



INDIA MOBILE CONGRESS 2025

WORKSHOP FOR ACADEMICIANS OF 5G USE CASE LABS

THEME: India's Journey to a 6G-Ready Ecosystem

9th OCTOBER, 2025

**VENUE : Kesar Hall, Room No 202 (Near Brahamkamal),
Yashobhoomi Convention Centre, (India
International Convention and Expo Centre (IICC)
Sector 25, Dwarka, New Delhi – 110061)**

BRIEF about Event		
One Day Workshop for the Academicians of 5G Labs on 9th October 2025, will be focusing on 5G use cases, 5G Advanced, Roadmap to 6G, Non-Terrestrial Integration, Innovation opportunities and participation in Global Standards. It will also showcase scalable 5G use cases in Manufacturing, Agriculture, Healthcare, Smart Grids, and Railways. Further, the agenda highlights innovation, standardization, and industry-academia collaboration, with insights into ITU/3GPP engagements and India’s contributions to global telecom standards. The subject matter experts on various topics will be deliberating on the topics, followed with a panel discussions and interaction with the participants.		
Time	Session Details	Speaker
0900 to 0930	Registration	
0930 to 0935 : Lamp Lighting Ceremony 0935 to 0940 : Welcome & Opening Remarks – Shri Rajesh Gupta, DDG (WA), NCA-T, Ghaziabad 0940 to 0945 : Distinguished Address – Shri Atul Sinha, Director General, NCA-T, Ghaziabad 0945 to 0950 : Keynote Address – Dr. Neeraj Mittal, Secretary, DoT & Chairman, DCC 0950 to 1000 : Inaugural Address - Dr. Pemmasani Chandra Sekhar, Hon’ble Minister of State Ministry of Communications and Ministry of Rural Development 1000 to 1010 : Awards distribution to 5G Innovation Hackathon 2025 winners, and Certificates to the best performing 5G Use Case Labs 1010 to 1015 : Vote of Thanks – Shri Atul Joshi Director (WA), NCA-T, Ghaziabad		
1015 to 1100	Coffee Break	
SESSION- A: INDIA’S PATH TO 6G NETWORKS		
1100 to 1115	Software-Defined Architectures for 5G and Beyond: From Testbeds to Intelligent Infrastructure	Dr. Ekant Sharma, IIT Roorkee
1115 to 1130	AI/ML-Frameworks for Sustainable 6G network	Mr. Kaushik Dey, Ericsson
1130 to 1145	5G and Non-Terrestrial Network Integration	Mr. Manoj Gurnani, Nokia
1145 to 1200	India’s Role in Global 6G Vision	Mr. Rajesh Pathak, DG, Bharat 6G Alliance
1200 to 1230	Panel Discussion: " INDIA’S PATH TO 6G NETWORKS" Panelists : Prof. Ekant Sharma, IIT Roorkee, Mr. Kaushik Dey, Ericsson, Mr. Manoj Gurnani, Nokia, Mr. Rajesh Pathak, DG, Bharat 6G Alliance Session Chair: Mr. Rajesh Gupta, DDG Wireless Access, NCA-T, Ghaziabad	
SESSION- A1: STUDENT/Academia Presentations		
1230 to 1240	Unveiling the Features of 5G Advanced and 6G Using Dielectric Resonator Antennas	Dr. Md. Muzammil Sani,Jamia Millia Islamia New Delhi
1240 to 1250	Quantum-Enhanced Railway Optimisation: Integrating QUBO Algorithms with Machine Learning for Intelligent Train Scheduling and Accident Prevention in Indian Railways	Mr.Aayush Chauhan, Faculty of Technology,University of Delhi
1250 to 1400	Lunch Break	

SESSION- B: SHOWCASING 5G FOR BHARAT-SCALABLE USE CASES AND PILOTS		
1400 to 1415	Smart Manufacturing with 5G & AI	Mr. Kalyan Ram B (Automotive industry Association)
1415 to 1430	5G in Precision Agriculture: Indian Innovations	Dr. Rabi N Sahoo (ICAR-IARI)
1430 to 1445	Connected Healthcare & Remote Surgery	Mr. Priyanjit Ghosh (Logy.AI)
1445 to 1500	Smart Industrial Infrastructure and Predictive Maintenance	Mr. Avnish (LivNsense)
1500 to 1530	Panel Discussion: SHOWCASING 5G FOR BHARAT-SCALABLE USE CASES AND PILOTS Panelist: Mr. Kalyan Ram B (AIA), Dr. Rabi N Sahoo, Mr. Priyanjit Ghosh,and Mr. Avnish Session Chair: Mr. Ashok Kumar, DDG SRI DoT HQ	
1530 to 1600	Coffee Break	
SESSION-C : INNOVATION, STANDARDIZATION & INDUSTRY-ACADEMIA COLLABORATION		
1600 to 1615	Academia’s Role in NextG Standardization Efforts	Prof Brejesh Lall, IIT Delhi
1615 to 1630	Role of Academia-Industry Collaboration	Dr. Mallik Tatipamula, Ericsson
1630 to 1645	Global Collaboration in 6G Research and India’s contributions in 3 GPP	Mr. A K Mittal, TSDSI
1645 to 1700	ITU Engagements : Focus Group on AI in Native Networks and Study Group 13 - Study items	Mr. Amit Kumar Srivastava, DDG MT, TEC
1700 to 1730	Panel Discussion: INNOVATION, STANDARDIZATION & INDUSTRY-ACADEMIA COLLABORATION Panelists: Prof Brejesh Lall, IIT Delhi, Dr. Mallik Tatipamula, Ericsson Mr. A K Mittal, TSDSI and Mr. Amit Kumar Srivastava, DDG MT, TEC Session Chair: Mr Atul Sinha, DG NCA-T	

Inauguration



Dr. Pemmasani Chandra Sekhar
Hon'ble Minister of State,
Communications



Dr. Neeraj Mittal
Secretary, DoT and Chairman DCC



Sh. Atul Sinha
DG, NCA-T

Speakers, Panelists and Session Chairs



Sh. Rajesh Gupta
DDG, NCA-T



Sh. Ashok Kumar
DDG SRI, DoT HQ



Sh. Amit Kumar Srivastava
DDG MT, TEC



Dr. Ekant Sharma
IIT Roorkee



Sh. Kaushik Dey
Ericsson



Sh. Manoj Gurnani
Nokia



Sh. Rajesh Pathak
Bharat 6G Alliance



Sh. Kalyan Ram B
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Dr. Rabi N Sahoo
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Sh. Avnish
LivNsense



Prof Brejesh Lall,
IIT Delhi



Dr. Mallikarjun Tatipamula
Ericsson



Sh. A K Mittal
TSDSI



Dr. Md. Muzammil Sani
Jamia Millia Islamia



Sh. Aaysh Chauhan
University of Delhi

Organizing Team



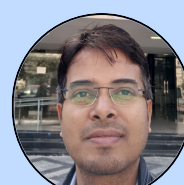
Sh. R P Singh
Director, NCA-T



Sh. Atul Joshi
Director, NCA-T



Sh. Sandeep Singh
AD, NCA-T



Sh. M P S Tomar,
AD, NCA-T

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