Internship

On

Python ROGRAMMING"

At

"ORIENTAL COLLEGE OF TECHNOLOGY"

Submitted in Partial fulfilment for the Award of the degree of

Bachelor of Technology

In

"CSE DEPARTMENT"

Submitted to

RAGIV GANDHI PROUDYOGIKI VISHWAVIDHYALAYA, BHOPAL (M.P)

Submitted by

SHEEZAH HASEEB

0126CS211106

Under the guidance of:

Prof. Krantee Singh

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Department Of CSE

Approved by AICTE New Delhi & Govt. of MP

Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

July 2021-June 2022

ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL

Approved by AICTE, New Delhi & Govt. of M.P. Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, BhopalOriental Campus, Raisen Road, Bhopal-462021 (MP) INDIA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CANDIDATE'S DECLARATION

I hereby declare that the Industrial training/ Internship reporton PYTHON P**ROGRAMMING** which is being presented hereforthe partial fulfillment of the requirement of Degree of **"Bachelor of Technology "** has been carried out at **ORIENTAL COLLEGE OF TECHNOLOGY**. The technical information provided in this report is presented with due permission of the authorities from the training organization.

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DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

CERIFICATE OF INSTITUTE

This is to certify that Mr. / Ms. SHEEZAH HASEEB of B.Tech. COMPUTER SCIENCE AND ENGINEERING Department Enrollment No. 0126CS211106 has **completed / partially completed / not completed** his / her Industrial Training/Internship during the academic year 2021-2022 as partial fulfilment of the Bachelor of Engineering in CSE BRANCH

Name of Faculty Coordinator   **Name of HOD**

Prof. Krantee Singh   **Dr. Farah Haneef**

Assistant Professor   **HOD CSE department**

ACKNOWLEDGEMENT

It gives me immense pleasure to express my deepest sense of gratitude and sincere thanks to my supervisors Sandeep Monga, Associate Professor, Computer Science And Engineering ,OGI for their valuable guidance encouragement and help during industrial training.

SHEEZAH HASEEB

0126CS211102

Learning Outcomes

1. **Use an appropriate programming environment to code, compile , run and debug computer programs.**
2. **Understand how to install and use a good java development environment.**
3. **Understand fundamentals of object oriented programming in java**
4. **Design and implement small object oriented solution to novel programming problems**
5. **Understand the fundamentals of programming such as variable, conditional and iterative execution, methods etc.**
6. **Learn how to produce robust program in java using exception handling and extensive program testing.**
7. **Understand how methods/subroutines/functions work in java**
8. **Demonstrate working with primitive data types, strings and arrays.**

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Self-assessment of Industrial Training by the student

1. Name of Student: Shivi Chourey
2. Name and address of   Oriental College Of technology

Sponsoring Industry   Raisen Road, Bhopal – 462021(M.P)

1. Guide from IndustryDR. Sandeep Monga

(with designation)Associate Professor

1. Date of commencement 22/08/2022

of Industrial Training

1. Number of days present 10 days out 15 of days.
2. I hereby declare that, I have learnt following skills during my Industrial Training:

Sr.	Description	Weightage (%)
1	Basic Java constructs like datatypes and arrays	
2	Importance of Java	
3	Why java is not 100% object oriented programming language	
4	Importance of OOPs in Java	
5	Polymorphism	
6	Inheritance and its types	

7	Encapsulation and Abstraction	
8	Exception Handling	
9	Difference Between C++ and Java	
10	Programs on Java based on different types of inheritances	
11	Method overloading and Method Overriding	
12	Difference Between core java and advance java	
13	Importance of Class and Objects in Java	
14	Future Scope of Java language	
	Total	100

Date: Signature of Student

Place: Bhopal, Madhya PradeshName of Student: Shivi Chourey

Daily Attendance & Progress report

S.No.	Date	Department	Task performed	Remarks
1	22/08/2022	Computer Science And Engineering	Introduction and features of java	
2	23/08/2022	Computer Science And Engineering	Basics of Java like data types operator	
3	24/08/2022	Computer Science And Engineering	Variables and control statements	
4	25/08/2022	Computer Science And Engineering	Strings in java	
5	26/08/2022	Computer Science And Engineering	Arrays in Java	
6	28/08/2022	Computer Science And Engineering	Introduction of concepts of oops in java	
7	29/08/2022	Computer Science And Engineering	Class and objects in java	
8	30/08/2022	Computer Science And Engineering	Inheritance	
9	01/08/2022	Computer Science And Engineering	Polymorphism	
		Computer Science	Encapsulation and Abstraction	

10	02/08/2022	And Engineering		
11	05/08/2022	Computer Science And Engineering	Difference between C++ and JAVA	
12	06/08/2022	Computer Science And Engineering	Advantages and disadvantages of java	
13	08/08/2022	Computer Science And Engineering	Benefits and limitation of oops	

Signature of Student:Signature of supervisor/Incharge:

Name:Sheezah Haseeb

Name: Dr. Sandeep Monga

Enrollment No.: 0126cs211102

Designation: Associate Professor

Department: Computer Science and Engineering

Date:

General guidelines for report writing (Industrial Training/ Internship)

1. All headings of the technical report should be CAPS and left aligned. Numbering should be like 1.1, 1.2…., 2.1, 2.2------, 3.1, 3.2 ------ and so on.
2. All subheading of the technical report should be title case.Numbering should be like 1.1.1, 1.1.2…., 1.2.1, 1.2.2------ ,2.1.1, 2.1.2------,2.2.1, 2.2.2--------, 3.1.1, 3.1.2 ------, 3.2.1, 3.2.2-------- and so on.
3. All sub-subheadings should be sentence case.Numbering should be like 1.1.1.1, 1.1.1.2…., 1.2.1.1, 1.2.2.2------and so on.
4. All figures should be captioned below figures(font of caption should be 10 in sentence case, centre aligned).Figure numbering should be 1.1, 1.2 or 2.1, 2.2 or 3.1, 3.2 and so on.
5. All tables should be captioned abovetables (font of caption should be 10 in sentence case, centre aligned. Tablenumbering should be 1.1,1.2 or 2.1, 2.2 or 3.1, 3.2 and so on.
6. Appendix should be numbered in roman letters eg. Appendix I: title of appendix (14, bold, right aligned)
7. All text should be written in font size 12, times new roman, 1.5 line spacing and justify.

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