



Bapuji Educational Association ®
Bapuji Institute of Engineering and Technology
Department of Information Science and Engineering
Department of Computer Science and Business Systems



A Hands-On Workshop on
Python for Machine Learning/Data Analysis
In Association with Tata Consultancy Services (TCS)

BAPUJI EDUCATIONAL ASSOCIATION (R)
BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & BUSINESS SYSTEMS
DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

tcs TATA CONSULTANCY SERVICES

INSTITUTION'S INNOVATION COUNCIL
Member of ISTE, Bangalore

A Hands-On Workshop On

Python for Machine Learning/Data Analytics
In Association with TCS

8th & 9th NOVEMBER 2024
Inauguration Time: 9:30 am at
S. S. Balekundri (IS&E) Seminar Hall

Praveen Chandran V
Regional Head - Academic Alliances
Karnataka

Chetan Adhikary Y
Data Analyst

Mr. Praveen Kumar J
Systems Engineer

Dr. Aravind H B
Principal

Prof. Y Vrushabhendrappa
Director

Dr Poornima B
HOD, IS&E

Dr. Vinutha H P
HOD, CSBS



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The Department of Computer Science & Business Systems, in collaboration with the Department of Information Science & Engineering at Bapuji Institute of Engineering and Technology, organized a two-day hands-on workshop titled “**Python for Machine Learning/Data Analytics**” on 8th and 9th November 2024. The event was conducted in association with Tata Consultancy Services (TCS) and aimed to equip participants with foundational skills in Python, focusing on applications in data analytics and machine learning.

Day 1: Inauguration Ceremony (10:00 AM - 11:00 AM)

The workshop commenced with an inauguration ceremony held in the **S.G. Balekundri Seminar Hall** within the Department of Information Science and Engineering Block. We were honored to welcome distinguished guests, including:

- **Praveen Chandran V**, Regional Head - Academic Alliances, Karnataka, TCS
- **Chetan Adhikary Y**, Data Analyst
- **Mr. Praveen Kumar J**, Systems Engineer

Dr Poornima B, HOD Department of Information Science and Engineering along with Dr. Vinutha H P, HOD Department of Computer Science and Business Systems formally inaugurated the workshop, setting the stage for an enriching experience for all participants.

Day 1: Workshop Sessions (11:00 AM - 5:00 PM)

The technical sessions for the day were conducted in two parallel tracks:

1. **Department of Computer Science and Business Systems Lab:** Session led by **Mr. Chetan Adhikary Y**.
2. **Project Labs in the Department of Information Science and Engineering Block:** Session led by **Mr. Praveen Kumar J**.

The focus of the day was on introducing participants to Python basics, covering **Data Types, Strings, String Functions**, and **Hands-on Problem-Solving Exercises**. Participants gained practical knowledge and hands-on experience, which laid a strong foundation in Python.

Day 2: Workshop Sessions (9:00 AM - 1:30 PM)

The second day continued with advanced topics:



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- **9:00 AM - 1:00 PM:** Participants were introduced to essential data manipulation libraries, **Numpy** and **Pandas**, through an engaging hands-on session. This allowed attendees to explore data analysis techniques vital for real-world applications.
- **1:00 PM - 1:30 PM:** **Mr. Praveen Chandran V** delivered a concluding session focused on **Interview Preparation Tips**, providing valuable insights and guidance for aspiring data analysts and engineers.

Conclusion

The two-day workshop proved to be a valuable learning experience, equipping participants with key skills in Python and data analytics. The sessions were interactive and provided participants with both theoretical knowledge and practical experience. The event concluded successfully, with positive feedback from attendees who expressed appreciation for the knowledge shared and the engaging teaching approach.



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Event Inauguration



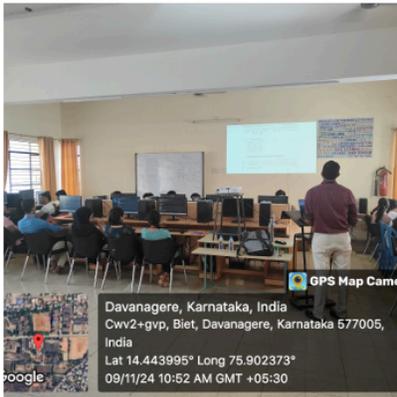


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Workshop





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Workshop Feedback

Total Feedbacks
70

Expectations
★★★★★
Average: 4.6/5

Effectiveness
★★★★★
Average: 4.7/5

Clarity
★★★★★
Average: 4.7/5

Confidence
★★★★★
Average: 4.5/5

Resources
★★★★★
Average: 4.7/5

Expertise
★★★★★
Average: 4.7/5

Satisfaction
★★★★★
Average: 4.6/5

Average Ratings Radar

