Activity Report

Of

Five Days Technical

Workshop on

"PYTHON Programming"

(4 SEP 2023 to 9 SEP 2023)

Organized by
Department of Computer Engineering
Sandip Institute of Technology and Research Centre

Name of Program: Five Days Hands on Workshop on "PYTHON Programming"

Date: 4 SEPT 2023 to 08 SEPT 2023

Resource Person: 1. Mrs. Vrushali Kulkarni

Event Coordinator: 1. Prof. Pallavi A. Chaudhari (Asst. Professor, SITRC)

2. Prof. Sunil M. Kale (Asst. Professor, SITRC)

Participants: SE Students (Computer Department)

Venue: Computer Department, Seminar Hall (C Building)

Aim :

The aim of this workshop organized for students is to provide the foundations of the practical implementation and usage of PYTHON Programming. This workshop introduces fundamental concepts & recent advances of PYTHON Programming which in turn help students to apply it in practice and further load the foundation to a deeper study in this area.

Objective:

1) To acquire programming skills in PYTHON.
2) To acquire Object oriented skills in PYTHON.
3) To acquire knowledge of application in PYTHON.

Objective: Day wise

Day1:

Module 1: An Introduction to Python
- ☐ what can Python do?
- ☐ Why Python?
- ☐ Good to know
- ☐ Python Syntax compared to other programming languages
- ☐ Python Install

Module 2: Beginning Python Basics
- ☐ The print statement
- ☐ Comments
- ☐ Python Data Structures & Data Types
- ☐ String Operations in Python
- ☐ Simple Input & Output
- ☐ Simple Output Formatting
- ☐ Operators in python

Day 2:

Module 3: Python Program Flow
- ☐ Indentation
- ☐ The If statement and its' related statement
- ☐ An example with if and it's related statement
- ☐ The while loop
- ☐ The for loop
- ☐ The range statement
- ☐ Break &Continue
- ☐ Assert
- ☐ Examples for looping

Module 4: Functions& Modules
- ☐ Create your own functions
- ☐ Functions Parameters
- ☐ Variable Arguments
- ☐ Scope of a Function
- ☐ Function Documentations
- ☐ Lambda Functions& map
- ☐ n Exercise with functions
- ☐ Create a Module
- ☐ Standard Modules

Day 3:

Module 5: Exceptions Handling
- ☐ Errors
- ☐ Exception handling with try
- ☐ handling Multiple Exceptions
- ☐ writing your own Exception

Module 6: File Handling
- ☐ File handling Modes
- ☐ Reading Files
- ☐ Writing& Appending to Files

☐ Handling File Exceptions
☐ The with statement

Day 4:
Module 7: Classes In Python
☐ New Style Classes
☐ Creating Classes
☐ Instance Methods
☐ Inheritance
☐ Polymorphism
☐ Exception Classes & Custom Exceptions

Day 5:
Module 8: Generators and iterators
☐ Iterators
☐ Generators
☐ The Functions any and all
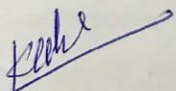☐ With Statement
☐ Data Compression

Module 9: Data Structures
☐ List Comprehensions
☐ Nested List Comprehensions
☐ Dictionary Comprehensions
☐ Functions
☐ Default Parameters
☐ Variable Arguments
☐ Specialized Sorts

Outcomes:

1) Explain basic principle of PYTHON Programming

2) Implement object oriented concepts

3) Understands the case studies related to PYTHON

4) Build basic programs using fundamental programming constructs like variables,conditional logic, looping, and functions

Summary Report of Workshop on "PYTHON Programming"

To introduces fundamental concepts & recent advances of PYTHON Programming whichin turn help students to apply it in practice and further load the foundation to a deeper study in this area, the department of Computer Engineering of Sandip Foundation's, Sandip Institute of Technology and Research Center organized Five days Technical workshop on "PYTHON Programming" on the Date: 4 Sep 2023 to 9 Sep 2023. The workshop was started with welcome & felicitation of Mrs.Vrushali Kulkarni. To attend the same workshop total 142 students from Computer Engineering were present. At the end of event students appreciated the event. The session concluded with vote of thanks.

