	Grehel	Gneha	Shehr	Steha	Sheld	Shehe
48	PATIL HARSHADA DNYANESHWAR	Bur	X	· Rom	Broto	Buns	Bur	Bau	Tous	The	Otro
49	PATIL LAVKESH SANJAY	X		Blue	Bild	- Cure	CREAK	W38atul	BRALL	Bah	aspat
50	PATIL SHRINIWAS JAYAWANT	Alatil.	tari	Avan	Telant	Arahl	Alert	Mah 1	Alatil	Blatil	Batil
51	PATIL VAIBHAV SHALIK	Veatily	Veatril:	Maty	Vraty	Saty.	Setul	Neity	Vieitzf	· Starty	Sitty
52	PATOLE GAURI SHIVAJI	Protes	Fate	Pate	Patel	Patel	Perfel	Peatel	Babel	Seald	Cent
53	PAWAR MAYUR HANSRAJ	Rasse	Rell	addes	Helt	ABulla	APBallion A	PAT Base	Alagee	Mare	papabeer
54	PRAJAPATI ARVINDKUMAR MAKKHANLAL	X	Auf	Auto	Ruf	Auto	Buff	Auf	Ruf	and	Out
55	PRANAV BHASKAR PANSARE	primary	proven	quanal	Brower	Brow	Buene	Annau	Provad	A Lapoort	Bara
56	PRITI VITTHAL JADHAV	Pribi.	Poiti	Paili-	Proto	Poiti	Priti	Prili	Roiti	Poiti	Poiti
57	RAUT PRASHANT SUDAM	\times	X	X	X	X	X	X	\times	X	X
58	ROHIT GANPATRAO MORE	Pour	P2	amore	Di	BY	B	Del	Por	Del	D
59	SAKSHI KIRAN SHINDE	Chillink	Askint	Skillunde	Skilinde	addurate	Alderer	Alling	Artimes	Fritinge	Stand
60	SANGLE ADITYA ANIL	X		~		X	×	X	X	\times	\times

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ROLL	OTHER DATE NAME	6/10	12023	7/10	2013	910	2023	101	6 23		
NU	STUDENT NAME	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening	Morning	Evening
61	SHAIKH MEHVISH FATIMA ZAKIR	\bigvee	\langle / \rangle	0.			0		T		-
62	SHAILENDRA KUMAR MAHOBE	\wedge	X	AL	Ally	ARM	Rug	Att	AA	ACY	ANS
63	SHINDE BHUPESH ANIL	Ballhinds .	Bashiol	Ballhinde	BAShirol .	Bathirde	. JAshirde	Billinde	Ballinde	Bealtha	Altitetu
64	SHINDE SAURABH JAGAN	\times	X				-		-	-	-
65	SOLANKI KHUSHI KIRANKUMAR	thi:	dettis,	455	The series	TOTA	10	T	ter-	The state	Tel
6ú	SONAWANE ANKITA SUBHASH	thaware	The work	Dawan	Chaume	Auguale	Toward	France	tome	Atro	Atos
67	SONAWANE OMKAR CHANDRABHAN	Lan	jour	1 minut	Online	Her	Bur	Jan	Jan	the c	found
68	SONAWANE SAHIL PRAMOD	X	X		~	-		-		-	-
69	SONAWANE SANKET RAJENDRA	ab	d	A	-d	A	de	Sa	Se	Sn	8
70	SOPE LALIT RAMESH	\bigvee	\mathbf{V}	\bigvee	V	\bigvee	N	\bigvee	\searrow	\searrow	\searrow
71	TANMAY DAGADU CHAUDHARI	\square				CEAR	Cha				$\langle \rangle$
72	TEJAS KAILAS MEHETRE	Canato	Tatist	TEAD	Gava	Condi	Certina	Bar	Ant.	Consi	Col.
73	VIJAY RAMCHARAN LODHIRAJPUT	\times	X								ineen

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Activity Feedback Form

Name of Participant: Class:	Jagtap Nupur Sanjay B.E.
Contact Number:	9404886282
Email id:	nupwyougtax 2003@gmail.com.
Title of Activity:	VAP on "Basics and Core Java"

Give your rating on the basis of following evaluation scores.

Rating Excellent - 4 Good - 3 Scale	Average - 2 Below Average - 1
Statements	Rating
The Content was based on relevant topics.	3
The Program was well organized.	3
The topic of the program was easy to understand	3
The duration of the program was good enough.	3
The Program was beneficial for students' academic growth.	/personal 3
Overall view of the Session	3

Suggestions / Comments:

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Activity Feedback Form

Name of Participant:	Prasad Bhagwat
Class:	B.E.
Contact Number:	8010544510
Email id:	bhagwatp 2510 @ gmail. com
Title of Activity:	VAP on Basics and Core JAVA"

Give your rating on the basis of following evaluation scores.

Rating Excellent - 4 Good - 3 Scale	Average - 2 Below Average - 1
Statements	Rating
The Content was based on relevant topics.	3
The Program was well organized.	3
The topic of the program was easy to understand	3
The duration of the program was good enough.	3
The Program was beneficial for students' academic growth.	/personal 3
Overall view of the Session	3

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Suggestions / Comments:

excellent

Signature of Participant:

Date: 11 - 10 - 23.