



Sandip Institute of Technology and Research Centre An Autonomous Institute

At & Po – Mahirawani, Trimbak Road, Tal & Dist .– Nashik
Phone: (02594) 222552,53,54, Fax: (02594) 222555
website : www.sandipfoundation.org, e-mail : principal@sitrc.org
Accredited with “A” grade by NAAC With CGPA Score of 3.11



SANDIP
FOUNDATION



Report of “WORKSHOP ON PYTHON FOR MECHANICAL ENGINEER”

- 1. Event Title:** “Workshop on Python for Mechanical Engineer”
- 2. Event Date:** 16th October to 18th October 2023
- 3. Event Conduction Duration:** 18 Hours (6hrs Daily)
- 3. Event Conduction Timing:** 10:30am -04:30 pm
- 4. Event Venue:** Seminar Hall. Mechanical Engineering Department, SITRC
- 5. Event Resource Person Details:** Mrs. Vrushali Kulkarni
- 6. Name of Event Coordinator:** Dr. Yogesh Agrawal
- 7. Event Objectives & Outcomes**

Objectives of Activity:

- (1) To increase the awareness about Python Programming use in the Mechanical Engineering
- (2) To enhance the skill in the field of artificial intelligence like machine learning.
- (3) To use of python in Simulation software

Outcomes of Activity:

- (1) Students understood the basics fundamentals of Python.
- (2) Students were learned about knowledge of understanding the complex coding logics and debug the codes.
- (3) Students were aware about importance and application of python in solving engineering problems.

8. Event Details & Photos

The workshop organized on topic “Python for Mechanical Engineers” for SE, BE and TE Mechanical students from 16th October 18th October 2023. More than 50 students participated in this workshop. Each day having two sessions were conducted in the workshop event. The Mechanical Engineering Department at SITRC organized the event. The program's primary goal was to help students comprehend the use and significance of Python Software in the engineering field. Under the direction of Professor (Dr.) S. G. Ghalme, Head of the Mechanical Department, Dr. Yogesh Agrawal, Associate Professor and Coordinator of workshop event in the Mechanical Engineering Department, oversaw this effort.

This workshop was being useful for enhancement the skill in the field of artificial intelligence like machine learning. Also it covered awareness about Python programming use in the Mechanical engineering. Dr. Sachin G. Ghalme, HOD, Mechanical Engineering Department, SITRC explained the importance of python program for the mechanical engineering students. Resource Person Mrs.Vrushali Kulkarni elaborated about Control Statement and Strings. Also Discussed about Importance of Function and files of python programming language.

Based on the student's professional needs and current market trends, this training program was specifically created. It also took into consideration the most recent Python course content and syllabus. Additionally, the training program aids in their employment in multinational corporations and the achievement of their professional goals.

This training taken at seminar hall at Mechanical Department of SITRC in month of October 2023 from morning 10:30AM to 04:30PM in working day which covers 18 hrs.

The session was concluded by the interactions with students. Students asked no. of question regarding how they can solve difficult problems related actual engineering field by using python software. Altogether it was a healthy interaction and all the difficulties were satisfactorily solved by the Mrs. Vrushali Kulkarni.

Photograph of “WORKSHOP ON PYTHON PROGRAM FOR MECHANICAL ENGINEER”



Photo – Mrs. Vrushali Kulkarni during Python Workshop



Photo – Students during Python Workshop

Dr. Yogesh Agrawal
Coordinator

Dr. S. G. Ghalmé
HOD

Dr. M. M. Patil
Principal

