

Python in Practice:A One-day hands on Workshop

The department of **Information science and Engineering** organised a **Workshop** titled **Python in Practice:A One-day hands on workshop** on **27-09-2025** at **10:00am**, in **Seminar hall 4**.

The event featured an informative session led by a guest speaker who introduced the participants to the fundamentals and practical applications of Python. The session was followed by a quiz. The session witnessed enthusiastic participation from students who actively engaged in hands-on activities and showcased their analytical skills with great energy. Their participation made the session highly interactive and dynamic. In general, the program was informative and enjoyable, offering students a valuable learning experience. It significantly boosted their confidence and provided meaningful exposure to data visualisation tools, preparing them for future internships and job interviews in data-driven roles

Objectives of the Event

The primary objectives of the event were:

- To introduce basic Python Syntax and Programming concepts
- To develop problem-solving skills using code
- To build confidence in writing and debugging Python programs

Event Overview

The session commenced at 10:00 am with a welcome address by Vasudev K and Saritha V., followed by an engaging session by **Mr. Ponraj E., Senior Systems Engineer, DevOps**. The presentation covered key areas such as Python Programming and its role in solving real-world problems, providing deep insights into the subject matter. Participants showed keen interest, with active participation during interactive segments and Q&A rounds. The event was attended by 130 participants.

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Figure 1: Welcoming Guest



(a) Tech Talk



(b) Knowledge boost

Figure 2: Enthusiastic participation from students

Day	Time	Session Details
Saturday, September 27 2025	10 - 10.15 am	Welcome Address
	10.15 am - 10.30 am	Introduction to the Chief Guest
	10.30 am - 12.30 pm	Technical talk
	1.30pm - 3.30 pm	Hands on Training Session, Quiz

Table 1: Schedule of the Event

Outcomes and Impact

- Students gained hands-on experience with Python, enhancing their coding skills.
- Participants developed a better understanding of real-world applications of Python.
- Exposure to industry-relevant practices bridged the gap between academic learning and professional expectations.

Conclusions

The Python workshop successfully equipped students with foundational programming skills and practical knowledge to solve real-world problems. It fosters confidence in coding and encourages further exploration into advanced areas such as data science and automation.

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