

# OpenRAN

## WEBINAR ON OPEN RAN

Date : 06.03.2024 | Time: 1015 - 1245 hrs

For Registration click <http://tinyurl.com/3bfsvck8> or SCAN



### PROGRAMME SCHEDULE

S.No	SESSION & SLOT	NAME OF THE TOPIC
1	<b>Inaugural Session</b> 1015 - 1030 hrs	<b>Welcome Address</b> - Sh. Rajesh Gupta, DDG (Wireless Access), NTIPRIT, DoT <b>Inaugural Address</b> - Sh. Deb Kumar Chakrabarti, DG, NTIPRIT, DoT
2	<b>Session 1</b> 1030 - 1110 hrs 1110 - 1115 hrs	<b>Overview of the ORAN Front haul and 7.2 Split</b> - Prof. Radha Krishna Ganti, IIT Madras - Q&A
3	<b>Session 2</b> 1115 - 1155 hrs 1155 - 1200 hrs	<b>ORAN Standards, Architecture and 6G Research</b> - Sh Niraj Nanavaty, Principal Standardization Lead, Nokia - Q&A
4	<b>Session 3</b> 1200 - 1240 hrs 1240 - 1245 hrs	<b>ORAN Use Cases</b> - Sh Atul Ahuja, Director, Sales Engineering, Mavenir - Q&A
5	1245 Hrs	<b>Vote of Thanks</b> - Sh. Atul Wakhle, Director( Wireless Access), NTIPRIT, DoT

### ABOUT THE WEBINAR

5G mobile technology offers a unique opportunity to enhance network capabilities and customer experience & reduce operational costs. This can be achieved through Open Radio Access Network (RAN) where disaggregated components are connected via open interfaces and optimized by intelligent controllers. The result is a new paradigm for the RAN design, deployment, and operations: O-RAN networks can be built with multivendor, interoperable components and can be programmatically optimized through a centralized abstraction layer and data driven closed-loop control. Therefore, understanding O-RAN, its architecture, its interfaces, and workflows is key to drive expansion and diversification of vendor ecosystem and to promote an environment of open & inter-operable hardware and software.

## EXPERT SPEAKERS



**Prof Radha Krishna Ganti**  
IIT Madras

Professor at the Indian Institute of Technology Madras. He received the 2014 IEEE Stephen O. Rice Prize, and the 2014 IEEE Leonard G. Abraham Prize and the 2015 IEEE Communications society young author best paper award. He was also awarded the 2016-2017 Institute Research and Development Award (IRDA) by IIT Madras. In 2019, he was awarded the TSDSI fellow for technical excellence in standardization activities and contribution to LMLC use case in ITU. He was the lead PI from IITM involved in the development of 5G base stations for the 5G Test bed project funded by DOT.



**Niraj Nanavaty**  
Principal Standardization Lead, **Nokia**

Niraj Nanavaty works as Standards delegate & 6G researcher and was Head of System Engineering in his prior role. Niraj has 26+ years of extensive experience in innovating and developing 2G, 3G, 4G, 5G and 6G systems and products. He has nine patents. He has written multiple papers of which three papers were published in reputed IEEE conferences. He is a regular speaker at various industry events, forums, colleges and universities on varied topics including 5G and 6G. He has won multiple awards and contexts including best innovation award and Unicom 2015 Ethical Hacking contest. He represents Nokia in multiple forums including O-RAN Alliance WG1 UCTG, ATG MVSA, WG3 and nGRG(6G) and 2015 Security Best Practice Meet conducted by DSCI, NASSCOM.



**Atul Ahuja**  
Director ,Sales Engineering, **Mavenir**

Experienced Solutions Architect with a demonstrated history of working in the information technology and services industry. Skilled in 4G, Universal Mobile Telecommunications System (UMTS), Code Division Multiple Access Method (CDMA), Mobile Broadband, 5G NR, Massive IoT (Cat-M1, NB-IoT), Critical IoT



National Telecommunications Institute for Policy Research,  
Innovation and Training (NTIPRIT)  
NTIPRIT, Admin Building, ALT Centre  
Govt of India Enclave, Near Raj Nagar, Ghaziabad-201002  
[ntiprit.gov.in](http://ntiprit.gov.in)