



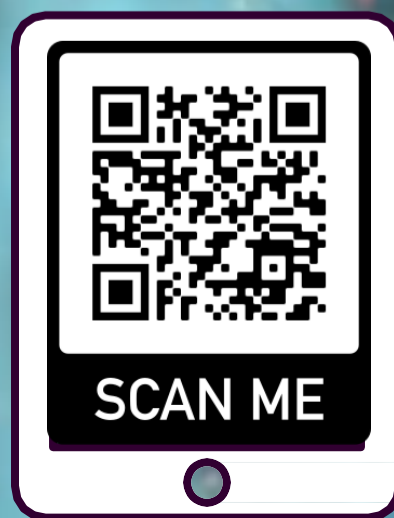
# AICTE Sponsored INTERNATIONAL CONFERENCE

On

## Communication, Computing and Nano- Microwave Technology (CCNMT-2022)

**Organized by**  
**Department of Electronics and Communication**  
**Engineering**  
**and**  
**Department of Food Technology**

**Venue**  
**Guru Nanak Institute of Technology**  
**KOLKATA, INDIA**  
~~**10-11<sup>th</sup> May, 2022**~~  
**08-09<sup>th</sup> July, 2022**



# Objective

The AICTE sponsored International Conference on Communication, Computing and Nano-Microwave Technology (CCNMT-2022) will be organized by ECE and FT department of Guru Nanak Institute of Technology, Kolkata, West Bengal during March 9-10, 2022. It will act as the forum for researchers and practitioners working in the development and application of emerging trends to share their ideas. This conference aims to build networks among the industries and academia, detecting research demands, exchanging best practices and experiences in a global scale context. It will also serve as a platform to develop the recent trends in design and implementation of smart devices, engineering computation and also microwave technology. Each participant will also be provided one **PARTICIPATION CERTIFICATE**. Contributory papers presented in the technical sessions will be published in the Conference Compendium.

Guru Nanak Institute of Technology was instituted with a vision to empower the aspiring professionals with the technological knowledge and professional expertise under the aegis of JIS Group Educational Initiatives in the year 2003. This technical campus offers undergraduate and post graduate courses under West Bengal University of Technology (WBUT now MAKAUT) and some courses are NBA Accredited. The Institute is approved by AICTE and accredited by UGC, NAAC and located in one of the prime locations in North Kolkata near Sodepur. The Institute offers latest technology oriented courses as per industry trends and nurtures creativity, innovations and research initiatives both at faculty and student

## About Us

# CONFERENCE TRACKS

## (NOT LIMITED TO)

### □ **Track 1: COMMUNICATION THEORY:**

Millimeter-Wave and Terahertz, Next Generation MIMO and Massive MIMO, Energy Harvesting and Low Energy Communication, Physical Layer Security, Vehicular Networks , Cooperative and D2D Communications, Cognitive Radio, Green Communications, Channel Modelling and Estimation, Coding Theory, Information Theory and Channel Capacity, Signal Processing for Communications and Optical Communication and Networks.

### □ **Track 2: SMART COMPUTING:**

Future Smart Computing Paradigms, AI and Machine Learning in Smart Computing, Security and Privacy, and Trust issues in Smart Computing, Mobile and Ubiquitous Platforms for Smart Environments, Cloud, Edge and Fog Computing Platforms for Smart Systems, Smart green computing, Wearable computing and IoT for Smart Systems, Architectures and Software for Smart Computing, Quantum Computing in Smart Systems, Interdisciplinary approaches to Smart Computing, Applications of Smart Computing include: — Smart healthcare and digital epidemiology, Smart agriculture, Smart infrastructures, Smart cities, Smart energy, transportation, water distribution systems.

### □ **Track 3: ANTENNA AND MICROWAVES:**

Antennas, Propagation, and Scattering, Antenna Theory, Design and Measurements, Microwave Systems, Radar, Acoustics Aeronautical and Space Applications, RFID Devices/Systems/Applications, Automotive/Transportation Radar & Communications, RF/MW Devices and Circuits-RFICs, Solid-State Devices,  $\mu$ Wave, mmW and Sub-mmW Circuits/Technologies, Microwave filters, Medical RF, MW & MMW Applications and Devices, Medical Imaging and Image Processing, The effects of RF and MW on Biological Tissues.

