

ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule

FDP Thrust Area: Advanced Computing (AI)

FDP Title: Advanced Techniques in AI and Machine Learning

From 06-01-2025 to 11-01-2025

Day 1 (06/01/2025)	Day 2 (07/01/2025)	Day 3 (08/01/2025)	Day 4 (09/01/2025)	Day 5 (10/01/2025)	Day 6 (11/01/2025)
6:00PM to 6:30PM Inaugural Session	6:00PM to 7:30PM Session 3 Topic: Artificial Neural Networks and Deep Learning Name of the Expert: Dr. Shailesh Sivan	6:00PM to 7:30PM Session 5 Topic: Recurrent Neural Networks Family Name of the Expert: Dr. Jeena Kleenankandy	6:00PM to 7:30PM Session 7 Topic: Transformer Models Name of the Expert: Mr. Manu Madhavan IIT, Kottayam	6:00PM to 7:30PM Session 9 Topic: Generative Adversarial Networks (GANs) Name of the Expert: Dr. Bindu Krishnan	2:00PM to 3:30PM Session 11 Topic: Large Language Models Name of the Expert: Mr. Sivahari Nankumar
6:30PM to 8:00PM Session 1 Topic: Artificial Intelligence - An Industry perspective Name of the Expert: Mr. Joy Sebastian	7:30PM to 9:00PM Session 4 Topic: Image Analysis using Deep Learning Name of the Expert: Dr. Shailesh Sivan	7:30PM to 9:00PM Session 6 Topic: Deep Learning for NLP Name of the Expert: Dr. Jeena Kleenankandy	7:30PM to 9:00PM Session 8 Topic: Transformer Models Name of the Expert: Mr. Manu Madhavan IIT, Kottayam	7:30PM to 9:00PM Session 10 Topic: GANs and Attention Mechanism Name of the Expert: Dr. Bindu Krishnan	3:30PM to 5:00PM Session 12 Topic: RAG Systems, How to Build a RAG system Name of the Expert: Mr. Sivahari Nankumar
8:00PM to 9:30PM Session 2 Topic: Machine Learning Concepts and Applications Name of the Expert: Dr. Shailesh Sivan	No Charge for Registration, Course and Certification				5:00PM to 7:30PM Session 13 Topic: LLM fine tuning Name of the Expert: Dr. Ditty Mathew
					6:30PM to 7:30PM Online test & feedback
					7:30PM to 8:00PM Valedictory Session