Prof. Sunil M. Kale
Co-coordinator

Prof. (Dr.) Ankita V. Karale
(HOD, Comp Dept)

Event Photographs:

Nashik, Maharashtra, India
XQ92+9FH, GajananNagar, Mahajan Nagar, Nashik, Maharashtra
422010, India
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Long 73.751279°
05/09/23 03:32 PM GMT +05:30

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Sandip Foundation's

Sandip Institute of Technology & Research Centre, Nasik

(Approved by AICTE, New Delhi & Govt of Maharashtra, Affiliated to Savitribai Phule Pune University, Pune)

FIVE DAY TECHNICAL PYTHON WORKSHOP

Date: 4 September 2023 to 8 September 2023
Time: 10.10 am to 5 pm
Venue: Seminar Hall, D Building, Department of Mechanical Engineering.

Mrs. Vrushali Kulkarni	Mrs. Pallavi A Chaudhari	Dr. Ankita V. Karale	Dr. M. M. Patil
Resource Person	Mr. Sunil M. Kale	Head of Department	Principal
	Event Organizer	Computer Engineering	

SandipFoundation's
Sandip Institute of Technology and Research Center, Nashik
Departmentof ComputerEngineering
AcademicYear2023-24(Semester-I)

SE A Attendance Sheet- Five Days Workshop on Python

RollNo.	Nameof Student	04/09/23	05/09/23	06/09/23	07/09/23	08/09/23	09/09/23
1	ABHIJITDIPAKDHOKARE						
2	ABHIJITDURYODHANSATHE	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
3	ADITYANALESH NAGARE	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
4	ADITYADEEPAKSONAR	_(sign)_					
5	ADITYARAMNIWASYADAV	_(sign)_					
6	ADITYASUDHAKARNAIKWADE						
7	ADITYA SURESH AHILE						
8	AJAYVISHNU WAGH						
9	AMOL ARUNSHAH	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
10	AMRUTAMANISHKOKATE						
11	ANIKETAMBADASTARLE						
12	ANIKET ASHROBAMOGRE	_(sign)_	_(sign)_	_(sign)_			
13	ANISHKATANAJIWAGHMARE	_(sign)_	_(sign)_				
14	ANKITSHARADPATIL	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
15	ANKITANITESHSWAMISHETE						
16	ANURAGPRABHAKARZETE						
17	ARNAVAMRENDRA SINGH						
18	ARYAMURLIDHARMUNDE	_(sign)_	_(sign)_				
19	ARYANKAILASGAWALI	_(sign)_					
20	ASHWINDNYANESHWARLOKHANDE	_(sign)_					
21	ASHWINI RAMDASPAWAR						
22	ATHARVA NARENDRABHOLE				ABhole		
23	ATHARVASANDEEPKAMBALE	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
24	AVHINABSLATHIAVERINDERSINGH						
25	BHUSHANKASHINATHKHAIRNAR	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
26	BHUSHANRAJENDRA BEDSE						
27	CHAITALIPRAKASHDESHMUKH	_(sign)_	_(sign)_	_(sign)_			
28	CHAITANYAYOGIRAJKOLHE	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
29	CHETANJIBHAUAHIRE						
30	CHIRAGPRADIPPALVE						

