



Date: 01.06.2025

**CIRCULAR**

This is to inform all faculty members that, as part of Avanthi's St. Theresa Institute of Engineering & Technology's initiative to provide continuous professional development, a **One-Week Faculty Development Programme (FDP)** on **"Artificial Intelligence & Machine Learning with Python"** is scheduled to be conducted from **11th June 2025 to 17th June 2025**.

All faculty members are encouraged to avail themselves of this opportunity and participate in the programme **without fail**.

**Resource person:** Mr. Dinesh, HMIES Solutions Private Limited, Visakhapatnam

**Date and Duration:**

From 11.06.2025 to 17.06.2025

Daily Timings: 1:00 PM- 4:30 PM

**Objectives of the FDP:**

- To provide foundational and advanced knowledge in Python.
- To provide foundational and advanced knowledge in AI and ML.
- To introduce hands-on experience with Python for machine learning applications.
- To enhance faculty skills for teaching and research in AI/ML.

**Venue:** CI Computer Lab

*Jonny* 12/06/25  
**PRINCIPAL**

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Avanthi's Saint Theresa Institute of  
Engineering & Technology  
GARIVIDI (Cheepurupalli)  
Vizianagaram Dist - A.P.

Submitted to: Hon'ble Management for Favor of information

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**Date: 11.06.2025**

### Day Wise Schedule

**Name of the Program:** A One Week Faculty Development Program on “Artificial Intelligence & Machine Learning with Python”

**Duration:** 11.06.2025 to 17.1062025.

#### **Participants:**

*Number of participants:* 35 faculty members

*Departments represented:* All Departments

*Level:* Faculty from UG, PG, and Diploma programs

#### **Programme Schedule:**

Date	Session Topic	Resource Person	Timings
11.06.2025	Introduction about python and Machine learning	Mr. Dinesh	1:00 PM – 4:30 PM
12.06.2025	Introduction about python, Types of Application, Types of functions with Examples	Mr. Dinesh	1:00 PM – 4:30 PM
13.06.2025	Modules, files, file handling functions, Exception Handling with Examples	Mr. Dinesh	1:00 PM – 4:30 PM
14.06.2025	Introduction about Data Analytics, python collections, python libraries, (numpy, pandas, scipy, plotly, plotly), sqlite3	Mr. Dinesh	1:00 PM – 4:30 PM
15.06.2025	matplotlib, scikit with Examples	Mr. Dinesh	1:00 PM – 4:30 PM
16.06.2025	Data visualization with examples	Mr. Dinesh	1:00 PM – 4:30 PM
17.06.2025	Introduction about Machine Learning, types of models, machine learning process, classification & regression with examples	Mr. Dinesh	1:00 PM – 4:30 PM

#### **9. Highlights and Outcomes:**

- Hands-on training on Python libraries like NumPy, Pandas, scikit-learn.
- Real-time AI/ML project discussion.
- Positive feedback from participants regarding content and delivery.
- Enhanced readiness for integrating AI/ML concepts into curriculum.

**Feedback Summary:**

- 90% found the sessions highly relevant
- Appreciated interactive and practical approach

**Coordinator****Principal**



# AVANTHI'S St.THERESSA INSTITUTE OF Engineering & Technology

(Approved by AICTE, Recognised by the Govt. of A.P., & Affiliated to JNTU-GV, Vizianagaram)  
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## AVANTHI'S St.THERESSA INSTITUTE OF ENGINEERING & TECHNOLOGY



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**MUTTAMSETTI  
SRINIVASA RAO**  
Chairman

**Title of the Programme:** One Week Faculty Development Programme on "Artificial Intelligence & Machine Learning with Python"

**Organizing Institution:** AVANTHI'S St. Theresa Institute of Engineering and Technology

**Date and Time:** 11.06.2025: 1:00 PM- 4:30 PM

**Resource Person:** Mr.H. Dinesh, HMIES Solutions Private Limited, Visakhapatnam

**Topic Covered:** Core Python Libraries ~~numpy~~ numpy, scipy, matplotlib, Pandas



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**Title of the Programme:** One Week Faculty Development Programme on "Artificial Intelligence & Machine Learning with Python"

**Organizing Institution:** AVANTHI'S St. Theresa Institute of Engineering and Technology

**Date and Time:** From 14.06.2025: 1:00 PM- 4:30 PM

**Resource Person:** Mr.H. Dinesh, HMIES Solutions Private Limited, Visakhapatnam

**Topic Covered:** Matplotlib, Dash and Pandas



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