









A

Report

on

3rd International Conference

On

Advancements in Nanoelectronics and Communication Technologies

(ICANCT-2022)

24th -26th February, 2022

Jointly Organized by

Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur

Institution of Engineers (India), Rajasthan State Center, Jaipur

in Association with

CSIR-IMMT: InTEC, Bhubaneswar









CONVENERS

Prof. Mukesh Arora Head OFA & ECE, SKIT Prof. Praveen K. Jain Dy. HoD, ECE, SKIT

CO-CONVENERS

Dr. Rukhsar Zafar Ms. Pooja Choudhary Mr. Ankit Agarwal

ORGANIZING SECRETARY

Ms. Gloria Jospeh

Mr. Neeraj Jain

Mr. Lalit Kumar Lata

Ms. Suman Sharma

PUBLISHING PARTNERS







TECHNICAL SUPPORT













Index

Particular(s)		
	No(s)	
1. Approval Letter	4	
2. Collaboration Documents	5	
3. Brochure	7	
4. Schedule	8	
5. Invitation Letter	10	
6. List of Invited Guests and Speaker	12	
7. Consent of Speakers	13	
8. Consent form Publication Partners	18	
9. List of paper accepted	20	
10. Objective and Outcome of Event	24	
11. Technical Report	25	
12. Screenshots of Event	30	
13. Sample Copy of E-Certificates	62	
14. Media Coverage	64	
15. Feedback report	68	

Approval Letter



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Department of Electronics and Communication Engineering

Date: 16 Aug 2021

Note

Following proposals of online Conference/ FDP/ workshops are being submitted for your kind approval.

S.N.	Proposed Title:	ed Title: Event Type Name of Coordinator(s)		Tentative dates	Duration	Budget	
1	International conference on Advancements in Nano and Communication Technologies	International Conference	Prof. Mukesh Arora/ Dr. PK Jain	24-26 February 2022	3 days	25000	
2	Signal processing using Python & MATLAB	Workshop	Dr. Monika Mathur , Ms. Kiran Rathi, Mr. Harshal Nigam , Dr. Shubhi Jain,	17-21 January 2022	I week	30000	
3	Emerging Tools and Techniques in VLSI, MEMS and MOEMS	Workshop	Ms. Manju Choudhary, Namrata Saxena, Dr. Rukhsar Zafar, Dr. Swati Arora	22-27 November, 2021	1 week	30000	
4	Student Workhsop on IoT with Machine Learning & Artificial Intelligence	Workshop	Dr. Praveen Kumar Jain, Dr. Rukhsar Zafar, Mr. Ankit Agarwal, Ms. Pooja Choudhary	7-17 February 2022	2 week	56000	
5	Application of VLSI in artificial intelligence	FDP	Mr. Vikas Pathak, Neera Jain, Rahul Pandey, Abhinandan Jain	13-18 December, 2021	1 week	30000	
6	NBA Accreditation and Teaching - Learning Process in Engineering	FDP	Suman Sharma, Rajni Idiwal, Kiran Rathi, Mamta Jain	15-19 November, 2021	1 week	30000	
7	Guest Lecture Series			Monthly			

Principal, SKIT

Mukesy.
Prof. Mukesh Arora/6.8.24

HoD, ECE

Collaboration Documents



ICANCT 2022 <icanct2022@skit.ac.in>

Proposal for jointly organizing International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022)

ICANCT 2022 <icanct2022@skit.ac.in>

To: intec.immt@immt.res.in, pavantogapur@immt.res.in

Fri, Dec 10, 2021 at 2:28 PM

T. Pavan Kumar Senior Scientist & Coordinator-MAITRI CSIR-IMMT

Dear Sir.

Greetings from SKIT!!

It gives me immense pleasure to inform you that Department of ECE, Swami Keshvanand Institute of Technology, Management & Gramothan Jaipur, India is going to organize third International Conference on "Advancements in Nano-electronics and Communication Technologies" (ICANCT-2022) to be held on 24-26 February 2022.

This conference aims at presenting current research being carried out in the areas of Communication, Nanoelectronics, Photonics, Wireless Communication, Mobile Communications, Internet of Things, Machine learning and Artificial Intelligence, Antenna and Wave Propagation and VLSI Technology. This scientific dialogue aims to provide a platform where scientists, researchers, academicians, industry experts, new aspirants, as well as students of science and technology can come together and engage in fruitful exchange of views and ideas to pave way in the field of "Nano electronics and Communication Technologies" to find global partners for future collaboration.

The main objective of the conference is to provide a platform to exchange information and new advancements of the concerning fields among different groups. The conference will be organized in online mode.

Therefore, we request you to give your consent to organize the conference in association with CSIR-IMMT:InTEC-MAITRI.

In this regard, we are seeking your permission. Thank you in advance for any comment, idea or suggestion that you can offer towards the success of

Waiting for your positive response

Thanks and Regards

Pooja Choudhary (Co-Convener, ICANCT-2022) Assist. Professor, ECE Department SKIT.M&G Jaipur

Togapur Pavan Kumar <pavantogapur@immt.res.in>

Fri. Dec 10, 2021 at 5:23 PM

Dear Pooja Choudhary,

Appreciate your interest to associate with us through MAITRI in organizing this joint program. We will be happy to associate in conduct of this online event, kindly goahead with the program plan/design and update us for possible support in making it a grand success.

We can also discuss as and when required

Best wishes.

Pavan

Dr T Pavan Kumar, PhD, PGDPL (Patents Law-NALSAR) Senior Scientist - Chemistry & IP

PME / Strategy Planning & Business Development-SPBD

Coordinator- Intellectual Property & Convener - Business Development Convener & Manager - Innovative Technology Enabling Center (InTEC)

Ethics Officer & Secretary - Standing Ethics Committee-SEC

Coordinator-MAITRI; Coordinator -Monthly Dir-Staff Meeting

CSIR-Institute of Minerals and Materials Technology (IMMT) Sachivalaya Marg, Bhubaneswar - 751013

Mobile: 8008105781; Office: 0674-2379294

Email: pavantogapur@immt.res.in / pavantogapur@gmail.com

Swami Keshvanand Institute of Technology Management & Gramothan Ramnagaria, Jagatpura, Jaipur-302 017, Rajasthan, India



Dr. Praveen K Jain <pkjain@skit.ac.in>

Proposal for Jointly organize International Conference and Publishing Partner (Journal: The Institution of Engineers (India): Series B)

1 message

Dr. Praveen K Jain <pkjain@skit.ac.in>
To: rajasthansc@leindia.org
Co: icanct2022@skit.ac.in, saxenagunjan@yahoo.com
Boo: Rukhsar Zafar <Rzafar@skit.ac.in>, Pooja Choudhary <pooja.choudhary@skit.ac.in>

Sat, Dec 4, 2021 at 12:11 PM

Chairman The Institution of Engineers (India) Rajasthan State Centre Jaipur

Dear Sir, Greetings from SKIT!!

