

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY, JAIPUR

(Deemed-to-be-University under De-Novo category and Section 3 of UGC Act 1956)

Event Report Format

S. No.	Particulars	Response																		
1	Name of the Event/ Activity	Workshop on "Quantum Communication: Trends and Research Opportunities"																		
2	Program Type (FDP/ EDP/ UHV-FDP/ Conference/ Workshop/ Webinar/ Seminar/ Invited Talk/ Distinguished Lecture/ Induction Program/ Orientation Program/ Hackathon/ GIAN Course/ Sort-Term Course/ Training Session/ Cultural Activity/ Quiz Contest/ Debate/ Competition/ Sports Event/ Social Service Activity/ Awareness Program/ Charity Program/ Swachhta Program/ Healthcare Activity/ Others)	Workshop																		
3	Theme of the Event (Technology/ Innovation/ Research Methodology/ IPR/ Start-up/ Entrepreneurship/ Skill Development/ Stress Management/ Motivation/ Gender Sensitization/ Women Empowerment/ Career Development/ Leadership/ Awareness Program/ Social Service/ Mentoring/ Road Show/ Exhibition/ Fun Activity/ Games/ Cultural Activity/ Disaster Management/ Environmental Awareness/ Others)	Technology																		
4	Program Level (National/ International/ Departmental/ Institutional/ District/ State)	National																		
5	Program Category (Institute Lead Activity/ Student Lead Activity)	Institute Lead Activity																		
6	Event Organized for? (Faculty/ Staff/ Students/ Industry Persons/ External Participants/ Open for All)	Faculty/Students																		
7	Program Starting Date (dd/mm/yyyy)	28/02/2024																		
8	Program Ending Date (dd/mm/yyyy)	28/02/2024																		
9	Program Duration (in hours)	8 hrs (spanning in two halves)																		
10	Event Organized by (Name of Department/ Centre/ Club/ Society/ Group)	Centre for Next Generation Communication and Networking																		
11	Name and Contact details of Coordinator(s)	Dr. Anirudh Agarwal (9460478956)																		
12	Details of External Partner(s) or Sponsoring Body/ Organization, if any?	NA																		
13	Mode of Conduction (Online/ Offline/ Hybrid)	Physical																		
14	Venue of the Event	LT-05																		
15	Details of Participants (Please attach hard copy of the list of participants)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>No. of Internal Students</td> <td style="text-align: center;">14</td> </tr> <tr> <td>No. of Internal Faculty</td> <td style="text-align: center;">15</td> </tr> <tr> <td>No. of Internal Staff</td> <td style="text-align: center;">0</td> </tr> <tr> <td>No. of External Students</td> <td style="text-align: center;">0</td> </tr> <tr> <td>No. of External Faculty</td> <td style="text-align: center;">0</td> </tr> <tr> <td>No. of External Staff</td> <td style="text-align: center;">0</td> </tr> <tr> <td>No. of Industry Persons</td> <td style="text-align: center;">0</td> </tr> <tr> <td>No. of International Participants</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Total Participants</td> <td style="text-align: center;">29</td> </tr> </tbody> </table>	No. of Internal Students	14	No. of Internal Faculty	15	No. of Internal Staff	0	No. of External Students	0	No. of External Faculty	0	No. of External Staff	0	No. of Industry Persons	0	No. of International Participants	0	Total Participants	29
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No. of External Staff	0																			
No. of Industry Persons	0																			
No. of International Participants	0																			
Total Participants	29																			

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16	Details of Invited Speakers/ Experts/ Industry Persons/ Guests (Name, Designation, Organization/ Industry Name)	<u>See the Attached Flyer</u>	
17	Funding details	Expenses from the Institute Fund	<u>INR 45000/-</u>
		Grant received from Sponsoring or Partnering Body/ Organization	<u>0</u>
		Grant received from Govt. Bodies	<u>0</u>
		Total Expenditure	<u>INR 45000/-</u>
18	Details of the Winners along with Prize details? If any.	<u>NA</u>	
19	Brief note about the event	The Centre for Next Generation Communication and Networking at LNMIIT organized a workshop on "Quantum Communication: Trends and Research Opportunities", on Feb 28, 2024, in physical mode. The workshop was truly a grand success. The major focus of this talk was on Understanding key issues in quantum communication, rapidly exploding trends and research opportunities for satellite and 6G applications, quantum internet including quantum repeaters.	
20	Program Outcome? If any	Knowledge Enhancement of Participants in the area of Quantum Communication	
21	Google Drive Link of Geotagged and Simple Photographs (Please upload photographs on your google drive and share the link here with editing rights)	<u>https://photos.app.goo.gl/1jbgDS3rH9qw8iBE6</u>	

Supporting Documents to be attached with the report:

1. Copy of participation certificates if issued to the participants: **NA**
2. Copy of Poster/ Flier/ Brochure of the activity: **Attached**
3. Copy of the email/notice circulated: **Attached**
4. List of the participants (Faculty/ Staff/ Students/ External Participants etc.): **Attached**
5. List of the Winners, if any: **NA**
6. Copy of Agreement/ MoU in case of collaborative activity: **NA**
7. At least 5 Geotagged Photographs: **Not Available**
8. At least 5 Simple Photographs: **Provided in Google Drive Link**

Important Notes:

1. Soft copy along with all the applicable documents must be sent to events@lnmiit.ac.in
2. Signed Hard copy along with all the applicable documents must be submitted in IDAAR Cell.

