



NATIONAL WORKSHOP ON NEXT GENERATION (5G/6G) COMMUNICATION NETWORKS: OVERVIEW, TECHNOLOGY, APPLICATIONS AND RECENT TRENDS

(NWNGCN-2023)

October 9-13, 2023

National Institute of Technology Mizoram, Aizawl-796012, Mizoram

This 5-day workshop aims to highlight the potential of Next Generation Communication Networks (5G and beyond) with the understanding of 5G core technologies and their role in enabling future applications and use cases. The primary focus will be on methodologies of Network Slicing, Edge Computing, RAN, IoT, and Cloud Computing, including recent evolving areas such as Reconfigurable Intelligent Surfaces. Emphasis will be given on the implementation and standardization aspects as well.

Registration

The level of workshop is appropriate for 4th year B Tech, M Tech., and Ph.D. students from universities/institutes. Registration can be made online on the given link (No Registration Fee). Background of computer networks will be helpful.

Topics:

Edge Computing and Edge Caching
Edge Intelligence and Tactile Internet
Reconfigurable Intelligent Surfaces
5G Core
Network Slicing and 5G Core
Radio Access Network
Open Radio Access Network
Standardization 3GPP/ETSI
IoT devices over 5G
Distributed and cloud computing with 5G

Important Dates:

Registration Open: September 22, 2023
Registration Closes: September 30, 2023
Intimation letter: October 5, 2023

Link For Registration:

<https://forms.gle/VKw1B7YUoWWojsJA>

For more details visit:

<https://tinyurl.com/NWNGCN2023>

(30 Participants, preference will be given to the students pursuing PhDs)

List of Speakers:

Dr. Arzad Alam Kherani, Associate Professor, Department of ECE Indian Institute of Technology, Bhilai
Dr. Rakesh Tripathi, Associate Professor, Department of Information Technology, National Institute of Technology, Raipur
Dr. Manojit Ghose, Assistant Professor, Department of CSE, IIIT Guwahati
Dr. Srinivas Reddy Kota, Inspire Faculty, Department of EE, IIT Madras
Dr. Tanumay Manna, Device/Modem Standardization Research, Nokia Standards
Dr. Sanjeev Sharma, Assistant Professor, Department of ECE, IIT, BHU
Dr. Pariksit Saikia, Assistant Professor, Department of CSE, NIT Silchar
Dr. Sanjay Kumar Panda, Deptt. of CSE, NIT Warangal

Contact:

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Organizing committee:

Patron: Prof. S. Sundar, Director, National Institute of Technology Mizoram, Aizawl
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Coordinator: Dr. Ashish Singh Patel, National Institute of Technology Mizoram, Aizawl
Local Organizing Committee:
Dr. Sandeep Kumar Dash, National Institute of Technology Mizoram, Aizawl
Dr. Lenin Laitonjam, National Institute of Technology Mizoram, Aizawl
Dr. Vaibav Malviya, National Institute of Technology Mizoram, Aizawl