

# ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule

**FDP Thrust Area: Energy, Sustainability & Climate Change**

**FDP Title: Leveraging Cutting Edge Technologies for Sustainable Agriculture Practices**

**Start Date: 02/12/2024**

**End Date: 07/12/2024**

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
<p>6:00PM to 6:30PM</p> <p><b>Inaugural Session</b></p>	<p>6:00PM to 7:30PM</p> <p><b>Session 3</b></p> <p>Topic: Leveraging AI for Agriculture Data Analysis, Prediction and Forecasting Name of the Expert: Dr. Vinaya Gohokar Designation &amp; Organization: Professor, World Peace University, Pune Years of Exp: 32 Years</p>	<p>6:00PM to 7:30PM</p> <p><b>Session 5</b></p> <p>Topic: Revolutionizing Agriculture with Cutting-Edge Technologies Name of the Expert: Dr. Rajul Patkar Designation &amp; Organization: CEO, Proximal Soilsens Technologies Pvt. Ltd. Years of Exp: 26 Years</p>	<p>6:00PM to 7:30PM</p> <p><b>Session 7</b></p> <p>Topic: Low-cost, client-server architecture for mobile-based seed quality detection Name of the Expert: Dr. Sriharsha Koundanya Designation &amp; Organization: Senior Chief Engineer, Samsung Research and Development Institute, Bangalore Years of Exp: 11 Years</p>	<p>6:00PM to 7:30PM</p> <p><b>Session 9</b></p> <p>Topic: Low Power Wireless Technologies for Future Precision Farming Name of the Expert: Dr. Vivek Ratnaparkhi Designation &amp; Organization: Staff Engineer, Tejas Networks, Bangalore Years of Exp: 16 Years</p>	<p>2:00PM to 3:30PM</p> <p><b>Session 11</b></p> <p>Topic: Rural Community Development through techno-social Collaboration Name of the Expert: Mr. Suhas Labade Designation &amp; Organization: Manager, Fab Lab, Vigyan Ashram, Pune Years of Exp: 12 Years</p>
<p>6:30PM to 8:00PM</p> <p><b>Session 1</b></p> <p>Topic: Smart Farming – Resource to Root – The Ramthal Story Name of the Expert: Mr. Abhijit Joshi Designation &amp; Organization: Executive Sr. Vice President, Jain Irrigation Systems Years of Exp: 27 Years</p>	<p>7:30PM to 9:00PM</p> <p><b>Session 4</b></p> <p>Topic: Digital Agriculture Initiatives for Data Driven Farming Name of the Expert: Dr. Srikanth Rupavatharam Designation &amp; Organization: Senior Scientist, International Crops Research Institute for the Semi-Arid Tropics Years of Exp: 25 Years</p>	<p>7:30PM to 9:00PM</p> <p><b>Session 6</b></p> <p>Topic: Assisted Automated Driving towards Smart Farming Name of the Expert: TBA Designation &amp; Organization: Years of Exp:</p>	<p>7:30PM to 9:00PM</p> <p><b>Session 8</b></p> <p>Topic: Advances in Automation Devices Name of the Expert: TBA Rajput Designation &amp; Organization: Years of Exp:</p>	<p>7:30PM to 9:00PM</p> <p><b>Session 10</b></p> <p>Topic: Low Power IoT Networks Name of the Expert: Dr. Vivek Ratnaparkhi Designation &amp; Organization: Staff Engineer, Tejas Networks, Bangalore Years of Exp: 16 Years</p>	<p>3:30PM to 5:00PM</p> <p><b>Session 12</b></p> <p>Topic: Deep Learning Integration into Crop Disease Prediction Name of the Expert: Dr. K. B. Khanchandani Designation &amp; Organization: Professor, SSGMCE Shegaon Years of Exp:</p>
<p>8:00PM to 9:30PM</p> <p><b>Session 2</b></p> <p>Topic: Sustainable Agriculture: Practices, Challenges and Opportunities Name of the Expert: Dr. Shashikant Sadistap Designation &amp; Organization: Chief Scientist, CSIR-NEERI, Nagpur Years of Exp: 35 Years</p>					<p>5:00PM to 7:30PM</p> <p><b>Session 13</b></p> <p>Topic: Harvesting Future Farming – AI and IoT Integration Design Principles Name of the Expert: Dr. P. R. Wankhede Designation &amp; Organization: Associate Professor, CSMSS Chh. Shahu College of Engineering, Bangalore Years of Exp: 16 Years</p>
					<p>6:30PM to 7:30PM</p> <p><b>Online test &amp; feedback</b></p>
					<p>7:30PM to 8:00PM</p> <p><b>Valedictory Session</b></p>