It gives me immense pleasure to inform you that Department of ECE, Swami Keshvanand Institute of Technology, Management & Gramothan Jaipur, India is going to organize third International Conference on "Advancements in Nano-electronics and Communication Technologies" (ICANCT-2022) to be held on 24-26 February 2022.

This conference aims at presenting current research being carried out in the areas of Communication, Nanoelectronics, Photonics, Wireless Communication, Mobile Communications, Internet of Things, Machine learning and Artificial Intelligence, Antenna and Wave Propagation and VLSI Technology. This scientific dialogue aims to provide a platform where scientists, researchers, academicians, industry experts, new aspirants, as well as students of science and technology can come together and engage in fruitful exchange of views and ideas to pave way in the field of "Nano electronics and Communication Technologies" to find global partners for future collaboration.

The main objective of the conference is to provide a platform to exchange information and new advancements of the concerning fields among different groups. The conference will be organized in online mode.

Therefore, we request you to give your consent to jointly organize the conference under IE(I), Rajasthan center. It's also requested to be publishing partner for the conference.

In this regard, we are seeking your permission to publish the accepted and presented papers (within the limits of plagiarism) in Journal, The Institution of Engineers (India): Series B

Thank you in advance for any comment, idea or suggestion that you can offer towards the success of the conference.

Waiting for your positive response

Thanks and Regards

Dr. Praveen K Jain
M.Tech.(IIT Roorkee), Ph.D. (MNIT, Jaipur)
NET-JRF, GATE
Professor & Deputy Head
Department of Electronics and Communication Engineering
(Accredited by NBA)
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur
+91-9028652224, praveenjain.spsi@gmail.com

Brochure







INTERNATIONAL CONFERENCE ON

ADVANCEMENT IN NANOELECTRONICS & COMMUNICATION TECHNOLOGIES (ICANCT-2022) (Feb 24-26, 2022)

Jointly Organized by

Department of Electronics and Communication Engineering Swami Keshyanand Institute of Technology, Management & Gramothan, Jaipur

Institution of Engineers (India), Rajasthan State Center, Jaipur

in Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar

CHIEF PATRON

Shri Rajaram Meel

DATRON

Shri Surja Ram Meel, Chairman SKIT Shri Jaipal Meel, Director SKIT

LOCAL ADVISORY COMMITTEE

Prof. S.L. Surana, Director (Academics) SKIT Smt. Rachna Meel, Registrar, SKIT Prof. Ramesh Kr. Panchar, Principal, SKIT Smt. Abba Meel, Advisor, SKIT Prof. R.K. Jain, Dean, SKIT

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Prof. Rohit Mukharjee, Incharge-Ist Year, SKIT Prof. S.K. Bhatnagar, ECE, SKIT Prof. Satyan Vijayvargiya, ECE, SKIT

CONVENERS

Prof. Mukesh Arora, Head OFA & ECE, SKIT Prof. Praveen K. Jain, ECE, SKIT

CO-CONVENERS

Dr. Rukhsar Zafar, ECE, SKIT Mr. Ankit Agarwal, ECE, SKIT Ms. Pooja Choudhary, ECE, SKIT

ORGANIZING SECRETARY

Ms. Gloria Joseph, ECE, SKIT Mr. Lalit Kumar Lata, ECE, SKIT Mr. Neeraj Jain, ECE, SKIT Ms. Suman Sharma, ECE, SKIT

INTERNATIONAL ADVISORY COMMITTEE

Dr. Kishore Kumar Sadasivuni, Qatar University, Qata Dr. Monia Najar, University of Tunis El Manar, Tunis Dr. Yascera Ismail, University of KwaZulu-Natal, SA Dr. Tawfik Ismail, Nile University, Giza, Egypt Dr. Mohammad Shariq, Jazan University, Jazan Dr. Dayanand Kumar, NTU Singapore Dr. Umesh Chand, NUS Singapore

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Mr. Gunjan Saxena, Hony. Chairman, IE RSC
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Prof. Lava Bhargava, NIT Jaipur
Dr. Mukesh Kumar, IIT, Indore
Dr. Jai Narayan Tripathi, IIT Jodhpur
Dr. Sanjeev Kumar Matya, NIT AP

Dr. Shashikant Sharma, HIT Ranchi

About ICANCT 2022

International Conference on Advancement in Nano-electronics and Communication Technologies (ICANCT- 2022) is a three-day conference that aims at presenting current researches being carried out in the areas of Communication, Nanoelectronics, Photonics, Wireless Communication, Mobile Communications, Antenna, and Wave Propagation, Optical Communication, Image Processing, Internet of Things, Machine Learning, Artificial Intelligence, Embedded System and VLSI technology for scientists, scholars, engineers students from the universities, technologists, entrepreneurs and policymakers all around the World, Thus the conference intends to bring together the best minds from around the world to cover literally all aspects of energy technology from a multi-disciplinary perspective.

Scope of the Conference

Mobile & Wireless Networks Communication Engineering Signal and Image Processing Photonics Communication Communication Networks Optical Signal Processing Wireless Communication Artificial Intelligence

IMPORTANT DATES

Deadline for Abstract Submission:15-01-2022Notification of Acceptance:20-01-2022Camera Ready Paper Submission:10-02-2022Registration Close:15-02-2022Conference Dates:Feb 24-26, 2022

PAPER SUBMISSION

Authors can submit abstracts of original research work through easy chair conference management system by using the following link:

https://Easychair.org/cfp/ICANCT2022

Template for abstract can be accessed through this link:

https://icanct.skit.ac.in/authorguidelines.php

All the accepted and registered Papers will be published in Materials Today: Proceedings, indexed in Scopus (Elsevier). Selected papers will be published in the journal (Emergent materials) after peer review process of publisher.

Embedded Systems & VLSI Design Optical Devices & Photonics IoT & Machine Learning Nano Electronic Devices Nano-Medical Devices Integrated Photonics

Nano Composites Image Processing Nano Structures

FEE DETAILS

For PhD / MTech / BTech Students

Indian INR 3500/- Foreigners USD \$50

For PhD / MTech / BTech Students

(IE/ISTE/OSA/IETE Member)

Indian INR 3000/- Foreigners USD \$40

Academicians

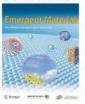
Indian INR 5000/- Foreigners USD \$70

Industry Person

Indian INR 7000/- Foreigners USD \$120

PUBLISHING PARTNERS





For More Information visit:

www.icanct.skit.ac.in

or scan

for further query, mail at icanct2022@skit.ac.in

Schedule









3rd International Conference on

Advancements in Nanoelectronics and Communication Technologies (ICANCT-2022)

