Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF TECHNOLOGY
(Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra and Affiliated to the University of Mumbai)
bhirgoan, kumbharpada, Virar(E), Taluka Vasai 401305, Phone no:7770002544 Website: www.viva-technology.org
COMPUTER ENGINEERING DEPARTMENT

Academic Year 2018 – 19

Course name: - Programming with JAVA

Duration: - 25th Jun 2018 to 29th Jun 2018

Venue: - VIVA Institute of Technology

Co-ordinator: - Prof. Janhavi Thakur

Enrolled students: - 17

Course Objective:-

1. To understand the basic concepts and fundamentals of platform independent object oriented language.
2. To demonstrate skills in writing programs using exception handling techniques and multithreading.
3. To understand streams and efficient user interface design techniques.
4. To write programs for solving real world problems using java collection framework.
5. To impart hands-on experience with java programming.

Course Outcomes: -

After successful completion of the course, the students are able to

1. Use the syntax and semantics of java programming language and basic concepts of OOP.
2. Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.
3. Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.
4. Able to write programs for solving real world problems using java collection frame work.

Course Schedule: –

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction to Java, Java buzzword, scope, and lifetime	Classes and Objects, Inheritance Exercise
2	Interference, Packages	Exception Handling Exercise
3	Strings, and Library	Multithreading Exercise
4	Applets	Event Handling Exercise
5	Layout Manager	Quiz

Report:-

Computer engg. department of VIVA Institute of Technology conducted a course on "Programming with JAVA" for second and third year students. Total 17 students had been enrolled for this course.

This course was conducted by Prof. Janhavi Thakur in order to provide basic knowledge of JAVA programming. This was 30 hrs certificate course.

During the course students learned basic programming of JAVA. Also students learned all concepts of JAVA like interference, packages, and applets and so on. Students practiced of all things concepts in the exercise session. All doubts and errors during programming were solved by the coordinator.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course Outcome	Program Outcome											
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
CO 1	3	-	-	-	-	-	-	-	-	-	-	-
CO2	-	2	-	-	-	-	-	-	-	-	-	-
CO3	-	-	3	1	-	-	-	-	-	-	-	-
CO4	-	-	3	-	-	-	-	-	-	-	-	-
	3	2	3	3	-	-	-	-	-	-	-	-

CO PO Justification: -

COs	POs	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO2	Moderately mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Strongly mapped as the students will be able to find a solution for the problem identified.
	PO4	Slightly mapped as the students will be able to depict the project outcome and future scope.
CO4	PO3	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

Ashwini Save

HOD, Computer Engg.

Academic Year 2018 - 19

Course Name:- Programming with JAVA

Course Duration:- 25th Jun to 29th Jun 2018

Attendance Sheet

Sr. No.	Name of Student	25/06/2018 Morning Session (9 to 12)	25/06/2018 Afternoon Session (1 to 4)	26/06/2018 Morning Session (9 to 12)	26/06/2018 Afternoon Session (1 to 4)	27/06/2018 Morning Session (9 to 12)	27/06/2018 Afternoon Session (1 to 4)	28/06/2018 Morning Session (9 to 12)	28/06/2018 Afternoon Session (1 to 4)	29/06/2018 Morning Session (9 to 12)	29/06/2018 Afternoon Session (1 to 4)
1	GAIKWAD RITIK SANTOSH	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik
2	GURAV ANIKET SHANKAR	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav	Gurav
3	GOWARI YOGESH ARJUN	J.Gowari	J.Gowari	A—	A—	J.Gowari	J.Gowari	J.Gowari	J.Gowari	J.Gowari	Gurav
4	JHA VISHNU JITENDRA	V.Jha	VJha	VJha	VJha	VJha	VJha	VJha	VJha	VJha	VJha
5	KADAM JATIN SANJAY	JK	JK	JK	JK	JK	JR	JK	JK	JK	JK
6	MHASKAR SUNETRA RAGHUNATH	S.m	S.m.	S.m.	S.m	S.m	S.m	S.m	A—	S.m	S.m
7	KHAN ATIFASAD SHAKIRALI	AR	AR	AR	AR	AR	AR	AR	AR	AR	AR
8	YADAV DILIP MAHENDRA	Dilip	Dilip	Dilip	Dilip	Dilip	Dilip	DILIP	Dilip	Dilip	Dilip
9	VAGHASIYA TUSHAR MANSUKH	T.V.	T.V.	T.V	T.V.	T.V	T.V.	T.V.	T.V	T.V.	T.V.
10	RAVANKAR SEJAL PRATEEP	Sejal	Sejal	Sejal	Sejal	A—	A—	Sejal	Sejal	Sejal	Sejal
11	GUPTA MOHITKUMAR JAYPRAKASH	Mupta	Mupta	Mupta	Mupta	Mupta	Mupta	Mupta	Mupta	Mupta	Mupta
12	GUPTA PRAKASH VIJAYSHANKAR	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG
13	HAZRA SOHAN SUNIL	H-S	H-S.	H-S.	H-S.	H-S.	H-S.	H-S.	A—	H-S.	H-S.
14	JADHAV PRADNESH SANJAY	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD	R.JAD
15	LAD KRUNAL KISHOR	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL	KRUNAL
16	LADUMOR SHIVAM KETAN	Shivam	Shivam	A—	A—	Shivam	Shivam	Shivam	Shivam	Shivam	Shivam
17	PATIL PARESH YASHWANT	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil

Academic Year 2018 - 19

Course name: - Learning with Python
Duration: - Throughout the semester
Venue: - VIVA Institute of Technology
Co-ordinator: - Prof. Vinit Raut
Enrolled students: - 20

Course Objective:-
1. To create fully functional Python programs
2. To understand user input
3. To learn about loop structures and conditionals
4. To work with Python file handling

Course Outcomes: -
After successful completion of the course, the students are able to
1. Describe the basics of the Python programming language
2. Install Python and write first program
3. Use variables to store, retrieve and calculate information
4. Utilize core programming tools such as functions and loops
5. Explain the basic principles of Python programming language

Course Schedule: -

Days	Morning Session (9 am to 12 pm)	Afternoon Session (1 pm to 4 pm)
1	Introduction	Install Python and basic python program
2	Basic syntax , variables and strings	Lists, Tuples and Dictionaries. Exercise
3	If-else statements, For loop	While loop, Pass, break and continue Exercise
4	Understanding Functions	File handling – opening and reading
5	Classes and Objects	Exercise Quiz

Report:-

Computer engg. Department of VIVA Institute of Technology conducted a course on "Learning with Python" for second and third year students. Total 20 students had been enrolled for this course.

This course was conducted by Prof. Vinit Raut in order to provide basic knowledge of Python programming. This was 30 hrs. Certificate course.

During the course students learned how to install Python. They learned all the basic of python like variables, lists, strings. Also students study conditional statements and loops. This course also cover functions and file handling.

Students enjoyed the course and completed it successfully.

CO-PO Mapping: -

Course Outcome	Program Outcome											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO 1	3	-	-	-	-	-	-	-	-	-	-	-
CO2	3	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	3	-	-	-	-	-	-	-	-	-
CO4	-	-	3	2	-	-	-	-	-	-	-	-
CO5	-	3	-	-	-	-	-	-	-	-	1	1
	3	3	3	2	-	-	-	-	-	-	1	1

CO PO Justification: -

COs	POs	Justification
CO1	PO1	Strongly mapped as the students will be able to analyse the problem to be implemented using basics of Python.
CO2	PO1	Strongly mapped as the students will be able to identify the technique required to implement the problem.
CO3	PO3	Slightly mapped as the students will be able to find a solution for the problem identified.
CO4	PO3	Strongly mapped as the students will be able to find the relevant tools to implement the problem stated.
	PO4	Moderately mapped as the students will be able to find a feasible solution for the problem designed.
CO5	PO2	Strongly mapped as the students will be able to develop design methodologies for the system to be developed.

Ashwini Save

HOD, Computer Engg.

VIVA INSTITUTE OF TECHNOLOGY

Computer Engineering Department

Academic Year 2018 - 19

Course Name:- Learning With Python

Course Duration:- 2nd Jan to 5th Jan, 11th and 18th Jan 2019

Attendance Sheet

Sr. No.	Name of Student	02/01/2019 Morning Session (9 to 12)	02/01/2019 Afternoon Session (1 to 4)	03/01/2019 Morning Session (9 to 12)	03/01/2019 Afternoon Session (1 to 4)	04/01/2019 Morning Session (9 to 12)	04/01/2019 Afternoon Session (1 to 4)	05/01/2019 Morning Session (9 to 12)	05/01/2019 Afternoon Session (1 to 4)	11/01/2019 Afternoon Session (1.30 to 4.30)	18/01/2019 Afternoon Session (1.30 to 4.30)
1	Disha Sakre	Disha	Disha	Disha	Disha	Disha	Disha	Disha	Disha	Disha	Disha
2	Dheeraj Purohit	DP	DP	DP	DP	DP	DP	DP	DP	DP	DP
3	Rutika Ganesh Naik	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika	Rutika
4	Sneha Gorakhnath Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
5	Shubham Subhash Warang	SS	SS	SS	SS	SS	SS	SS	SS	SS	SS
6	Jatin Sanjay Kadam	A	A	Jatin	Jatin	Jatin	Jatin	Jatin	Jatin	Jatin	Jatin
7	Geetanjali Dilip Jadhav	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ	GJ
8	Daksh Paresh Ashar	daksh	daksh	daksh	daksh	daksh	daksh	daksh	daksh	daksh	daksh
9	Vandan Raval	VndR	VndR	VndR	Vndl	Vndl	VndR	Vndl	Vndl	Vndl	VndR
10	Faiz Harun Shaikh	faiz	faiz	faiz	faiz	faiz	A	faiz	faiz	faiz	faiz
11	Sanket Memane	SM	SM	SM	SM	SM	SM	SM	SM	SM	SM
12	Sunetra Raghunath Mhaskar	S	S	S	S	S	S	S	S	S	S
13	Patil Shraddha Dilip	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
14	Raut Meet Jitendra	Meet	Meet	Meet	Meet	Meet	Meet	Meet	Meet	Meet	Meet
15	Gupta Shyam	St	St	St	St	A	A	St	St	St	St
16	Kansara Manthan Sanjay	KM	KM	KM	KM	KM	KM	KM	KM	KM	KM
17	Patil Devesh Anil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
18	Patil Paresh Yashwant	Paresh	Paresh	Paresh	Paresh	Paresh	Paresh	Paresh	Paresh	Paresh	Paresh
19	Tare Aditi Deepak	A.T	A.T	A.T	A.T	A.T	A.T	A.T	A.T	A	A
20	Suryawanshi Gaurav Vijay	gaurav	gaurav	gaurav	gaurav	gaurav	gaurav	gaurav	gaurav	gaurav	gaurav