



SANDIP
UNIVERSITY
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Sandip University, Nashik
School of Computer Sciences and Engineering (SOCSE)

Report of 6 Days Value Added Program on Python Programming and Advanced Artificial Intelligence and Machine Learning.

Category of Event	: Value added Program
Title	: 6 Days Value Added Program on Python Programming and Advanced Artificial Intelligence and Machine Learning.
Schedule	: 12th February 2024 to 24th February 2024 Time: 10.00 AM to 05.00 PM
Venue	: Lab S-124A/B/C and Smart Classroom T102, 'O' Building, SOCSE
Duration	: 40 Hours
Organizing Faculty/ Convener (s)	: Dr. Prajakta Shirke Mr. Sanjeev Shukla
Organizing Department	: Department of Artificial Intelligence and Machine Learning, School of Computer Sciences & Engineering
Faculty Coordinators	: Dr. Prajakta Shirke, Mr. Sanjeev Shukla
Total Number of Participants	: 200
Guest Profile	: Mr. Tushar B. Kute (MITU Skillologies, Pune) Mr. Aditya Thakare (MITU Skillologies, Pune)

- **Objectives:** Sandip University, School of Computer Sciences and Engineering with specialization Artificial Intelligence and Machine Learning had organized 1 Week Value Added Program on Python Programming for 2nd Year students and Advanced Artificial Intelligence and Machine Learning for 3rd Year and Final Year Students. Value added programs are offered to provide need based education in a value based environment and responsive platform for the holistic development of the students and to constructively contribute to social welfare. Also to infuse and ignite young minds with discipline, courage and positive attitudes towards life and provide exposure to students to time-tested human and cultural values of our heritage.
- **About the Activity:** In the 6 days of value added Program 2nd Year students acquired the knowledge about Python Programming, Intermediate Python, Functions, Tuples, Dictionaries, and Data Processing, Modules, Packages, String and List Methods, and Exceptions, The Object-Oriented Approach: Classes, Methods, Objects, and the Standard Objective Features; Exception Handling, and Working with Files. 3rd Year and Final Year students attended value added program regarding Advanced Artificial Intelligence and Machine Learning, where they had studies Applications and Examples of AI, AI issues, concerns and ethical considerations, The future with AI, AI in action, Watson AI services, Sample project on Watson AI, Data Preprocessing Techniques, Train and evaluate clustering Model, Use Automated ML in Azure ML, Sample Project on Machine Learning.
- **Conclusion:** 6 Days value added program successfully completed and students were appreciate with certificates by MITU SKILLOLOGIES and SANDIP UNIVERSITY.
- **Photographs:**