Jointly Organized by

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Institution of Engineers (India), Rajasthan State Center, Jaipur

in Association with CSIR-IMMT: InTEC, Bhubaneswar

Schedule of the Conference

4. A.A.	Day 1: February 24, 2022 (Thursday)		
9:30 am-10:30 am	Inauguration of Program Chief Guest: Dr. Deep Jariwala Principal Investigator, Device Research and Engineering Laboratory, University of Pennsylvania, Philadelphia, United States Guest of Honor: Dr. Kishore Kumar Sadasivuni Professor, Center for Advanced Materials, Qatar University & Managing Director, Journal of Emergent Materials (Springer)		
10:30 am- 11:15 am	Keynote Talk-1 Dr. Kishore Kumar Sadasivuni Professor, Center for Advanced Materials, Qatar University Qatar		
11:30 am- 12:15 pm	KeynoteTalk-2		
12:15 pm-1:00 pm	Lunch Break		
1:00 pm-3:30 pm	Paper Presentation Session-1 Session Chair: Dr. Pooja Sharma CFUM-UP, University of Minho CEMMPRE, University of Coimbra, Portugal Paper Presentation ID: 5, 6, 56, 57, 60, 63,71, 85, 99, 117		

	Day 2: February 25, 2022 (Friday)	
	Invited Talk: Dr. Ghanshyam Singh Professor, Department of Electrical and Electronic Engineering, University of Johannesburg, South Africa Paper Presentation Session-2	
09:00 am - 12:00 pm	Session Chair: Dr. Bosky Sharma EPFL, Swiss Federal Institute of Technology Lausanne, Switzerland Paper Presentation ID: 11, 14, 22, 26, 33, 44, 45, 77, 108, 114	
12:00 pm - 12:30 pm		
12:30 pm – 3:30 pm	Invited Talk: Dr. Ankit Goyal University of Amsterdam, Netherland Paper Presentation Session-3 Session Chair: Dr. Neha Sharma University Engineering College, Sarguja University, Chhattisgarh, India Paper Presentation ID: 21, 25, 30, 66, 67, 75, 79, 81, 82, 96, 116	
	Day 3: February 26, 2022 (Saturday)	
9:00 am – 12:00 pm	Invited Talk: Dr. Tawfik Ismail Director of WINC Research Center, Director of Wireless Technology Master Program, Nile University, Egypt Paper Presentation Session-4 Session Chair: Dr. Manoj Jangid University of Michigan, United State Paper Presentation ID: 42, 50, 52, 51, 58, 68, 97, 103, 106, 109, 115	
12:00 pm - 12:30 pm		
12.30 pm – 3:00 pm	Invited Talk: Dr. Umesh Chand Scientist II, Institute of Microelectronics, Agency for Science, Technology and Research (A STAR), Singapore Paper Presentation Session-5 Session Chair: Dr. Amit Singhal Ulster University, United Kingdom Paper Presentation ID: 19, 28, 32, 35, 36, 78, 86, 89, 91, 100	
3.00 pm - 3:30 pm Valedictory Session		

Invitation Letter









3rd International Conference on

Advancements in Nanoelectronics and Communication Technologies (ICANCT-2022)

Jointly Organized by

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Institution of Engineers (India), Rajasthan State Center, Jaipur

in Association with

CSIR-IMMT: InTEC, Bhubaneswar

(Feb 24, 2022 from 09:30 AM Onwards)

Chief Guest

Dr. Deep Jariwala

Principal Investigator, Device Research and Engineering Laboratory, University of Pennsylvania, Philadelphia, United States

Guest of Honor

Dr. Kishore Kumar Sadasiyuni

Professor, Center for Advanced Materials, Qatar University & Managing Director, Journal of Emergent Materials (Springer)

You are cordially invited to join the inaugural ceremony of International Conference on "Advancements in Nanoelectronics and Communication Technologies (ICANCT-2022)".

Please grace the event by your benign presence.

The link to join the event is provided below: https://www.neptu/ (Password for Webex Meeting is "12345") You are requested to please join the event 15 minutes before the scheduled time (i.e. at 9:15 am).

With Regards

Organizing Team

ICANCT-2022

Swami Keshvanand Institute of Technology Management & Gramothan Ramnagaria, Jagatpura, Jaipur-302 017, Rajasthan, India









3rd International Conference on

Advancements in Nanoelectronics and Communication Technologies (ICANCT-2022)

Jointly Organized by

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with

CSIR-IMMT: InTEC, Bhubaneswar

Minute to Minute Program

Inaugural Ceremony		
9:30 am - 9:35 am	Introduction of Event	
9:35 am - 9:40 am	Welcome Note Prof. S. L Surana, Director (Academics), SKIT, Jaipur	
9:40 am - 9:45 am	About IE(I), Rajasthan State Centre Mr. Gunjan Saxena, Chairman IE(I), Rajasthan State Centre	
9:45 am - 9:50 am	About CSIR-IMMT: InTEC Prof. T Pavan Kumar, Senior Scientist, CSIR-IMMT: InTEC	
9:50 am -10:00 am	Motivational Speech by Guest of Honor Dr. Kishore Kumar Sadasivuni, Professor, Center for Advanced Materials, Qatar University & Managing Director, Journal of Emergent Materials (Springer)	
10:00 am -10:20 am	Words of Wisdom by Chief Guest Dr. Deep Jariwala, Principal Investigator Device Research and Engineering Laboratory, University of Pennsylvania, Philadelphia, United States	
10:20 am - 10:25 am	Vote of Thanks Prof Mukesh Arora Head-ECE &OFA, SKIT	
10:25 am -10:30 am	Group Photograph	

List of Invited Guests and Speakers

S. No	Guest/Speakers	Name and Affiliation
1.	Chief guest of Program	Dr. Deep Jariwala Principal Investigator, Device Research and Engineering Laboratory, University of Pennsylvania, Philadelphia, United States
2.	Guest of Honor & Invited Speaker 1	Dr. Kishore Kumar Sadasivuni Professor, Center for Advanced Materials, Qatar University & Managing Director, Journal of Emergent Materials (Springer)
3.	Invited Speaker 2	Dr. Ayşegül Uygun Öksüz Professor, Suleyman Demirel University, Turkey
4.	Invited Speaker 3	Dr. Ghanshyam Singh Professor, Department of Electrical and Electronic Engineering, University of Johannesburg, South Africa
5.	Invited Speaker 4	Dr. Ankit Goyal University of Amsterdam, Netherland
6.	Invited Speaker 5	Dr. Tawfik Ismail Director of WINC Research Center, Director of Wireless Technology Master Program, Nile University, Egypt
7.	Invited Speaker 6	Dr. Umesh Chand Scientist II, Institute of Microelectronics, Agency for Science, Technology and Research (A STAR), Singapore
8.	Session Chair 1	Dr. Pooja Sharma CFUM-UP, University of Minho CEMMPRE, University of Coimbra, Portugal
9.	Session Chair 2	Dr. Bosky Sharma EPFL, Swiss Federal Institute of Technology Lausanne, Switzerland
10	Session Chair 3	Dr. Neha Sharma University Engineering College, Sarguja University, Chhattisgarh, India
11.	Session Chair 4	Dr. Manoj Jangid University of Michigan, United State
12.	Session Chair 5	Dr. Amit Singhal Ulster University, United Kingdom

Consent of the Speakers



Dr. Praveen K Jain <pkjain@skit.ac.in>

Invitation to be the "Guest of Honour" to grace the inaugural ceremony of International Conference on "Advancements in Nano-Electronics and Communication Technologies" (ICANCT-2022) on 24th February, 2022 at 9:30 AM (IST) (online Mode: Cisco-Webex Platform)

4 messages

Dr. Praveen K Jain <pkjain@skit.ac.in> To: dmj@seas.upenn.edu Thu, Feb 10, 2022 at 8:15 PM

Prof. Deep Jariwala Principal Investigator Electrical and System Engineering University of Pennsylvania

Greetings from SKIT, Jaipur!!!

