About SENSE

SENSE at VIT was established for imparting state-of-the-art knowledge in Electronics and Communication Engineering and allied areas. The school has set up laboratories with excellent infrastructure in the areas of Electronics, Communication, VLSI, Embedded, Sensors and Nanotechnology. Faculty are actively involved in R&D activities and are working on research projects funded by government organisations like DRDO, ISRO (RESPOND), BRNS and agencies like DST.

About the event

Join us for a value-added course on Python for Data Analysis and Visualization, designed to equip participants with both foundational programming skills and practical data-driven techniques. The course covers problem-solving approaches, Python programming fundamentals, control structures, collections, strings, regular expressions, functions, and file handling (.txt, .csv). Participants will also gain an overview of powerful libraries such as NumPy, Pandas, and Matplotlib, and learn to implement basic machine learning algorithms for real-world applications. This hands-on program is ideal for students, researchers, and professionals aiming to build strong analytical and visualization capabilities using Python.

Resource Persons from

- VySystems, Chennai
- Edutecnicia, India.
- Bayestech Pvt. Ltd., India.
- Vellore Institute of Technology, Vellore

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Eligibility: The workshop is open to Research Scholars and UG/PG students.

Registration Amount: Rs. 590/- (Inclusive GST)
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Value-added Course on Python for Data Analysis and Visualization (VAC2006)

8th Sep, 2025 to 31st Oct, 2025 (30 hours)

Organized by

Department of Sensor and Biomedical Technology
&
Department of Communication Engineering

School of Electronics Engineering, Vellore Institute of Technology, Vellore, India-632014