

ATAL Online 6 Day Faculty Development Program 2024-25 Schedule

FDP Thrust Area: Advanced Computing (Supercomputing, AI, Quantum Computing)

FDP Title: Innovative Applications and Ethical Considerations of Artificial Intelligence in Modern Research

Start Date: 25 Nov 2024

End Date:30 Nov 2024

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
<p>6:00PM to 6:30PM</p> <p>Inaugural Session</p>	<p>6:00PM to 7:30PM</p> <p>Session 3</p> <p>Ethics of AI: Bias, Privacy and accountability</p> <p>Arun Singhal Leadership, Paytm payment banks (Experience- 17+ years)</p>	<p>6:00PM to 7:30PM</p> <p>Session 5</p> <p>Case studies of AI in Healthcare</p> <p>Prof. MPS Bhatia Professor NSUT Delhi (Experience- 25+ years)</p>	<p>6:00PM to 7:30PM</p> <p>Session 7</p> <p>Agility and AI</p> <p>Veenit Kumar Kansal Business Excellence Expert/ agile coach TCS (Experience- 20+ years)</p>	<p>6:00PM to 7:30PM</p> <p>Session 9</p> <p>Data storage with cyber-Resilience</p> <p>Sunil Kumar Mishra Sr. presales Solution Engineer, NetApp India (Experience- 16+years)</p>	<p>2:00PM to 3:30PM</p> <p>Session 11</p> <p>Fog Device Deployment for Maximal Network Connectivity and Edge Coverage using JAYA Algorithm</p> <p>Prof. D P Vidyarthi Professor JNU, Delhi (Experience 32+ Years)</p>
<p>6:30PM to 8:00PM</p> <p>Session 1</p> <p>Introduction to AI: History, Evolution and future</p> <p>Kailash Sharma Development manager (Bank of America) (Experience-22+ years)</p>	<p>7:30PM to 9:00PM</p> <p>Session 4</p> <p>AI & Human Intelligence: collaboration or competition</p> <p>Taruna Madaan Gupta Vice president, Gartner (Experience- 16+ Years)</p>	<p>7:30PM to 9:00PM</p> <p>Session 6</p> <p>AI Based motion control</p> <p>Prof. Prerna Gaur Professor NSUT Delhi (Experience- 32+ years)</p>	<p>7:30PM to 9:00PM</p> <p>Session 8</p> <p>Leveraging AI for predictive Analytics in quantitative finance</p> <p>Ajay Kumar Sr. Quantitative Strategist, Deutsche Bank London (Experience- 16+years)</p>	<p>7:30PM to 9:00PM</p> <p>Session 10</p> <p>Redefined Computer Architecture for AI and ML application</p> <p>Prof. John Jose Professor IIT Guwahati (Experience- 10+ years)</p>	<p>3:30PM to 5:00PM</p> <p>Session 12</p> <p>Data storage solution for HPC, AI enterprise application</p> <p>Pankaj Sharma Sr. Solution Engineer, NetApp India (Experience- 16+ years)</p>
<p>8:00PM to 9:30PM</p> <p>Session 2</p> <p>Generative AI</p> <p>Abhishek Dixit Sr. Solution specialist, Microsoft India (Experience- 28+ years)</p>					<p>5:00PM to 6:30PM</p> <p>Session 13</p> <p>AI for sustainable Development</p> <p>Prof. Achal Kaushik Professor BPIT, Rohini (Experience- 20 Years)</p>
					<p>6:30PM to 7:30PM</p> <p>Online test & feedback</p>
					<p>7:30PM to 8:00PM</p> <p>Valedictory Session</p>