Reference Prof. Prayeen Kumar-IACS Kolkata

It gives us immense pleasure to inform you that the Department of Electronics and Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT,M&G), Jaipur, India is going to organize a 3rd International Conference on "Advancements in Nano-Electronics and Communication Technologies" (ICANCT-2022) on 24th -26th February, 2022.

Weblink of Conference: www.icanct2022.skit.ac.in

About Institute: Our institute, Swami Keshvanand Institute of Technology, Management & Gramothan has been ranked as No. 1 Engineering college of Rajasthan by RTU, Kota. It was established in the year 2000. SKIT is putting in efforts for making industry-ready engineers and managers through effective Industry-Institute Interface. Apart from University curriculum SKIT also pursues activities for research and development in various fields. Web-link: www.skit.ac.in

I feel honored to invite you to be the GUEST of HONOUR at the inaugural ceremony of ICANCT 2022 (Webex Platform) on 24th February 2022 at 9:30 AM to 10:30 AM (IST).

I request you to accept our invitation and motivate the participants as the Guest of Honour (15-20 Minute)

Thanks and regards

 Mon, Feb 14, 2022 at 6:19 PM

Dr. Jain,

I confirm and accept the invitation.

Do I need to present with powerpoint slides or just an oral speech? Please let me know what is required of me.

Deep

 $https://mail.google.com/mail/u/D/?ik=fb0eee7a8a\&view=pt\&search=all&permthid=thread-a%3Ar8084177808088774154\&simpl=msg-a%3Ar91948... \ \ 1/2 (1.2 - 1$

3/3/22, 1:24 PM

Swami Keshvanand Institute of Technology Mail - Invitation to be the "Guest of Honour" to grace the inaugural ceremony of Int...

Deep Jartwala
Assistant Professor
Department of Electrical and Systems Engineering
University of Pennsylvania
Office: 360, Levine Hall
847-708-4755 (M)/ 215-746-4380 (O)
Skype: deep.jartwala. Zoom ID: 780-756-2373

https://jarlwala.seas.upenn.edu/ [Quoted text hidden]

Dr. Praveen K Jain <pkjain@skit.ac.in>

Mon, Feb 14, 2022 at 6:53 PM

To: Deep Jariwala <dmj@seas.upenn.edu>

Thank you sir

As you will be an honoured guest of the inaugural ceremony, so it is not necessary that you have to use PPT. You have to just brief the theme of the conference and current aspects. But if you want to share something with participants using ppt, then it's not a problem. I mean it is upto you how you brief the content (15-20 minutes).

problem. I mean it is upto you how you brief the content (15-20 minutes).
I also want to share with you that Dr. Kishore Kumar Sadasivuni, Professor, Center for Advanced Materials, Qatar University,
Qatar and Managing Director, Journal of Emergent Materials (Springer) will also be a guest of the program. He will speak for (5-10 minutes).
I will share a minute to minute schedule of the program and link to join the session 2 days before the event.

Thanking you



Dr. Praveen K Jain <pkjain@skit.ac.in>

Link for Joining Session (ICANCT 2022)

2 messages

Dr. Praveen K Jain <pkjain@skit.ac.in> To: kishorkumars@qu.edu.qa Tue, Feb 22, 2022 at 9:37 AM

Prof. Kishore Kumar

Greetings from SKIT Jaipur.

Thanking you for accepting our request to be Guest of Honor in the Inaugural ceremony of the International Conference ICANCT-2022.

Please find attached herewith the links for joining the session and minute to minute program.

Date: 24th February 2022

Time: 9:30 AM (Indian Standard Time) Link for joining session as Panelist:

https://skitjaipur.webex.com/skitjaipur/onstage/q.php?MTID=ee62fdffff97a3ac14ac608df4f710010

Password:123456

Mail ID: kishorkumars@qu.edu.qa

Please join 10 minutes before the scheduled time for checking audio and video quality.

If any technical issue occurs then join as attendee, host will make you panelist.

Link for attendee:

https://skitjajpur.webex.com/skitjajpur/onstage/q.php?MTID=e86b4c7e297658123cc801a1e49984147

Password: 12345

Thanks and regards

Invitation for expert lecture in ICANCT 2022

Aysegul Uygun <aysegul.uygun@yahoo.com>

Wed, Jan 19, 2022 at 1:48 AM

To: "ayseguluygun@sdu.edu.tr" <ayseguluygun@sdu.edu.tr>, ICANCT 2022 <icanct2022@skit.ac.in>

Dear Organizing Team

thank you very much for your kind invitation.

Plese could you find attached abstract and bio docs.

Kind regards

Aysegul Uygun Oksuz

Dr Aysegul Uygun Oksuz Sulevman Demirel University

Faculty of Arts and Science

Department of Chemistry

32260 Isparta/TURKEY

ayseguluygun@sdu.edu.tr

aysegul.uygun@yahoo.com

Amit Singhal <amit9460@gmail.com>
To: "Dr. Praveen K Jain" <pkjain@skit.ac.in>

Thu, Feb 24, 2022 at 5:44 PM

Dear sir,

Thank you very much for the invitation. I am honoured to be a session chair.

Best regards Amit



Dr. Amit Kumar Singhal Research Associate Tel: +447570664290 E: singhal-a@ulster.ac.uk * : @vish_amitks



Dr. Praveen K Jain <pkjain@skit.ac.in>

Link for Joining Session and Abstract Details (For Session Chair)

1 message

Dr. Praveen K Jain <pkjain@skit.ac.in> To: boskiisharma@gmail.com Tue, Feb 22, 2022 at 12:29 PM

Dr. Bosky Sharma

Dear Madam

Greetings from SKIT Jaipur.

Thanking you for accepting our request to be session chair in the conference ICANCT-2022. Please find attached herewith the links for joining the sessions and schedule of the conference. I am also attaching the abstract of the paper presentation session-2 in which you are the session chair.