Date of report submission: 29-02-2024



Dr. Anirudh Agarwal

Name and Signature of the Coordinator(s)

One day workshop on
Quantum Communication:
 Trends and Research Opportunities

About the Workshop

A one-day Workshop on “Quantum Communication: Trends and Research Opportunities” is being organized by the “Centre for Next Generation Communication and Networking (CNGCN)” of The LNM Institute of Information Technology, Jaipur on February 28, 2024.

The world is witnessing a new horizon for next generation smart and secure communication utilizing the powerful quantum technology based on quantum communication, quantum cryptography, and quantum sensing. The current workshop is fully designed to create a first-hand opportunity for core understanding of key issues in quantum communication, rapidly exploding trends and research opportunities for satellite and 6G applications, quantum internet including quantum repeaters.

The workshop will also provide adequate and rewarding experience of interaction and discussion sessions for the participants to enable them to immediately initiate both academic and research programs in quantum communication at their perspective HEIs fulfilling the mandates of the National Quantum Mission.

Invited Speakers



Prof. Amlan Chakrabarti

Calcutta University



Dr. Neelkanth Kundu

IIT Delhi

Technical Program Schedule

Time	Event	L U N C H	Time	Event
09:30 - 10:00 AM	Inauguration		02:00 - 03:30 PM	Interactive Discussion on Possible Research Collaborations
10:00 - 11:30 AM	Talk - 1		03:30 - 04:00 PM	Valedictory Session and High Tea
11:30 - 01:00 PM	Talk - 2			



28 February, 2024
 09:30am - 04:00pm

Steering Chair
 Prof. Rahul Banerjee
 Director, LNMIIT Jaipur

Workshop Coordinators
 Prof. Ranjan Gangopadhyay
 Dr. Anirudh Agarwal

Contact
 +91-9460478956

Invitation to a Workshop on Quantum Communication on 28th Feb 2024

Dr. Anirudh Agarwal <anirudh.agarwal@lnmiit.ac.in>
To: Dean Office <deanoffice@lnmiit.ac.in>
Cc: "Prof. R. Gangopadhyay" <ranjan@lnmiit.ac.in>

Fri, Feb 23, 2024 at 12:38 PM

Dear All,

With India moving towards achieving the National Quantum Mission, we are pleased to inform you that the Centre for Next Generation Communication and Networking (CNGCN) is organizing a one day Workshop on "Quantum Communication: Trends and Research Opportunities" on Wednesday, 28th Feb 2024 in LT-05.

The workshop will be graced by the presence of two distinguished speakers:

1. Dr. Amlan Chakrabarti, Director, AK Choudhary School of Information Technology, University of Calcutta, India.
2. Dr. Neelkanth Kundu, Assistant Professor, Dept. of EE, IIT Delhi, India.

The details of the event are as follows:-
Date: **28th February, 2024** (Wednesday)
Starting Time: **09:30 AM**
Venue: **LT-05**


The other details of the workshop are provided in the attached poster of the workshop.

We deeply request your kind presence in this important workshop.

Thanks and regards,
Dr. Anirudh Agarwal, Prof. Ranjan Gangopadhyay
Workshop Coordinators

