



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Department of Computer Science

A) A Summary Report of the Activity

1) Title of the Programme:	Certificate Course on "Data Science Using Python"			
2) Name of Organizing Department/Unit:	Department of Computer Science			
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Program:	Coordinator: Dr. Renuka R. Londhe			
4) Date(s) of the Programme:	27 th December 2025 to 22 nd March 2026			
5) Venue	B. Voc. Lab			
6) Target Group:	UG & PG Students			
7) Number of participants:	Male	Female	Total	
A separate list with signatures be maintained in the department/Unit)	Teaching Staff	01	--	01
	Non-Teaching Staff	01	--	01
	Students	16	36	52
8) Name(s) and details of Resource Person(s)/Judges, if any:	Mr. Jagtap Nilkanteshwar, Assistant Professor and Technical Director at COCSIT, Latur, Former Corporate Trainer , Muscat- Oman			
9) Total Expenditure for the Programme:	27,000/-			
10) Source of Funding:	PM - USHA			

B) Report

i. Title: Certificate Course on "Data Science Using Python"

ii. Introduction

The Department of Computer Science organized Certificate Course on "Data Science Using Python" under the PM-USHA Scheme. The course aimed to provide students with practical knowledge and hands-on experience in data analysis, visualization using Python. The course was conducted by the Mr. Jagtap Nilkanteshwar as the Resource Person.

iii. Objectives of the Program:

The Certificate Course on "Data Science Using Python" aims to:

- Develop basic Python programming skills for data analysis.
- Learn to collect, clean, and manipulate data using Python libraries.
- Perform exploratory data analysis and visualize data insights.
- Understand basic statistics and apply them to real datasets.
- Build and evaluate simple machine learning models using Scikit-learn.
- Apply end-to-end data science workflow on real-world problems.

iv. Details of Participants: Total 52 UG and PG students (Male 16 & Female 36) from different classes of the Department of Computer Science.

v. Brief Summary of Event/ Session:


- A notice regarding the Data Science course was circulated on **16th December 2025**, informing students about the registration process and course details.
- Registrations were invited through both **Google Form (online mode)** and **offline submission**, providing flexibility and wider accessibility to interested students.
- The course content was designed to provide foundational and practical knowledge, beginning with an **Introduction to Data Science** to build conceptual understanding.
- Students were taught **Python Programming Basics**, focusing on essential programming concepts required for data science applications.
- The module also included **Data Handling using NumPy and Pandas**, enabling learners to work effectively with datasets and perform data manipulation tasks.
- Additionally, students learned **Data Visualization techniques using Matplotlib and Seaborn**, helping them represent data insights through graphs and charts.
- The teaching methodology followed a balanced approach that included **interactive lectures**, encouraging active participation and conceptual clarity.
- It also incorporated **practical lab sessions**, where students gained hands-on experience in applying Python tools and techniques.
- Furthermore, **assignments and mini-projects** were given to reinforce learning and help students apply theoretical knowledge to real-world scenarios.

vi. Conclusion with feedback on the Programme:

- The Data Science course conducted from 16th to 20th December 2025 was successfully completed and met its objective of introducing students to the basics of data science using Python.
- The course covered key topics such as Python basics, data handling with NumPy and Pandas, and data visualization using Matplotlib and Seaborn, which helped build a strong foundation.
- The combination of lectures, lab sessions, assignments, and mini-projects provided both theoretical understanding and practical exposure.
- Overall, the course proved to be useful in improving students' basic knowledge and practical skills in data science.