Please join as panelist link, if any technical issue occurs then join as attendee, host will make you panelist.

Thanks and regards

Link for Joining Session and Abstract Details (For Session Chair)

9 messages

Dr. Praveen K Jain <pkjain@skit.ac.in>
To: manojcct@gmail.com, manojj@umich.edu

Tue, Feb 22, 2022 at 12:36 PM

Dr. Manoj Jangid

Dear Sir

Greetings from SKIT Jaipur.

Thanking you for accepting our request to be session chair in the conference ICANCT-2022. Please find attached herewith the links for joining the sessions and schedule of the conference. I am also attaching the abstract of the paper presentation session-4 in which you are the session chair.

Please join as panelist link, if any technical issue occurs then join as attendee, host will make you panelist.

Thanks and regards

Swami Keshvanand Institute of Technology Management & Gramothan Ramnagaria, Jagatpura, Jaipur-302 017, Rajasthan, India

Manoj Jangid <manojj@umich.edu>
To: "Dr. Praveen K Jain" <pkjain@skit.ac.in>
Cc: manoj google account <manojcct@gmail.com>

Wed, Feb 23, 2022 at 5:26 AM

Dear Praveen,

Thank you for inviting me to chair the session and your sharing the details of the conference programs.

I would need a small information about the my session. Do I need to evaluate the presentations? It would nice if you share the details of the presenters, their topics and biosketch (if that really needed). Moreover, if any other special instructions from your side, please let me know.

Looking forward.

Best,

Manoj

[Quoted text hidden]



ICANCT 2022 <icanct2022@skit.ac.in>

Invitation for expert lecture in ICANCT 2022

Singh, Ghanshyam <ghanshyams@uj.ac.za> To: ICANCT 2022 <icanct2022@skit.ac.in> Sat, Jan 22, 2022 at 4:21 PM

Dear Dr Rukhsar,

Thank for the email. Please find the attached my brief biograph. However, the graphical Abstract will share soon with you.

The topic of my keynote is: 6G Communication Systems: Potential Key Driver and Open Research Challenges

With best regards,

Prof. Ghanshyam Singh, (Ph D, IIT BHU)
Professor,
Department of Electrical and Electronics Engineering Science
Faculty of Engineering and the Built Environment
Auckland Park Kingsway Campus, University of Johannesburg,
PO Box 524, Johannesburg 2006, South Africa

B2 Lab 27

Tel.: +27 11 559 3879 Email: ghanshyams@uj.ac.za

https://www.uj.ac.za/contact/Pages/Prof.%20Ghanshyam%20Singh.aspx

The great teacher is not the man who supplies the most facts, but the one in whose presence we become different people. - Ralph Waldo Emerson

Prof. Ghanshyam Singh

Professor: Electronics and Communication Engineering & Director: Center for Smart Information and Communication Systems
Electrical and Electronic Engineering Science
PhD (IIT BHU)

Link for Joining Session and Abstract Details (For Session Chair)

4 messages

Dr. Praveen K Jain <pkjain@skit.ac.in> To: poojamnit2014@gmail.com Tue, Feb 22, 2022 at 12:12 PM

Dear Madam Greetings from SKIT Jaipur.

Thanking you for accepting our request to be session chair in the conference ICANCT-2022. Please find attached herewith the links for joining the sessions and schedule of the conference. I am also attaching the abstract of the paper presentation session-1 in which you are the session chair.

Please join as panelist link, if any technical issue occurs then join as attendee, host will make you panelist.

Thanks and regards

--

Invitation for expert lecture in ICANCT 2022 (SKIT Jaipur)

Tawfik Ismail <tismail@cu.edu.eg> To: ICANCT 2022 <icanct2022@skit.ac.in> Tue, Jan 18, 2022 at 3:12 PM

Dear Sir,

This is my bio with recent photo. The graphical abstract will send you soon.

Dr. ISMAIL (Senior Member, IEEE) had postdoctoral research in optical and wireless communications with the Technical Institute of microwave and Photonic Engineering, University of Graz, Austria, in 2015. In 2018, he joined the Optical Wireless Communication research group, Department of Engineering and Sciences, University of Oxford, U.K., to work in the research of quantum communication in free space. In addition, he has established and led a research group for optical and wireless communications at Cairo University, Egypt. He is currently the Director of Wireless Intelligent Networks Research Center (WINC), Nile University. He also holds an associate professor position with the National Institute of Laser Enhanced Sciences, Cairo University. Since 2014, he has been with several research projects funded nationally by NTRA, ASRT, STDF, and ITIDA, Egypt, and internationally by InnoveUK, U.K. In addition, he has research stays at the Technical Institute of Microwave and Photonic Engineering, University of Graz; The American University in Cairo, Egypt; Cairo University; and Malaviya National Institute of Technology, India. Dr. ISMAIL is an author or co-author of over 90 publications (Scopus indexed), he maintains an active research agenda in the areas of optical wireless communication, quantum key distribution, millimeter-wave, mobile edge computing, integrated LTE/LTE-M for IoT applications, and tracking system.

Kind Regards,

Tawfik Ismail, PhD, SMIEEE

Associate Professor, School of Engineering and Applied Sciences, Nile University, Egypt.

Email: tismail@nu.edu.eg

https://www.scopus.com/authid/detail.url?authorid=36009912100

Swami Keshvanand Institute of Technology Management & Gramothan Ramnagaria, Jagatpura, Jaipur-302 017, Rajasthan, India

Consent from Publication Partner



Greetings!!

On behalf of the Emergent Materials Journal, Springer, we would like to appreciate and extend kind regards towards organizing committee of International Conference on Advancement in Nanoelectronics and Communication Technologies (ICANCT2022) to be held between 24th-26th February, 2022 for conferring us with the chance of this gratifying association. We would also like to thanks all the participants for submitting and sharing their significant work & findings. This association has successfully brought together innovative ideas, multidisciplinary sciences and some creative collaborations.

The organizing committee has done a great job in hosting the International Conference ICANCT 2022 and thank you for the high level, and professional service.

S. Come Com

Warm regards,

Dr. Kishor Kumar Sadasivuni,

Managing Editor, Emergent Materials, Springer.

SmartNanoSolutions Group Leader,

http://www.smartnanosolutions.ga/

Center for Advanced Materials,

Building H10, Zone 6, Room E133, Qatar University, Qatar.

M: +97450580237 T: +97444036686

Email: kishorkumars@qu.edu.qa





----- Forwarded message ------

From: Materials Today Proceedings Editorial <mtproceedings@elsevier.com>

Date: Mon, Dec 20, 2021, 9:40 PM

Subject: MATPR - Proposal Accepted - ICANCT 2022

To: Dr. Praveen K Jain spraveenjain.spsl@gmail.com>, pkjain@skit.ac.in pkjain@skit.ac.in>

Cc: Conference Proceedings (ELS) <conferenceproceedings@elsevier.com>

@Ema:

Conference dates: 24-26 Feb 2022 Portal opening earliest: 15 April 2022

Close: 30th June 2022

Dear Dr Jain.

