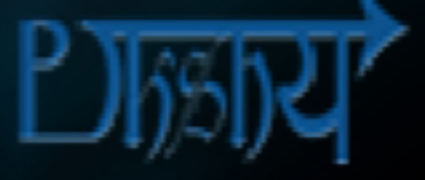


STUDENT DEVELOPMENT PROGRAM ON PYTHON FOR DATA-DRIVEN SOLUTIONS: VISUALIZATION & WEB DEVELOPMENT IN ASSOCIATION WITH SAND LOGIC TECHNOLOGIES AND IEEE STUDENT BRANCH

24th March to 28th March 2025 | 09:00 am to 04:00 pm

CSE/IS block, Acharya Campus



About the Program

This program is designed to provide participants with in-depth knowledge and hands-on experience in Python for Data-Driven Solutions, focusing on Data Visualization and Web Development using Django. Participants will gain practical skills in analyzing and visualizing data using Matplotlib, Seaborn, and Plotly, as well as developing interactive web applications with Django. Through a combination of theoretical insights and hands-on projects

Objectives of the Program

- Introduce students to Python programming fundamentals, including data types, control structures, functions, and object-oriented programming.
- Teach students how to work with libraries like Pandas and NumPy to manipulate, clean, and analyse data efficiently.
- Enable students to create insightful visual representations using Matplotlib, Seaborn, and Plotly to analyse trends and patterns.
- Provide hands-on experience in building dynamic web applications using the Django framework, covering models, views, templates, and REST APIs.

Expected Outcomes

- Students will gain a solid understanding of Python syntax, data structures, and object-oriented programming concepts.
- Students will create insightful charts and graphs using Matplotlib, Seaborn, and Plotly, improving their ability to present and interpret data effectively.
- Learners will develop dynamic web applications using Django or Flask, implementing models, views, and templates.

Important Dates

Event Details	Dates
Important Dates	24 th - 28 th Mar 2025
Time	09:00 AM to 04:00 PM
Target Audience	2 nd year CSE students
Type of program	SDP
Venue	CSE/IS block

Committee Members

ADVISORY COMMITTEE

- Dr. C. K. Marigowda, Principal, AIT
- Dr. Rajeswari, Dean Academics, AIT

CONVENER

- Prof. Rajeev Bilagi, HOD, CSE, AIT

COORDINATOR

- Prof. Prasanth Kumar S P, AP, CSE, AIT
- Prof. Jawahar Jonathan K, AP, CSE, AIT

Resource Persons Details



Mr. Krishna Mouli

Designation : Sr. Data Scientist Infobell IT Solution Bengaluru



Dr. Pranitha Niraj Palsapure

Designation : Assistant Professor
Department of ECE Acharya Institute of Technology



Mr. Siddesh M B

Designation : Sr. Software Engineer Quest Global Engineering Services Bengaluru



Dr. Sujatha B M

Designation : Professor Department of CS&E Acharya Institute of Technology



Prof. Sneha N P

Designation : Assistant Professor
Department of CS&E Acharya Institute of Technology



Prof. Bharathi K

Designation : Assistant Professor
Department of CS&E Acharya Institute of Technology



Prof. Gowtham Raj

Designation : Assistant Professor
Department of CS&E Acharya Institute of Technology



Prof. Soniya R

Designation : Assistant Professor
Department of CS&E Acharya Institute of Technology



Acharya Institute of Technology

Acharya Dr. S. Radhakrishnan Road, Acharya P.O
Soladevanahalli, Bangalore - 560107, Karnataka, India.

LOCATE US

Event Coordinator

Prof. Prasanth Kumar S P

Assistant Professor

Dept of Computer Science and Engineering