

ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule

FDP Thrust Area: Disaster Management

FDP Title: Transforming Disaster Management and Resilience in Civil Engineering through Adaptive AI and Neuromorphic Computing.

Start Date:10.02.2025

End Date:15.02.2025

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>Topic: <i>Disaster Management in Civil Engineering</i></p> <p>Name of the Expert: Prof. Gang Li Designation & Organization: <i>Professor, Melbourne Burwood Campus, Australia</i> Years of Exp:20</p>	<p>6:00PM to 7:30PM</p> <p>Session 5</p> <p>Topic: <i>Advanced Predictive Models for Natural Disasters</i></p> <p>Name of the Expert: <i>Prof. Lorna Uden</i> Designation & Organization: <i>Full Professor, Staffordshire University, UK</i> Years of Exp:15</p>	<p>6:00PM to 7:30PM</p> <p>Session 7</p> <p>Topic: Challenges and Limitations Name of the Expert: <i>R. Hüseyin Isik</i> Designation & Organization: <i>Assoc. Prof.Bandirma Onyediyul University, Turkey.</i> Years of Exp:13</p>	<p>6:00PM to 7:30PM</p> <p>Session 9</p> <p>Topic: Case Studies and Real-World Applications Name of the Expert: Prof.Akhtam Kalam Designation & Organization: <i>Full Professor ,Victoria University , Melbourne</i> Years of Exp:20</p>	<p>2:00PM to 3:30PM</p> <p>Session 11</p> <p>Topic: Ethical, Legal, and Policy Implications Name of the Expert: Dr.S. Venkataprasad Designation & Organization: Senior Manager, TCS, Chennai Years of Exp:12</p>
<p>6:30PM to 8:00PM</p> <p>Session 1</p> <p>Topic: Introduction Name of the Expert: Pavithra BalachandraGanesan Designation & Organization: Business Analyst - Asst.Manager Renault Nissan Technology and Business Centre India Years of Exp:13</p>	<p>7:30PM to 9:00PM</p> <p>Session 4</p> <p>Topic: Neuromorphic Computing in Smart Infrastructure</p> <p>Name of the Expert: Mr.E.Guru chandran Designation & Organization: Full Stack Developer and Security DRI, Zoho Years of Exp:7</p>	<p>7:30PM to 9:00PM</p> <p>Session 6</p> <p>Topic: Intelligent Decision-Making Frameworks Name of the Expert: Deva Bala Designation & Organization: Programming Head, Corent Technology Inc, chennai Years of Exp: 7</p>	<p>7:30PM to 9:00PM</p> <p>Session 8</p> <p>Topic: Challenges and Limitations Name of the Expert: Prof.Dr. Subash Thanappan Designation & Organization: Professor, KAAF University College Republic of Ghana Years of Exp:17</p>	<p>7:30PM to 9:00PM</p> <p>Session 10</p> <p>Topic: Case Studies and Real-World Applications Name of the Expert: Dr. Surendar M Designation & Organization: Assistant Professor ECE, National Institute of Technology Puducherry Years of Exp:13</p>	<p>3:30PM to 5:00PM</p> <p>Session 12</p> <p>Topic: Ethical, Legal, and Policy Implications Name of the Expert: Dr. O.Ganesh Babu Designation & Organization: Assistant Professor, Anna University Regional Campus, Madurai Years of Exp:15</p>

<p>8:00PM to 9:30PM</p> <p>Session 2</p> <p>Topic: <i>Theoretical Foundations</i> Name of the Expert: O.Ganesh Babu Designation & Organization: Assistant Professor, Anna University Regional Campus, Madurai Years of Exp:15</p>		<p>5:00PM to 7:30PM</p> <p>Session 13</p> <p>Topic: Toward a Resilient Future: The Path Ahead Name of the Expert: Dr. Vishwas Rathi Designation & Organization: Assistant Professor, Department of CSE, Nit Kurukshetra Years of Exp:15</p>
		<p>6:30PM to 7:30PM</p> <p>Online test & feedback</p>
		<p>7:30PM to 8:00PM</p> <p>Valedictory Session</p>