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)
Shirgaon, Kumbharpada, Virar(E), Taluka Vasai 401305, Phone no: 7770024942, Website: www.viva-technology.org
COMPUTER ENGINEERING DEPARTMENT

Academic Year 2017-18

Course name: - Programming with JAVA

Duration: - 10th July 2017 to 14th July 2017

Venue: - VIVA Institute of Technology

Co-ordinator: - Prof. Janhavi Thakur

Enrolled students: - 20

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 20 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, applets and so on. Students practiced of all things concepts in the exercise session. All doubts and errors during programming were solved by the co-ordinator.

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.

Course Name:-Programming with JAVA

Course Duration:- 10th Julu 2017 to 14th July 2017

Attendance Sheet

Sr. No.	Name of Student	10/07/2017 Morning Session (9 to 12)	10/07/2017 Afternoon Session (1 to 4)	11/07/2017 Morning Session (9 to 12)	11/07/2017 Afternoon Session (1 to 4)	12/07/2017 Morning Session (9 to 12)	12/07/2017 Afternoon Session (1 to 4)	13/07/2017 Morning Session (9 to 12)	13/07/2017 Afternoon Session (1 to 4)	14/07/2017 Morning Session (9 to 12)	14/07/2017 Afternoon Session (1 to 4)
1	ANGWALKAR SAHIL VIJAY	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
2	AREKAR VRISHESH JAYVANT	Vrishay	Vrishan	Vrishah	Vrishah	Vrishah	Vrishah	Vrishah	Vrishah	Vrishah	Vrishah
3	BHALERAO ROHIT YASHWANT	RB	RB	RB	RB	-A-	-A-	RB	RB	suhas	suhas
4	CHAUBEY SUHAS SATYAPRAKASH	suhas	suhas	suhas	suhas	suhas	suhas	suhas	suhas	suhas	suhas
5	CHAUHAN ARJUN MUNIB	A.C.	A.C	A.C	A.C	A.C	A.C	A.C	A.C	A.C.	A.C
6	HATE SANKITA SHARAD	Sankita	Sankita	Sonkito	Sankita	Sankita	Sankita	Sankita	Sankita	Sankita	Sankita
7	HIRVE VISHAKHA ANIL	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve	Ahirve
8	JOSHI VAIBHAV VIJAY	Joshiv	Joshiv	Jashiv	Joshiv	Joshiv	Joshiv	-A-	-A-	Joshiv	Joshiv
9	KAMBLE PRIYANKA ULHAS	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
10	BHOIR VINIT DNYANESHWAR	RB	RB	RB	RB	RB	RB	RB	RB	RB	RB
11	BHOVAD SHIVANI MANOHAR	shivani	shivani	shivani	-A-	shivani	shivani	shivani	shivani	shivani	shivani
12	BILLAVA PALLAVI JOGA	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	Pallavi	-A-	Pallavi	Pallavi
13	CHAUDHARY VIKAS RAJESH										
14	CHAVAN DEEPALI SANJAY	eepali	eepali	eepali	eepali	eepali	eepali	eepali	eepali	eepali	eepali
15	DHANDE AMIT THAKUR	A	A	A	A	A	A	A	A	A	A
16	DUBEY SHWETA UMASHANKAR	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta	Sweta
17	MARTHAK HARSH PANKAJ	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
18	MISHRA RAHUL INDRASEN	R.M.	R.M.	-A-	-A-	R.M.	R.M.	R.M.	R.M.	R.M.	R.M.
19	MOGAVEERA PRAJWAL MUTTHA	Rm	Rm	Rm	Rm	Rm	Rm	Rm	Rm	-A-	-A-
20	NIKAM ABHISHEK SHASHIKANT	AN	AN	AN	AN	AN	AN	AN	AN		

Academic Year 2017-18

Course name: - Learning with Python
Duration: - 2nd Jan 2018 to 6th Jan 2018
Venue: - VIVA Institute of Technology
Co-ordinator: - Prof. Vinit Raut
Enrolled students: - 15

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 40 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											
	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	3	-	-	-	-	-	-	-	-	-	-	-
CO3	-	-	3	-	-	-	-	-	-	-	-	-
CO4	-	-	3	2	-	-	-	-	-	-	1	1
CO5	-	3	-	-	-	-	-	-	-	-	1	1
	3	3	3	2	-	-	-	-	-	-		

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.

Course Name:- Learning With Python

Course Duration:- 2nd Jan 2018 to 6th Jan 2018

Attendance Sheet

Sr. No.	Name of Student	02-01-2018 Morning Session (9 to 12)	02-01-2018 Afternoon Session (1 to 4)	03-01-2018 Morning Session (9 to 12)	03-01-2018 Afternoon Session (1 to 4)	04-01-2018 Morning Session (9 to 12)	04-01-2018 Afternoon Session (1 to 4)	05-01-2018 Morning Session (9 to 12)	05-01-2018 Afternoon Session (1 to 4)	06-01-2018 Morning Session (9 to 12)	06-01-2018 Afternoon Session (1 to 4)
1	PARAB ADITYA RAVINDRA	*sign*	*sign*	*sign*	A	*sign*	*sign*	A	A	*sign*	A
2	PATANWALA HAIDER HOZEFA	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
3	PATEL HARDIK MOHAN	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
4	PATIL CHIRAG PRAKASH	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
5	PATIL DEVESH ANIL	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
6	PATIL PARESH YASHWANT	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
7	BHALERAO ROHIT YASHWANT	*sign*	*sign*	*sign*	*sign*	A	A	*sign*	*sign*	*sign*	*sign*
8	CHAUBEY SUHAS SATYAPRAKASH	*sign*	*sign*	*sign*	*sign*	*sign*	A	*sign*	*sign*	*sign*	*sign*
9	CHAUHAN ARJUN MUNIB	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
10	CHAUHAN ARJUN MUNIB	*sign*	*sign*	A	A	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
11	CHAVAN KETAN PRAVINBHAI	*sign*	*sign*	*sign*	*sign*	*sign*	A	*sign*	*sign*	*sign*	*sign*
12	GAWDE KAUSTUBH SHASHIKANT	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
13	GORAD RAHUL MOHAN	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	A	*sign*	*sign*
14	GUPTA AKASH	*sign*	*sign*	*sign*	A	*sign*	*sign*	A	A	*sign*	*sign*
15	LOKHANDE RUSHIKESH RAJU	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	A	A	*sign*	*sign*

Vinit Raut
Co ordinator