### □ **Track 4: VLSI AND NANO TECHNOLOGY:**

Novel nano-materials and devices, Nanobiotechnology, Nanomaterials for energy conversion, Energy applications of nanomaterials, Green nanotechnology, Nano Mechanics, Carbon Nanotubes emitters, Biological applications of nanoparticles, Nano Fabrication and Metrology, Nano Heat Transfer and Energy Information Technology, Nano Sensors, Actuators and Systems Nanobionics, Nanofluidics and Bio Chips.

# HIGHLIGHTS

## □ INVITED TALKS

by International Dignitaries

## □ INVITED TALKS

by Eminent Scientists and Professors

## □ BEST PAPER AWARD

## □ PUBLICATION

Selected conference papers will be blind peer reviewed by competent reviewers. The selected papers will be published in **SCOPUS indexed Journal after peer-review**. Extended version of the papers will be published as a book chapter with **NOVA science publisher (SCOPUS indexed)**.

## Important Dates

\* *Abstract submission deadline :*

**05. 05. 2022**

\* *Full paper submission deadline:*

**15. 05. 2022**

\* *Notification of acceptance:*

**25. 05. 2022**

\* *Deadline for camera ready paper submission:*

**31. 05. 2022**

\* *Deadline for early bird registration:*

**31. 05. 2022**

**Abstract Submission:**

<https://forms.gle/B43nLynuB6i8RnpG7>

## Registration

Presenter (Academics/Research Scholar):

Rs. 2000

Presenter (Industry):

Rs. 3000

Presenter (Students only UG and PG):

Rs. 1000

Only participation:

Rs. 500

**Full paper Submission:**

<https://forms.gle/DCaLoEo43bzbUBoXA>

Paper Template:

<https://www.ieee.org/conferences/publishing/templates.html>

## PAYMENT INFORMATION

The registration fee shall be paid through electronic fund transfer to the **A/C no.: 33454713045**  
**IFSC Code: SBIN0016642 Branch: GNCC Bank: State Bank of India** Participants are requested to inform the Mode of Payment at the time of registration.

# COMMITTEE

## **CHIEF PATRON :**

**Sardar Taranjit Singh, MD, JIS Group**

## **PATRON :**

**Mr. Simarpreet Singh, Director, JIS Group**

**Mr. Amonjot Singh, Director, JIS Group**

**Mr. Horjot Singh, Director, JIS Group**

**Ms. Akanksha Kaur, JIS Group**

## **HONORARY CHAIR:**

**Prof.(Dr.) Indranil Sen Gupta, Vice Chancellor, JIS  
University**

**Prof.(Dr.) Ajoy Kumar Ray, JIS Institute of Advanced  
Studies and Research Kolkata, GNIT**

## **MENTORS:**

**Mr. U. S. Mukherjee, Dy. Director, JISGroup**

**Prof. (Dr.) Santanu Kumar Sen, Principal, GNIT**

**Prof. (Dr.) Adhish Kumar Chakrabarty, Registrar, GNIT**

**Prof. (Dr.) Arun Kumar Mondal, Controller, GNIT**

**Prof. Utpal Raychaudhuri, Professor, FT, GNIT**

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Mr. Debasish Majumder, CDAC, INDIA  
Mr. Raghav Bhattacharya, DGM, IOCL, INDIA  
Dr. Sunita Adhikari, Jadavpur University, INDIA

## **CONVENOR :**

Prof. (Dr.) Sunipa Roy, HOD, ECE, GNIT

Prof. (Dr.) Kakali Bandyopadhyay, HOD, FT, GNIT

## **COORDINATOR :**

Dr. Surajit Basak, ECE, GNIT

Email: [surajit.basak@gnit.ac.in](mailto:surajit.basak@gnit.ac.in)

Contact No: +91 6290186865

Dr. Souptik Bhattacharya, FT, GNIT

Email: [souptik.bhattacharya@gnit.ac.in](mailto:souptik.bhattacharya@gnit.ac.in)

Contact No: +91 7980237028

\*\*\*\*\* For any query, please contact the coordinators

# **ORGANISING COMMITTEE**

**Prof. Anurima Majumdar**  
**Prof. Suparna Biswas**  
**Prof. Kaushik Roy**  
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**Mr. Amit Barman**  
**Mr. Shubhobrata Saha**  
**Ms. Monika Paul**  
**Mr. Goutam kr. Das**

## **Venue**

### **Guru Nanak Institute of Technology**

**157/F, Nilgunj Rd, Sahid Colony, Panihati, Kolkata,  
West Bengal 700114.**

**Conference Email: [gnit.ccnmt@gmail.com](mailto:gnit.ccnmt@gmail.com)**

**Ph: +91 33 2523 3900**

**Web: <https://gnit.ac.in/>**