Thank you very much for sending your proposal for a proceedings issue to MT Proceedings. We are pleased to accept your proposal. Please note that publication of your conference proceedings remains conditional upon meeting the requirements set out below.

For all correspondence going forward, please quote the short conference name in the subject line.

Conditions of publication:

We only open the Editorial Manager portal after the conference has concluded (we no longer publish conference proceedings ahead of the conference taking place). Guest editors must also provide:

- 1. A copy of the conference programme;
- 2. A list of accepted abstracts.

Copies of these documents should be sent to mtproceedings@elsevier.com with the conference short name in the subject line. Once approved, the portal will be opened according to the initially agreed timeline.

List of Paper Accepted

S. No.	Paper Id	Title of Paper
1	5	A Brief Account of Man, Material and Manufacturing: On The Timeline.
2	6	Implementation of Cognitive Radio Networks for Optimum Spectrum Utilization Through Feed Forward Backpropogation Artificial Neural Network
3	11	Vehicle Antitheft Mechanism Using IOT
4	14	Printable Perovskite Based Solar Cell With Optimum Electrical and Optical Properties
5	19	Color Quantization Using Partition Based Clustering Techniques: A Comparative Study
6	21	A Pentagonal-Shaped Slot Two Port MIMO Antenna for Sub 6 GHz 5G Wireless Applications
7	22	Human Face Recognition and Age Estimation with Machine Learning: A Critical Review and Future Perspective
8	25	Review on Miniaturized Flexible Wearable Antenna with SAR Measurement for Body Area Network
9	26	Wireless EMG Controlled Prosthetic Hand
10	28	A Smart Sensor using MEMS Technology for Artificial Environmental Monitoring
11	30	An Insight of Polymer Based Flexible Patch Antenna for Wireless and IOT Applications
12	32	Key Facial Points Recognition using RESNET
13	33	A Comparative Study of Different Materials used for Solar Photovoltaics Technology
14	35	Estimation of Optimized Window Size for Hybridized KNN-Random Forest Algorithm Based Image Demosaicing
15	36	When UAV and Ad-Hoc NOMA-BS Meets in Disaster: A Scheduling and Mode Selection Approach

16	42	Energy Management System for DC Microgrids
17	44	Impact of Natural Dye from Leaf of Plectranthus Amboinicus on the Recitation of Dye Sensitized Solar Cell
18	45	Thermal Potential Porous Materials and Challenges of Improving Solar Still using Tio2/Jackfruit Peel - Enhanced Energy Storage Material
19	50	Localizing Mobile Nodes in WSNS using Neural Network Algorithm
20	52	Design, Simulation and Analysis of Nanostructures for Low Power Devices
21	56	Dielectric and Ferroelectric Behaviour of MWCNT/Poly Urethane Composite
22	57	Fabrication and Characterization of Homogenous and Functionally Graded Glass Fiber Reinforced Polymer Composites
23	58	Supervised Classification Model for Estimation of Wear in Sisal Fibre- Epoxy Composites
24	60	Supercapacitive Behavior of Polypyrrole Thin Film Prepared by Electrodeposition Technique and Characterization
25	63	Performance Analysis of Saliency Detection in Images
26	66	Giuseppe Peano Fractal Loaded Multiband Antenna using Parasitic Strips for Thz Applications
27	67	Fractal Segmented Lotus Shape Planar Monopole Antenna for Multiband Applications
28	68	Effect of Dielectric Thickness on MgZnO Thin Film Transistor Characteristics
29	71	A 30uw Low Power and High Speed of Hardware Accelerator for Wireless Body Sensor Network (WBSN) in 28nm Stacked Silicon Technology
30	75	A Paper on Microstrip Patch MIMO Antenna for 5G Applications
31	77	Marine Predators Algorithm for Performance Optimization of Nanoscale FINFET

32	78	Applications of Graph Coloring in Various Fields
33	79	Low Pass Filter Using Metamaterial
34	81	A Cavity Model Microwave Patch Antenna For Lubricating Oil Sensor Applications
35	82	Design of Two Element MIMO Antenna for ISM Band Application
36	85	Tailoring the Dielectric Properties of PVDF/PMMA Blends
37	86	Quantum Dot Cellular Automata using A One-Bit Comparator for QCA Gates
38	89	Design of Quaternary MIN and MAX Circuits using Graphene Nanoribbon Field Effect Transistors
39	91	Square Ring Resonator based Refractive Index Plasmonic Sensor
40	96	Product Based Sentiment Analysis Using Logistic Regression
41	97	Optical Gain Analysis and Process Sequence Optimization for the Gaas Based Nanoscale Quantum Well Structure
42	99	Electrical Properties of SnO2 Doped PVDF/PMMA Polymer Blend
43	100	Parametric Data-Driven Optimization Approach on Plasmonic Based Ring Resonator
44	101	A Novel Selection Method Based on LUT For Approximating Adder Circuits.
45	103	Low Power Voltage Differencing Transcondutance Amplifier using Carbon Nano Tube Field Effect Technology.
46	106	Influence of High-K Dielectric Material on the Electrical Performance of A-IGZO Thin Film Transistor
47	107	Effects of Channel Length and Gate Dielectric Material on Electrical Properties of an IGZO TFT

48	108	Efficient Designs of High Speed Combinational Circuits and Optimal Solutions using 45-Degree Cell Orientation in QCA Nanotechnology
49	109	Engineering of Unique Co/Co3O4 Core/Shell Nanostructures for High Performance Supercapacitors
50	114	Investigation of Photocurrent Efficiency of Cs2TiBr6 Double Pervoskite Solar Cell
51	115	Effect of Tiw Blocking Layer and Temperature Annealing on Resistive Switching Parameters of Hafnium Oxide Based CBRAM Device

Objective and Outcome of the event

Objective of the Conference:

- Provide a good learning platform to the students, research scholars and faculty to
 exchange views and share information with National and International experts
 who are deeply involved in research in the field of Nanoelectronics and
 Communication technologies.
- Encompasses latest research outcomes in the form of theoretical models, environmental impact, security and defense technology, innovative designs, enhancements and improvements in existing frameworks, sustainable technological advancement, societal welfare etc.
- Intends to bring together the best minds from around the world to cover literally all aspects of energy technology from a multi-disciplinary perspective
- The scientific event will comprise of key-note talks, oral presentations, and a session for special research outcomes.

Outcomes:

The conference was an initiative to provide a common platform for researchers working in the field of nanotechnology and communication to share knowledge and ideas for technological advancements. The participants were able to understand the need of today to combine different ideas of researchers working in different domains to develop cost-effective and reliable technology for day-to-day life. This conference brought a positive transformation in the participant's attitude about their research work and get them more focused as well as result oriented. Conference provided an ideal environment to develop new collaborations and meet experts on the fundamentals, applications, and products of the mentioned fields.

