

PADMASHRI DR. V.B. KOLTE COLLEGE OF ENGINEERING, MALKAPUR, DIST-BULDANA (M.S) - 443101

(NAAC Accredited, Approved by AICTE-New Delhi, Government of Maharashtra, DTE, MSBTE, Mumbai and Affiliated to Sant Gadge Baba Amravati University)

 $Website - \underline{www.coemalkapur.ac.in} \quad Email: - \underline{coemalkapur@rediffmail.com}$

Summary Report

National Level One Week Faculty Development Program

On

"Python for Data Science"

In association with

"ISTE-New Delhi, Institution of Engineers (India) (IEI) Aurangabad Local Center

Department of Computer Science and Engineering of Padm. Dr. V. B. Kolte College of Engineering, Malkapur (VBKCOE) conducted **National Level One Week Faculty Development Programme on "Python for Data Science"** from 27th to 31st May 2022. We conducted this FDP programme which enriches the knowledge of faculties, research scholar, PG and UG students.

The number of faculties, research scholar, and PG students were participated for this FDP from various disciplines, and states from India.

Programme Department of Computer Science and Engineering

Title of course FDP On "Python for Data Science"

Scheduled Date 27th to 31st May 2022

Programme Convener Prof. S. L. Farpat

Prof. M. V. Shastri

Programme coordinator Prof. B. B. Thakare

Prof. Y. B. Jadhao

Organizing Committee Prof. G. V. Patil

Prof. B. B. Thakare

Principal Dr. A. W. Kharche

Padm. Dr. V. B. Kolte College of Engineering

Malkapur Dist-Buldhana (Maharashtra)

Objectives of FDP:

- To introduce participants to the basic concepts and techniques of Python.
- To develop skills of using recent technologies for solving practical problems.
- To gain experience of doing independent study and research.



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The FDP helps create awareness and deeper understanding of recent technology such as Python, Data science among the faculties and researchers working in various disciplines of engineering and sciences. It also helps the participants to understand and apply these technologies through several case studies and real-life examples. It provide opportunities to faculty members, research scholars and post graduate students to enhance their knowledge in research.

Resource Persons:

- Prof. Dhananjay Joshi, Asst. Professor CSE Department, SVKM's NMIMS MPSTME Shirpur.
- Dr. A. B. Gadicha, HOD, CSE, P.R.Pote Patil College of Engineering and Management, Amravati.
- Mr. Vijay Tathe, Project Head & CEO, Microspectra Software Technologies Pvt. Ltd.
- Prof. Mayuri Kulkarni, Assistant Professor, SVKM's Institute of Technology, Dhule
- Prof. Ashish Awate, Assistant Professor, SVKM's Institute of Technology, Dhule

Inauguration:

Prof. G. V. Patil, Asst. Professor, Computer Science and Engineering Department welcome to all participants, explaining objectives of FDP and given brief introduction of speaker about their professional experience. Dr. Y. A. Kharche, Dean Administration, shared views regarding this FDP and congratulated to organizing team.





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1st Day (27/05/2022)

Session I	Prof. Dhananjay Joshi, Assistant Professor, Department of	
	Computer Science and Engineering, SVKM's NMIMS	
	MPSTME Shirpur	
Session II	Prof. Dhananjay Joshi, Assistant Professor, Department of	Basics of Python
	Computer Science and Engineering, SVKM's NMIMS	
	MPSTME Shirpur	

2nd Day (28/05/2022)

Session I	Prof. Dhananjay Joshi, Assistant Professor, Department of Computer Science and Engineering, SVKM's NMIMS MPSTME Shirpur	Python for Data Visualization
Session II	Dr. Ajay B. Gadicha, Head of Department, Computer	
	Science & Engineering	Python for Data
	P.R.Pote Patil College of Engineering and Management,	Visualization
	Amravati	

3rd Day (29/05/2022)

Session I	Mr. Vijay Tathe, Project Head, Microspectra Software Technologies Pvt. Ltd.	Python for Data
Session II	Mr. Vijay Tathe, Project Head, Microspectra Software Technologies Pvt. Ltd.	Analytics

4th Day (30/05/2022)

Session I	Prof. Ms. Mayuri Kulkarni, Assistant Professor, SVKM's Institute of Technology, Dhule	Python libraries in data science
Session II	Prof. Ashish Suresh Awate, Assistant Professor, SVKM's Institute of Technology, Dhule	Statistics in Data Science using Python

5th Day (31/05/2022)

Session I	Prof. Ashish Suresh Awate, Assistant Professor,	Statistics in Data
	SVKM's Institute of Technology, Dhule	Science using Python