vii. Any Appendix if Necessary: List of participants attached

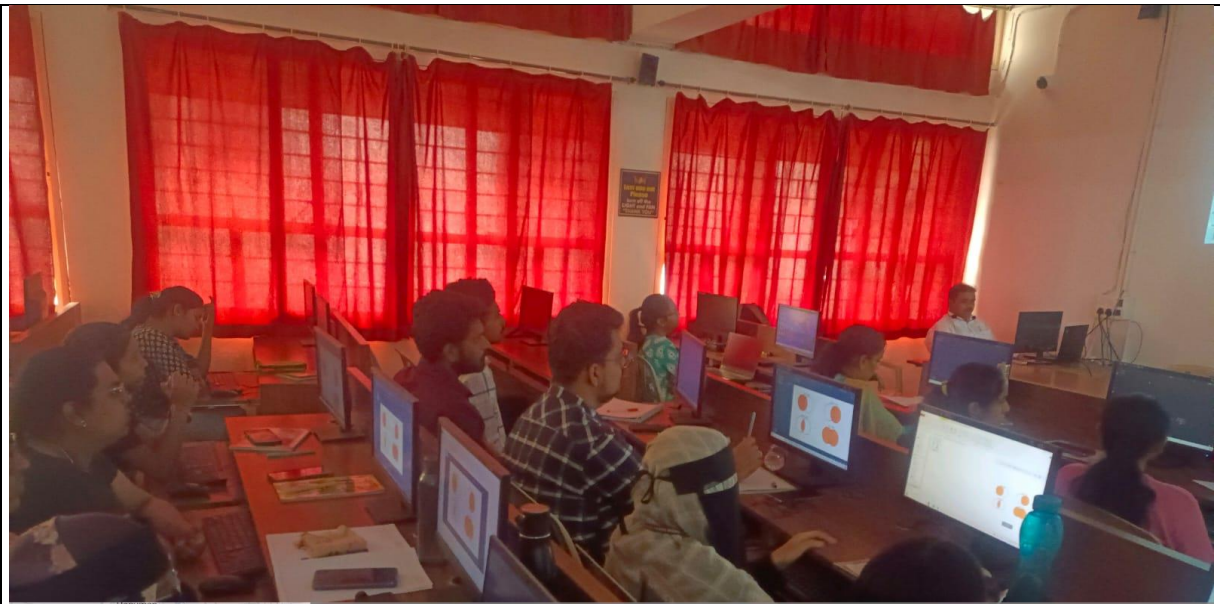
Date: 28.03.2026


HoD
Head
Dept. of Computer Science
Bajirshi Shahu Mahavidyalaya, Latur




Principal
PRINCIPAL
Bajirshi Shahu Mahavidyalaya, Latur
(Autonomous)

C) Photographs:



1, Shahu Clg, Jay Nagar, Sawe Wadi, Latur, Maharashtra 413512, India

Latur
Maharashtra
India



24°C

75°F

2026-02-01(Sun) 09:22(AM)

Students are attending the session



Lecture Session – Resource person explaining concepts.



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Rajarshi Shahu Mahavidyalaya, Latur
(Empowered Autonomous Institute)
Certificate Course On "Data Science Using Python"
Attendance Sheet



Date: 27/12/2025

Sr. No.	Name of the Student	Morning Session	Afternoon Session
1	Shaikh Azam Ahemad	— A A —	— A A —
2	Majre Mayuri Ramesh	Mayuri	Mayuri
3	Shaikh Aiman Fatema Ismail	Aiman	Aiman
4	Surwase Omkar Shesherao	Omkar	Omkar
5	Kulkarni Vedanti Jayshil	vedanti	vedanti
6	Pooja Gopal Bhuse	Pooja	Pooja
7	Disha Devidas Mitkari	Disha	Disha
8	Nilofar Shaikh Ahmed	Nilofar	Nilofar
9	Pooja Kishor Pandge	Pandge	Pandge
10	Komal Rajendra Boyane	Komal	Komal
11	More Sakshi Somnath	Sakshi	Sakshi
12	Sangave Smita madhav	Smita	Smita
13	Sagar Ramdas Kasbe	Sagar	Sagar
14	Rupali Pandit Rathod	Rupali	Rupali
15	Krishna Pravin Jadhav	Krishna	Krishna
16	Shaikh Rajjak Karim	Rajjak	Rajjak
17	Bandgar Gayatri Ganpat	Gayatri	Gayatri
18	Shravani Dnyaneshwar Shendge	Shravani	Shravani
19	Garad minakshi khandu	Minakshi	Minakshi
20	Nikita Dhanraj jogi	Nikita	Nikita
21	Pitale Anjali Nagnath	Anjali	Anjali



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Date: 27/12/20

Sr. No.	Name of the Student	Morning Session	Afternoon Session
22	Zunjare Ankita Subhash	<u>Aunjare</u>	<u>Aunjare</u>
23	Mohini Khandu Mali	<u>Mohini</u>	<u>Mohini</u>
24	Aniket Rajabhau Choure	<u>Aniket</u>	<u>Aniket</u>
25	Vaishnavi Tukaram Panchal	<u>Vaish</u>	<u>Vaish</u>
26	Hipparge Rushikesh	<u>R</u>	<u>R</u>
27	Sayyed Aman Iqbal	<u>S</u>	<u>S</u>
28	Bharati Vaishnavi Ganapati	<u>Vaishnavi</u>	<u>Vaishnavi</u>
29	Reddy Nandini Tukaram	<u>RNandini</u>	<u>Rnandini</u>
30	Priyanka Sanjay Shinde	<u>Pshinde</u>	<u>Pshinde</u>
31	Patil Pruthvi Rajkumar	<u>Pruthvi</u>	<u>Pruthvi</u>
32	Vaishnavi Bhise	<u>Vaishnavi</u>	<u>Vaishnavi</u>
33	Vinay Sontakke	<u>AA</u>	<u>AA</u>
34	Mansi Manoj Birajdar	<u>Mbirajdar</u>	<u>Mbirajdar</u>
35	Tirupati Tukaram Phule	<u>Tphule</u>	<u>Tphule</u>
36	Pranali Dayanand Bodhale	<u>Pranali</u>	<u>Pranali</u>
37	Vivek VijayKumar Kavdale	<u>Vivek</u>	<u>Vivek</u>
38	Shradha ramdas mahanure	<u>Shradha</u>	<u>Shradha</u>
39	Phule Ganesh Shivaji	<u>GPhule</u>	<u>GPhule</u>
40	Mansi Baddar	<u>Mbirajdar</u>	<u>Mbirajdar</u>
41	Aqsa Khalil Shaikh	<u>Aqsa</u>	<u>Aqsa</u>
42	Bhosale Divya Satish	<u>Divya</u>	<u>Divya</u>



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6	Pooja Gopal Bhuse	Pooja	Pooja
7	Disha Devidas Mitkari	Disha	Disha
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