



Value-Added Program on Python Fundamentals and Beyond: A Complete Hands-On Journey

13th to 17th October, 2025 | 08:45 AM to 04:30 PM

CSE 2nd floor classrooms and Civil seminar hall, Acharya Campus



About the Program

The Value-added Program on “Python Fundamentals and Beyond: A Complete Hands-On Journey” is designed to provide 3rd semester CSE students with a strong foundation in Python programming through an interactive, practical approach. The program emphasizes problem-solving skills and hands-on experience, enabling students to write efficient and structured code for real-world applications. Covering essential topics such as data types, control structures, functions, file handling, and an introduction to advanced concepts like libraries and modular programming, the sessions aim to bridge the gap between theoretical learning and practical implementation. By the end of the program, students gain the confidence to apply Python in diverse domains such as automation, data processing, and software development.

Objectives of the Program

- Introduce students to the core concepts of Python programming, focusing on syntax, data types, and control structures.
- To develop problem-solving and logical thinking skills through hands-on coding exercises and mini-projects.
- To expose students to advanced Python applications beyond basics, including modules, file handling, and real-world problem scenarios.

Expected Outcomes of the Program










- Students will be able to write, debug, and execute Python programs using fundamental concepts effectively.
- Students will gain practical skills in applying Python for solving computational problems and implementing small-scale applications.
- Students will demonstrate readiness to explore advanced domains such as data analysis, AI/ML, or automation using Python as a foundation.

Target Audience: 3rd Sem CSE Students

Committee Members

ADVISORY COMMITTEE	+
<ul style="list-style-type: none">• Dr. C K. Marigowda, Principal, AIT, Bangalore• Dr. Rajeswari, Dean Academics, Bangalore	
CONVENER	+
<ul style="list-style-type: none">• Dr. Kala Venugopal, HOD, CSE, AIT	
COORDINATORS	+
<ul style="list-style-type: none">• Dr. Sujatha BM, Prof, Dept. of CSE, AIT• Prof. Deeksha Satish, Asst. Prof, Dept. of CSE, AIT• Prof. Srikanth SP, Asst. Professor, Dept. of CSE, AIT• Prof. Shruthika C Rampur, Asst. Professor, Dept. of CSE, AIT• Prof. Anita Antony, Asst. Professor, Dept. of CSE, AIT	

Resource Persons Details

	Mrs. Manasa Mithra P Designation: Member of Technical staff, VMware, Bangalore		Ms. Gurvinderpal Kaur Designation: Member of Technical staff, VMware, Bangalore
	Dr. Sandeep Kumar K Designation: Sr Lead, Techvarsity, Tata Technologies Pvt LTD, Bangalore.		Dr. Manjunatha R C Designation: Professor and Asst. COE, Global Academy of Technology, Bangalore.
	Dr. Pranita Niraj Palsapure Designation: Assistant Professor, Dept. of ECE AIT, Bangalore		Prof. Mary Dsouza Designation: Assistant Professor, Dept. of ISE AIT, Bangalore
	Prof. Geethalakshmi N M Designation: Assistant Professor, Dept. of ISE AIT, Bangalore		Dr. Sheela. S Designation: Assistant Professor, School of Computer Science and Engineering, RV University, Bangalore.
	Prof. Ranjan. G Designation: Assistant Professor, Dept. of CSE AIT, Bangalore		



Acharya Institute of Technology

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

LOCATE US

Event Coordinator

Dr. Sujatha BM
Prof, Dept. of CSE
AIT.