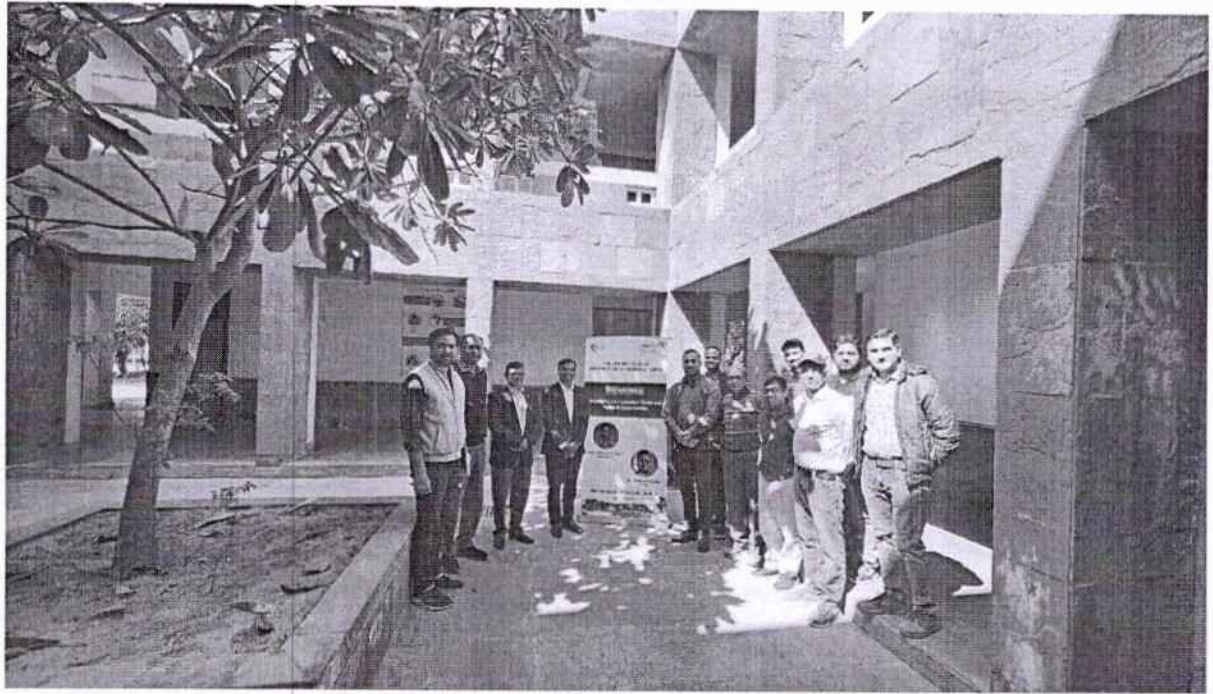
@Dean Office: Kindly forward this email to faculty and PhD student groups.

Anirudh Agarwal, PhD, MIEEE
Assistant Professor, Dept. of ECE,
Assistant Dean of Students' Affairs,
The LNM Institute of Information Technology, Jaipur, India
Ph: 0141-3526321 (O), Office Extn: 6321
Website: <https://sites.google.com/view/anirudh-agarwal>