Roll No.	Name of Student	04/09/23	05/09/23	06/09/23	07/09/23	08/09/23	09/09/23
31	DARSHANJAGANBAHIRAM	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
32	DARSHANSUDHIRREVAGADE						
33	DEVASHISHDESHMUKH						
34	DEVANSHGIRISHJADHAV						
35	DEVENDRAYOGESHDEVATWAL						
36	DEVENDRASINGHANANDSINGHGIRASE						
37	DEVIDASDINKARCHAVAN	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
38	DIPAKTRILOKISAHANI	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
39	DIPESHRAVINDRAGAVIT	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
40	DNYANESHPRAKASHPATIL						
41	GAURAVPRAKASHBACHHAV	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
42	GOVINDDEEPAKJAGTAP						
43	HARSHADMAHENDRACHAUDHARI	_(sign)_	_(sign)_				
44	HARSHALANNASAHEBBRAMHANE						
45	JAY ARUNMAHAJAN	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
46	KAJALSUBHASHSHIRODE	_(sign)_	_(sign)_				
47	YOGITAGAUTAMWAGH	_(sign)_	_(sign)_				
48	KANISHKA MANOJWAGH						
49	KARTIKASHOK KADAM						
50	KARTIKDHANAJI THORAT						
51	KASHINATHCHINDHUBADADE	_(sign)_					
52	KIRANYOGESHGETHE	_(sign)_	_(sign)_				
53	RUTUJASUNILJADHAV	_(sign)_	_(sign)_				
54	KRUSHANTNATVARBHAIVAMJA						
55	MALAVIKASUNIL KUMARNAIR	_(sign)_	_(sign)_				
56	MAYANKSHIRISHGOGULWAR						
57	MAYURBHAGWANKHAIRE	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
58	MAYURGANESH WAGH						
59	MAYURPADMAKARMALI						
60	MAYURPRAKASH JADHAV						
61	MAYURSANJAY RATHOD	_(sign)_					
62	MAYURESHSHAMKUMARSONAR	_(sign)_	_(sign)_	_(sign)_			
63	MAYURITUKARAMPANDIT						
64	MRUNALVINODDIVATE	_(sign)_					
65	NIKHILBABASAHEBKADAM	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
66	OMARJUNMISHRA						
67	OMDHANRAJHIWALE	_(sign)_					
68	OMSHANTARAMSONAWANE	_(sign)_					
69	PANKAJSURESHBINNAR	_(sign)_	_(sign)_	_(sign)_	_(sign)_	_(sign)_	
70	PARTHARUNKALE	_(sign)_	_(sign)_				

Roll No.	Name of Student	04/09/23	05/09/23	06/09/23	07/09/23	08/09/23	09/09/23
71	POOJARAJENDRAPAKHALE	*signature*	*signature*	*signature*	*signature*	*signature*	
72	POONAMRAJENDRAPAWAR						
73	PRADIPLALMANIYADAV						
74	PRAJAKTASANTOSHJAGTAP						
75	PRANAVBHAGWANKAWALE	*signature*					
76	PRANAVDNYANESHWARLOKHANDE						
77	PRANSHULPRADIPNIKAM						
78	PRASADBAPUSAHEB GAYAKE			*signature*			
79	PRATHMESHSUNILBADGUJAR	*signature*	*signature*	*signature*	*signature*	*signature*	
80	PRATIKHARISHKANDE	*signature*	*signature*	*signature*	*signature*	*signature*	
81	PRATIKKIRANPATIL						
82	PRATIKRAJENDRA SHINDE	*Shinde*					
83	PRIYANKAABHAYISALGE	*Isalge*	*Isalge*				
84	PUNAMSANJAYAHIRE	*signature*					

Prof. Pallavi A. Chaudhari
Prof. Sunil M.Kale
Event Coordinator

Dr.Ankita V.Karale
HOD

SandipFoundation's
Sandip Institute of Technologyand Research Center, Nashik
Department of Computer Engineering
Academic Year2023-24(Semester-I)