Technical Report

International Conference on Advancement in Nano-electronics and Communication Technologies (ICANCT-2022) is a three day conference that aims at presenting current researches being carried out in the areas of Communication, Nanoelectronics, Photonics, Wireless Communication, Mobile Communications, Antenna and Wave Propagation, Optical Communication, Image Processing, Internet of Things, Machine Learning, Artificial Intelligence, Embedded System and VLSI technology for scientists, scholars, engineer students from the universities, technologists, entrepreneurs and policymakers all around the World. Thus the conference intends to bring together the best minds from around the World to cover literally all aspects of energy technology from a multi-disciplinary perspective.

The Inaugural ceremony of three day International Conference on Advancements in Nano electronics and Communication Technologies was held in online mode at Swami Keshvanand Institute of Technology, Management & Gramothan Jaipur. The conference was jointly organized by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur & Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT: InTEC, Bhubaneswar. The inaugural ceremony was graced by the benign presence of the chief guest Dr. Deep Jariwala, Principal Investigator, Device Research and Engineering Laboratory, University of Pennsylvania, Philadelphia, United States, the guest of honour Dr. Kishore Kumar Sadasivuni Professor, Centre for Advanced Materials, Qatar University, Dr. Ayşegül UYGUN ÖKSÜZ, Professor, Suleyman Demirel University, Turkey, Mr. Gunjan Saxena, Chairman, IE(I) Rajasthan state centre and Prof. T. Pavan Kumar, Senior Scientist, CSIR-IMMT.

Dr. S. L. Surana, Director (Academics) welcomed all the guests and briefed the theme of conference. He also emphasized about the importance and relevance of the theme in current scenario. Mr. Gunjan Saxena, highlighted the core objectives of the conference and schemes offered by IE(I). Prof. T Pavan Kumar put light on the initiative of MAITRI program. Dr. Jariwala enlightened the audience with the emerging research and technique in the related field and highlighted that how nanoelectronics is making the life of human being very comfortable and communication technologies is leading the world with ultra-fast data transfer in few milliseconds. Dr. Kishore Kumar Sadasivuni shed light on different type of nanosensors. He discussed about the recent work being done in his lab. He exemplified exhaled breath biomarker for diagnosis of diabetes and wearable skin patch for glucose detection from the sweat. At the end of inaugural ceremony, Dr. Mukesh Arora, Head-ECE proposed the vote of thanks. Dr. Aysegül presented the design methods of chemical micro-motors. The first session of oral presentation was chaired by Dr. Pooja Sharma, CFUM-UP, University of Minho, CEMMPRE, University of Coimbra, Portugal. Total 10 papers were presented in the first day of this conference. Ms. Gloria Joseph hosted the inaugural session.

Commencement of second day was enthusiastic and informative. On the second day Dr. Ghanshyam Singh, Professor, Department of Electrical and Electronic Engineering, University of Johannesburg, South Africa delivered the expert talk on 6G Communication Systems: Potential key driver and open research challenges. He talked about 6G communication systems basics, performance metrics, and application scenarios. He described the 6G vision in near future and market dynamics. At last he focused on driving factors for 6G industry, Key features and research initiative into 6G Communication. Dr. Praveen Kumar Jain Dy. HOD, ECE SKIT and Dr. Rukhsar Zafar chaired the session under which 10 papers were presented.

After the break Dr. Ankit Goyal, University of Amsterdam, Netherland shared his knowledge on Photophysical properties of Inorganic Perovskite Nanocrystals. He started his expert talk by introducing basics of Bluer PL Emission, Halides, Photoluminescence Quantum Yield (PLQY) and their synthesis methods. He described the PL Spectroscopy, Photoluminescence Quantum Yield measurements of Green emitting large CsPbBr₃ nanocrystals and Blue green emitting small sized CsPbBr₃ nanocrystals. He also focused on the synthesis process and Micro-Raman-PL Spectroscopy. Lanthanide doping especially Yb³ in Lead Halide Perovkites are under intense research due to enhanced optical properties like photoluminescence quantum yield >100 % in near-infrared region. It suggests that more Yb could lead to even higher quantum yield. Creation of more defects in the lead halide perovskites during synthesis could lead to higher Yb doping. In the subsequent session of day 2 session was chaired by Dr. Neha Sharma, University Engineering College, Sarguja University, Chhattisgarh, India under which 10 papers were presented.

The last day of the conference was opened up with the much awaiting session of Prof. Tawfik Ismail, Director of WINC Research Center, Nile University, Egypt. Dr. Ismail enlightened about RF/Optical Wireless Telemetry for Active Implantable Neural Platform with Data Compression. Moving along the day, a total of 11 papers presented under the session was chaired by Dr. Manoj Jangid, University of Michigan, United State.

The last session of the conference was quite knowledge enriching and was taken by Dr. Umesh Chand, Scientist II, Institute of Microelectronics, Agency for Science, Technology and Research (A STAR), Singapore who shed light on what is beyond the smart – Advance technologies. He discussed about smart health platform and neural interfaces. He also highlighted the ways to achieve both the miniaturization and diversification.

The last session was chaired by Dr. Amit Singhal, Ulster University, United Kingdom under which total 11 papers were presented.

The valedictory function was graced by benign presence of the honored guests Dr. Umesh Chand Scientist II, Institute of Microelectronics Agency for Science, Technology and Research (A STAR), Singapore. Dr. Chand also congratulated the team-ICANCT 2022 for successfully organizing the conference and highlighted the importance of the theme of ICANCT 2022 in present context.

Prof. Mukesh Arora, Head, ECE (SKIT) welcome the guest and enthused the gathering with his motivational words.

Total six knowledge boosting invited sessions were organized in the conference. The speakers were Dr. Kishore Kumar Sadasivuni, Professor, Center for Advanced Materials, Qatar University Qatar, Dr. Ayşegül Uygun Öksüz Professor, Suleyman Demirel University, Turkey, Dr. Ghanshyam Singh, Professor, Department of Electrical and Electronic Engineering, University of Johannesburg, South Africa, Dr. Ankit Goyal University of Amsterdam, Netherland, Dr. Tawfik Ismail Director of WINC Research Center, Nile University, Egypt and Dr. Umesh Chand Scientist II, Institute of Microelectronics, Agency for Science, Technology and Research (A STAR), Singapore.

Total 52 research papers were presented during this 3 day international conference.

