

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

Deemed to be University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ GRADE

Workshop Report

Event Report: 2-Day Workshop on "Use of Python in Data Analytics Industry"

Date: 06 and 07 April 2024

Venue: SH-6

Organizers: Department Alumni Cell and IEI student Chapter

No. of Participants: 38

Resource Persons:

1. Mr. Prashant Singh Tomar, Software Engineer, Lumenore Alumni, Batch 2022
2. Mr. Saurabh Rathore, Assistant System Engineer, TCS Alumni, Batch 2021
3. Mr. Bipul Kumar Singh, Experienced Python Developer
4. Mr. Priyanjay Singh Parihar, Software Engineer, Lumenore

Introduction:

The inauguration of the College IEI (Institution of Engineers, India) Chapter coupled with a two-day workshop on the "Use of Python in Data Analytics Industry" was held successfully in Department of Electronics Engineering. The event aimed to foster academic and professional growth among students by providing insights into the world of data analytics and its application using Python programming language.

Day 1: Inauguration of College IEI Chapter

The event commenced with the formal inauguration ceremony of the College IEI Chapter. Distinguished guests including faculty members, alumni, and representatives from the IEI graced the occasion. The chief guest delivered an inspiring speech highlighting the significance of engineering societies like IEI in shaping the future of budding engineers. The chapter was officially inaugurated with the lighting of the lamp ceremony.

Following the inauguration, there were keynote addresses and panel discussions focusing on the role of IEI in promoting engineering excellence, fostering innovation, and facilitating industry-academia collaboration. The discussions provided valuable insights into the current trends and challenges in the engineering domain.

The inauguration ceremony concluded with a vote of thanks extended to all the dignitaries, participants, and organizing committee members for their contributions and support.

Day 2: Workshop on "Use of Python in Data Analytics Industry"

The second day of the event featured a comprehensive workshop on the "Use of Python in Data Analytics Industry." The workshop was conducted by esteemed alumni who are professionals in the field of data analytics. The sessions were designed to provide participants with hands-on experience and practical knowledge about Python programming and its applications in data analysis.

The workshop covered various topics including:

- Introduction to Python programming language
- Basics of data analysis and manipulation using Python libraries such as NumPy, Pandas, and Matplotlib
- Data visualization techniques
- Case studies and real-world examples demonstrating the use of Python in data analytics projects

Participants actively engaged in coding exercises and interactive discussions throughout the workshop. The alumni mentors provided valuable guidance and shared industry best practices to help students gain a deeper understanding of the subject matter.

Conclusion:

The inauguration of the College IEI Chapter and the two-day workshop on the "Use of Python in Data Analytics Industry" proved to be highly informative and enriching for all participants. The event not only provided a platform for students to enhance their technical skills but also facilitated networking opportunities with industry experts and alumni.

The success of the event underscores the commitment of [Name of the College/University] towards promoting academic excellence and fostering industry-relevant learning experiences for its students. It is hoped that such initiatives will continue to inspire and empower the future engineers to excel in their chosen fields and contribute meaningfully to society.

Acknowledgments:

- The organizing committee for their meticulous planning and execution of the event.
- The dignitaries and alumni for their invaluable contributions and insights.
- All participants and attendees for their active participation and enthusiasm.

Snapshots of Program:





(Dr. Vikas Mahor)
Coordinator,
Alumni Cell,

Department of Electronics Engineering

(Dr. Rahul Dubey)
Coordinator,
IEI Student Chapter