SE B Attendance Sheet- Five Days Workshop on Python

Sr.No	Name of Student	04/09/23	05/09/23	06/09/23	07/09/23	08/09/23	09/09/23
1	RAJMILIND PATIL						
2	RAKSHITAMIT SHARMA						
3	RAMBABUᵛADAV	RA	RA	RA	RA	RA	
4	REESHOORAMESHPRATAPYADAV	Reeshoo	Reeshoo	Reeshoo	Reeshoo	Reeshoo	
5	RISHIKESHRAMCHANDRAMARATHE			Rishi			
6	ROHITGANESHRAHATAL						
7	ROHITPRAVINSHINDE	Shinde	Shinde				
8	ROHITTRIMBAKRITTHE						
9	ROSHANKASHINATHDEORE	Deore	Deore				
10	ROSHANSHARAD GHODEKAR	Rshad	Rshad	Rshad	Rshad		
11	RUSHIKESHSANJAY KHULE						
12	RUTUJANITINGHADGE	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	
13	KRISHNAPANDITRAOCHAVAN	Bhavan	Bhavan	Bhavan	Bhavan	Bhavan	
14	SAHILDATTUWANKHEDE	Wankhede	Wankhede	Wankhede	Wankhede	Wankhede	
15	SAHILMUSTAKSHAIKH						
16	SAHILNAVINJADHAV						
17	SAHILSANJAYPATIL	SSP					
18	SAKSHIPRAVINUGALE	Sakshi	Sakshi	Sakshi			
19	SAMADHANPOPATTHAKARE						
20	SAMEERJITENDRAPATIL						
21	SANIKAKEDUKEDARE	Kedare	Kedare	Kedare	Kedare	Kedare	
22	SANIYA KASAMMANIYAR	Saniya	Saniya	Saniya	Saniya	Saniya	
23	SANJEEVANIRAJENDRASHEWALE						
24	SATVIKSANTOSHKULKARNI						
25	SHIVAMPRASHERPURANCHAND SHARMA						
26	SHREYASANJAYDEORE	Deore					
27	SHREYASVISHNUPAGAR	Shreyas	Shreyas	Shreyas	Shreyas	Shreyas	
28	SHREYASHPRADIP AGARE						
29	SHRUTISANJAYKADAM						
30	SHRUTIUTTAMJAGZAP	Jagzap	Jagzap	Jagzap	Jagzap		
31	SHUBHAMPRAMODLOHAR	Lohar	Lohar	Lohar	Lohar	Lohar	

Sr.No	Name of Student	04/09/23	05/09/23	06/09/23	07/09/23	08/09/23	09/09/23
32	SIDDHANTMAHESHPAWAR	Pawar:	Pawar:	Pawar:	Pawar	Pawar.	
33	SIDDHARTHSAGARKUMARROY						
34	SIMRANKAILASBHAWAR						
35	SNEHAMAHESHPRASHAD	Sneha	Sneha				
36	SUHANISAGARSINGHPARDESHI	Suhani	Suhani.	Suhani	Suhi	Suhani	
37	SUMIT AABABORSE						
38	SWAPNILRAMDASBENKE						
39	SWARALIKIRANDESHMUKH						
40	TEJASISHWARVARMA	Varma					
41	TEJASJAGANNATHSHINDE						
42	TEJASRAVINDRAPATIL						
43	TEJASHREESANJAYKALE						
44	TUSHARMOHANAGRAWAL						
45	UJJWALRAKESHDEORE						
46	VEDANTMANOJCHAUDHARI						
47	VEDANTSANJAYRANE						
48	VIRENDRATUKARAMRATHOD						
49	VISHAKHARAJENDRAGANORE	Ganore	Ganore	Ganore	Ganore		
50	VISHALANKUSHRAOKAKDE						
51	VISHALRAMDASJADHAV	Visha					
52	VISHVAJITVIJAYPATIL	WM					
53	VIVEKMANIKCHAUDHARI						
54	VIVEKRAVINDRAPATIL						
55	YASHSOPANKANGANE	Yam	Yam				
56	YASHRAJANILTHUBE	Yash	Yash	Yash	yas	Yash	
57	KALPESHBHAUSAHEBGHODEKAR	K	K	K	K		
58	Tupsamindse Payal		Payal	Payal	Payal	Payal	

Prof. Pallavi A. Chaudhari
　Prof. Sunil M.KaleDr.AnkitaV.Karale
　　Event Coordinator　　　　　　　　　　　　　　　　HOD

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Research Technology, Nashik
NBA & NAAC A Accredited

Certificate of Appreciation

This is to certify that,

Aditya Nagare

has participated and successfully completed Five Days workshop on **"Python Programming"** organized by **Department Of Computer Engineering**, SITRC, Nashik. The duration of programme was from 4th Sept 2023 to 8th Sept 2023.