Number of participants Registered: 356

Outcomes of FDP:

• Participants familiar with new technology like Python, Data Science

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LSSBM's

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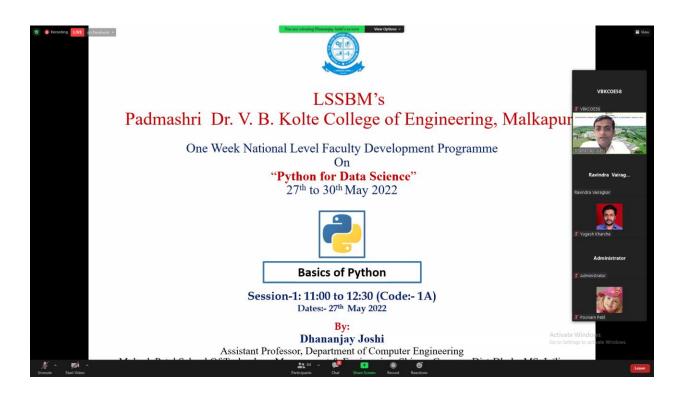
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- Researchers get more clear idea about innovation.
- Research scholars and post graduate student's knowledge is upgraded with new area for research and development.
- Enhancement in academic excellence

Valedictory:

Prof. G. V. Patil, Asst. Professor, Compute Science and Engineering Department, delivered vote of thanks to all participants, Resource Persons for sharing their professional experience, Knowledge and skills. The vote of thanks also delivered towards Management and Principal Dr. A. W. Kharche sir, our associated bodies-ISTE, IEI, organizing team members who directly/indirectly involving program activities for successful completion of FDP Programme.

Glimpses of FDP

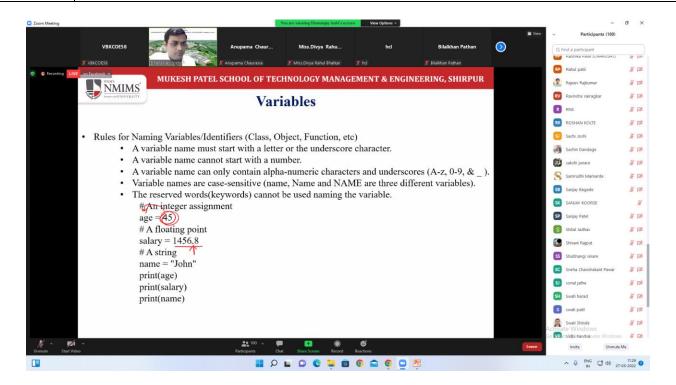


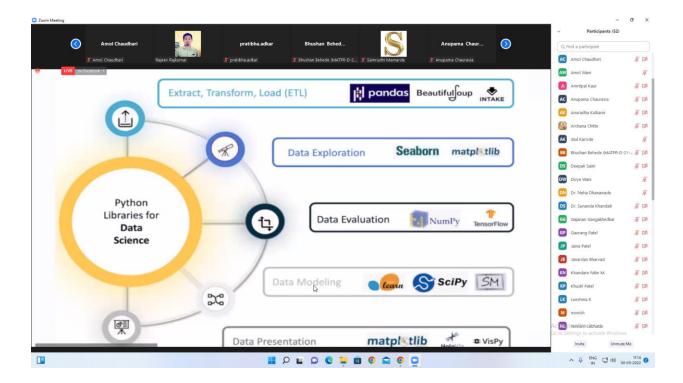


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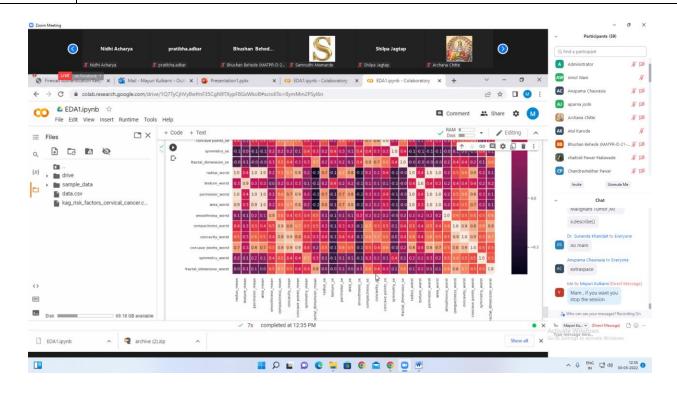
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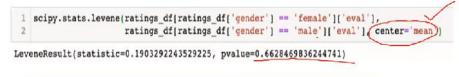
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Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

Levene's Test using Python



P-value > 0.05 We can't reject Null Hypothesis Conclusion : Variance Does not differ