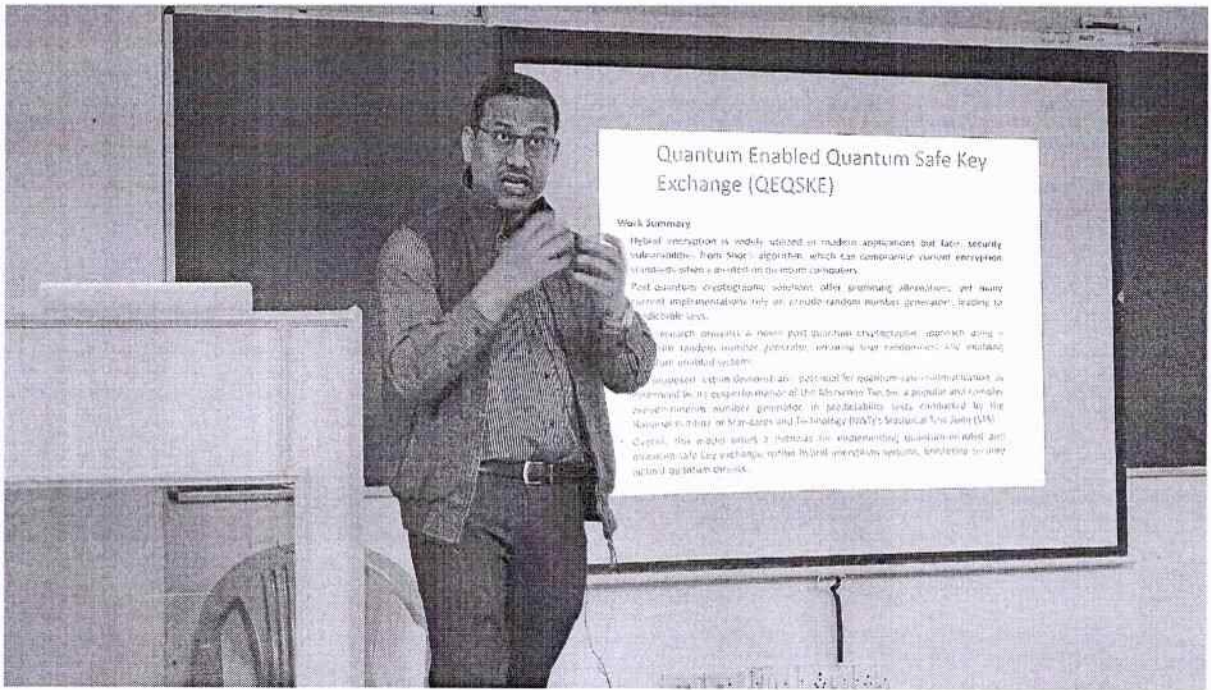
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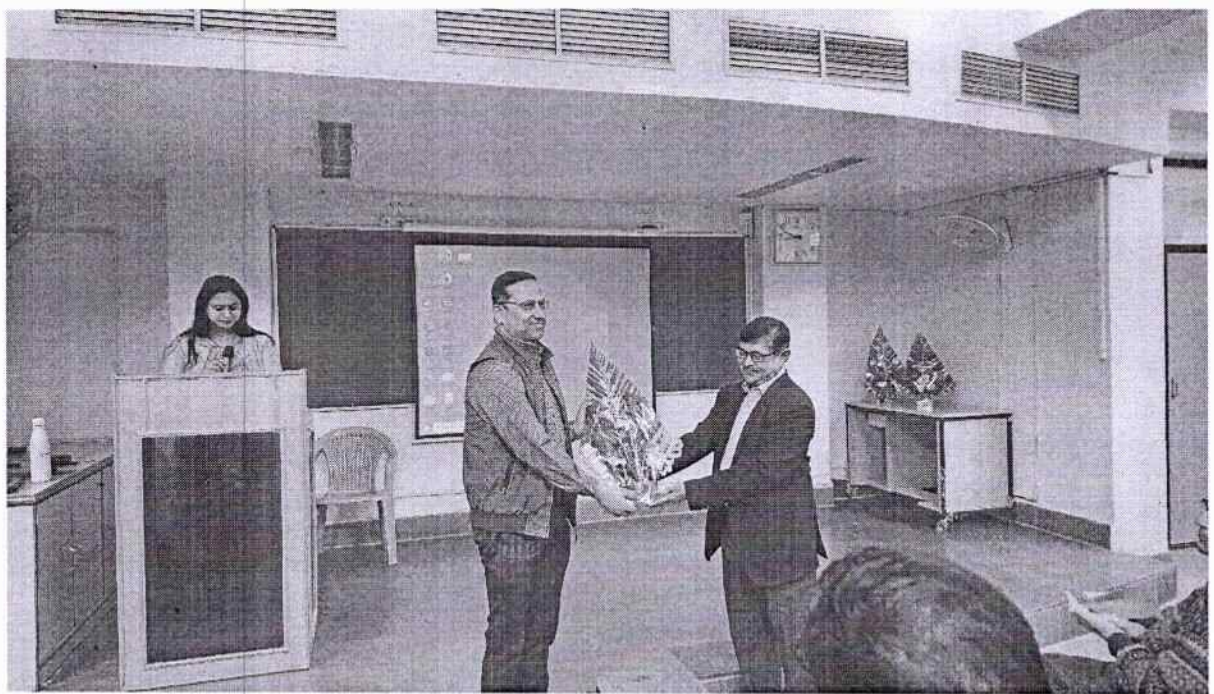
Sr. No.	NAME	DESIGNATION	SIGNATURE
1. ✓	Dr. Anirudh Ag.	Assist. Prof., ECE	
2. ✓	PURNENDU KARMAKAR	Asst Prof. ECE	
3. ✓	Dr. Jayaprakash Kar	Associate Prof	
4.	Aditya Singh Sringer	Ph.D Student	
5. ✓	Dr. Soumitra Debnath	Associate Professor	
6.	Vaidahi Sharma	Ph.D Student	
7.	Payal Mittal	Ph.D student	
8.	Sneha Dattatraya	Ph.D. Student	
9.	Ranay R.K.	MSc. Student	
10 ✓	Dr. Sakshi Bhatnagar	Assoc. Prof. CSE	
11 ✓	Dr. Sudheer K Sharma	Asst Prof CSE	
12 ✓	Nirmal Kumar S	Assistant Professor. CSE	
13	Subait Shah	Ph.D Student	
14.	Abdul Naim Khan	Ph.D. student	
15	Dhruv Shrivastava	Ph.D. student	
16	G. Manideep	PhD Student	
17 ✓	Nabyendu	—	
18 ✓	Dr. Vaishav Gupta	Asst Prof ECE	
19. ✓	M. K. Kadalbayar	Dist. Prof. Maths	
20 ✓	Nikhil Sharma	Asst. Professor	
21.	Manoj Kumar Sain	Ph.D. Scholar.	
22	Bhupendra Sharma	Ph.D. Scholar	
23	Sameeksha Chaudhary	Ph.D. Scholar	
24	Goteti Sai Abhinav	UG Student	
25. ✓	Umesh Sharma	Asst. Professor	
26. ✓	Prateek Rathore	Asst. Professor	
27	Prashant Singh.	Ph.D. Scholar	
28 ✓	Dr. Harsh Trivedi	Asst. Prof. Maths	
29 ✓	Jitendra Goyal	Asst. prof CSE	



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