ATAL Online 6 Day Faculty Development Programmes 2025-26 Schedule

FDP Thrust Area: Advanced Computing (Supercomputing,AI and Data Science)
FDP Title: Redefining Innovation: AI & ML for Industry 5.0
Start Date:01/09/2025End Date:06/09/2025

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
6:00PM to 6:30PM **Inaugural Session**	6:00PM to 7:30PM **Session 3** Topic: Deep Learning & Neural Networks Name of the Expert: Dr. Jeeva S Designation & Organization: Associate Professor, Dayananda Sagar University Years of Exp:17	6:00PM to 7:30PM **Session 5** Topic: Human-Centric AI for Collaborative Robots (Cobots) Name of the Expert: Dr.Priyan M K Designation & Organization:Assistant Professor, University of north Texas Years of Exp:14	6:00PM to 7:30PM **Session 7** Topic: AI in Smart Supply Chain and Logistics Name of the Expert: Dr.P.Indra Designation & Organization:Associate Professor Government College of Engineering, Tanjore Years of Exp:25	6:00PM to 7:30PM **Session 9** Topic: Tutorial workshop on LLM Name of the Expert: Sanjeev Kumar Designation & Organization: LeadAI Engineer, Braodcom USA Years of Exp:18	2:00PM to 3:30PM **Session 11** Topic:AI for ADAS Name of the Expert: Dr.Vimalathithan Designation & Organization:Director,Kristec Coimbatore Years of Exp:20
6:30PM to 8:00PM **Session 1** Topic: Introduction to Industry 5.0 Name of the Expert: Dr.S.Prabu Designation & Organization: Professor and Certified Blockchain Associate Pondicherry University Years of Exp: 22	7:30PM to 9:00PM **Session 4** Topic: Tools & Platforms for AI/ML Development Name of the Expert: Manibharathi D Designation & Organization: Assistant Professor, Government College of Engineering, Salem Years of Exp:14	7:30PM to 9:00PM **Session 6** Topic: Predictive Maintenance using ML in Smart Manufacturing Name of the Expert: Dr.Priyan M K Designation & Organization:Assistant Professor, University of north Texas Years of Exp:14	7:30PM to 9:00PM **Session 8** Topic: Healthcare 5.0: AI & ML in Personalized and Predictive Medicine Name of the Expert: Mrs.Karthiga Vadivel Organization: Senior Machine Learning Engineer, Intelliswift,Pittsburg, USA Years of Exp:12	7:30PM to 9:00PM **Session 10** Topic: Tutorial workshop on Agentic AI Name of the Expert: Sanjeev Kumar Designation & Organization: LeadAI Engineer, Braodcom USA Years of Exp:18	3:30PM to 5:00PM **Session 12** Topic: AI for autonomous cars Name of the Expert: Dr.Vimalathithan Designation & Organization:Director,Kristec Coimbatore Years of Exp:20
8:00PM to 9:30PM **Session 2** Topic: Fundamentals of AI & ML Name of the Expert: Dr.S.Prabu Designation & Organization: Professor and Certified Blockchain Associate Pondicherry University Years of Exp: 22					5:00PM to 7:30PM **Session 13** Topic: Explainable AI and Ethical Considerations Name of the Expert: Gokulnathan P Designation & Organization: Founder, Nithra Apps Pvt ltd Years of Exp:26
					6:30PM to 7:30PM **Online test & feedback**
					7:30PM to 8:00PM **Valedictory Session**