Prof. (Dr.) Ankita Karale
HOD, SITRC, Nashik

Prof. (Dr.) M.M.Patil
Principal , SITRC, Nashik

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Sandip Institute of Technology and
Research Technology, Nashik
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Certificate of Appreciation

This is to certify that,

Ankit Patil

has participated and successfully completed Five Days workshop on **"Python Programming"** organized by **Department Of Computer Engineering**, SITRC, Nashik. The duration of programme was from 4th Sept 2023 to 8th Sept 2023.

Prof. (Dr.) Ankita Karale
HOD, SITRC, Nashik

Prof. (Dr.) M.M.Patil
Principal , SITRC, Nashik

Date: 01/09/2023

To,

The Principal

SITRC,Nashik

Subject: Permission to conduct Five Days Technical Workshop on Python for Computer Engineering Students.

Respected Sir,

We would like to conduct Five Days Technical Workshop on Python for Computer Engineering Students.

I assure you above program/workshop will not hamper the academics and will be conducted by faculty and other expertise of Computer Engineering Dept.

I request you, kindly allow us to conduct the Workshop.

Thanking You,

Yours Faithfully

Dr.Ankita V. Karale

HOD

Department of Computer Engineering

SITRC, Nashik

Head

Department of Computer Engineering

Sandip Institute of Technology and Research Centre,

Mahiravani. Nashik-422 213

Department of Computer Engineering

Notice

Date:02/09/2023

All the students of second year Computer Engineering are here by informed that our department is organizing Five days Workshop on "Python", on 4th Sept 2023 to 8th Sept 2023.

In the view of same all students are instructed that attendance is compulsory for the same.

Dr.Ankita V. Karale

HOD

Department of Computer Engineering

Head
Department of Computer Engineering
Sandip Institute of Technology and
Research Centre,
Mahiravani, Nashik-422 213

Sandip Institute of Technology and Research Centre

At & Po – Mahirawani, Trimbak Road, Tal & Dist .– Nashik
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website : www.sandipfoundation.org, e-mail : principal@sitrc.org
(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to
Savitribai Phule Pune University (Formerly Pune University), Pune.
Accredited with "A" grade by NAAC With CGPA Score of 3.11

Date:02/09/2023

To,
Mrs. Vrushali Kulkarni
Senior Manager,
Skill Development Hub,
Nashik Engineering Cluster.

Greetings from Sandip Foundation's Sandip Institute of Technology & Research Centre, Nashik. We are pleased to invite you as an Expert for the workshop on Python Programming, proposed on 04th Sept 2023 to 8th Sept 2023. Please accept the invitation and grace the session with your presence.

Thanks, and Regards,

Dr.Ankita V. Karale
HOD
Department of Computer Engineering
Sandip Institute of Technology and Research Centre, Nashik

Head
Department of Computer Engineering
Sandip Institute of Technology and
Research Centre,
Mahiravani, Nashik-422 213

Mrs. Vrushali Kulkarni
Senior Manager,
Skill Development Hub,
Nashik Engineering Cluster.

Date: 08/09/2023

Subject: Letter of Appreciation

Dear Madam,

Thank you very much for delivering on informative and thought provoking lecture as a Guest Speaker on " **Five Days Technical Workshop on Python**" held from 4th September to 8th September 2023 at Department of Computer Engineering ,Sandip Institute of Technology and Research Centre,Nashik.

It was really a splendid presentation which exposed students to field practices.

All students appreciated and got benefited from your views on the subject.

Looking forward for your co-operation for the promotion of professional education in future as well.

Thanking You,
With Regards,

Dr.Ankita V. Karale
HOD
Head
Department of Computer Engineering
Department of Computer Engineering and
Sandip Institute of Technology and
Sandip Institute of Technology and Research Centre, Nashik
Mahiravani. Nashik-422 213