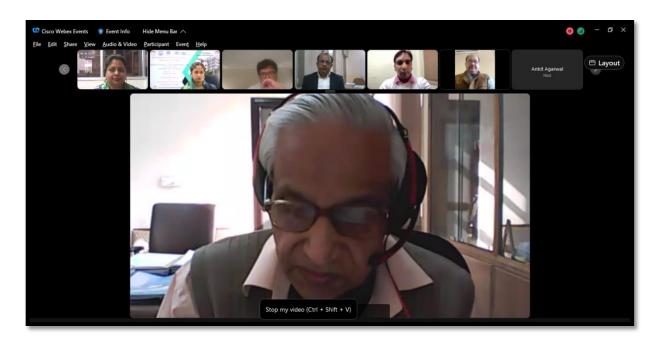
Dr. Praveen K. Jain, Convener, ICANCT 2022 presented a brief report of conference and Mr. Ankit Agarwal, Assistant Professor-SKIT thanked all the participants and experts for the resounding success. He extended thanks to Management of SKIT for their enormous cooperation in the organization of this event. Then he thanked Conveners - Dr. Mukesh Arora, Dr. Praveen Kr. Jain, Co-conveners: Dr. Rukhsar Zafar, Ms. Pooja Choudhary, Mr. Ankit Agarwal, Secretary: Ms. Gloria Jospeh, Mr. Lalit Kr. Lata, Ms. Suman Sharma, Mr. Meeraj Jain, National and International advisory Committee and the technical committee who started rolling the wheels weeks ago.

They have shown that, faith can move mountains. It requires planning and a bird's eye for details. We have been fortunate enough to be backed by a team of very motivated and dedicated colleagues of electronics and communication department, SKIT who know their job and are result oriented.

He emphasized that it was a it was a life-long learning for all participants. The ICANCT 2022 is proved as a great beneficial exposure for the participants as they are enlightened with the most widely used advanced tools, strategies and techniques.

---Thank You----

Screenshots of the Event











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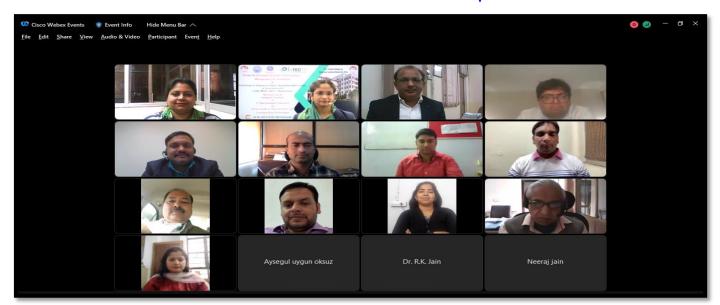
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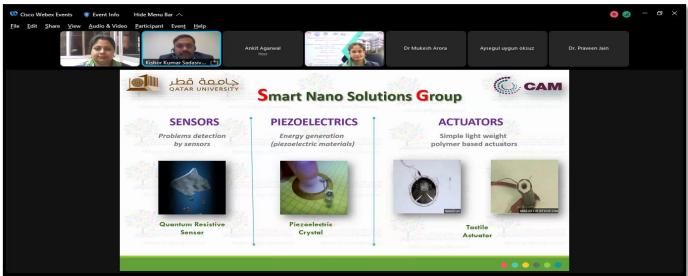




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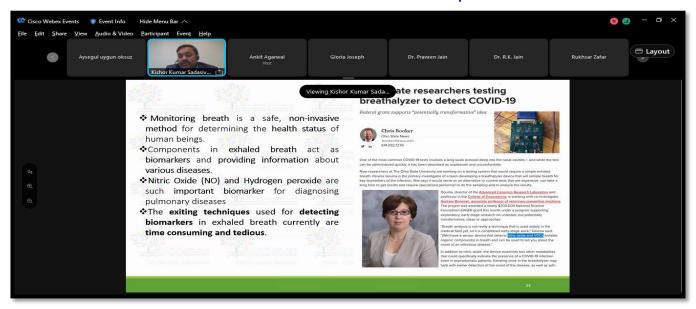
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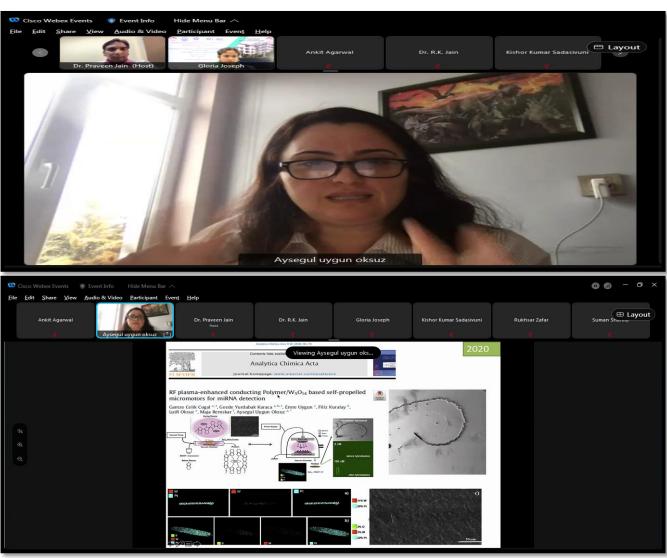






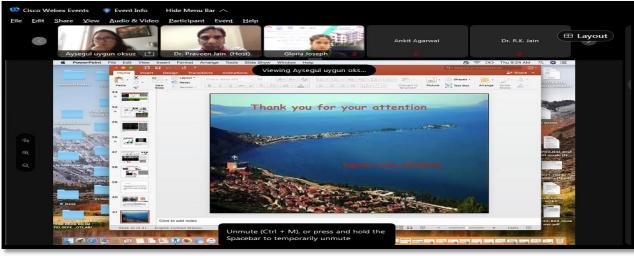
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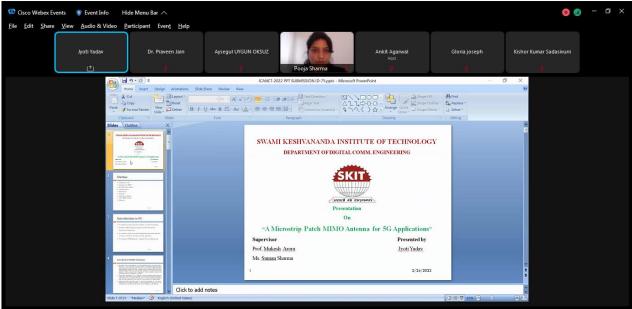




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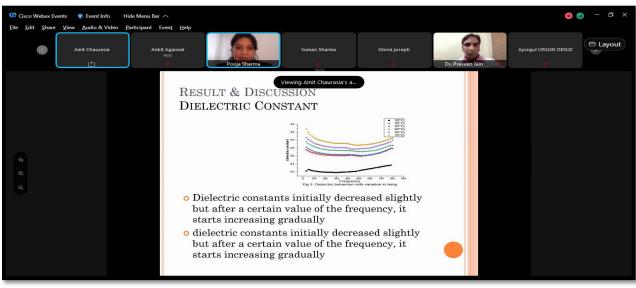


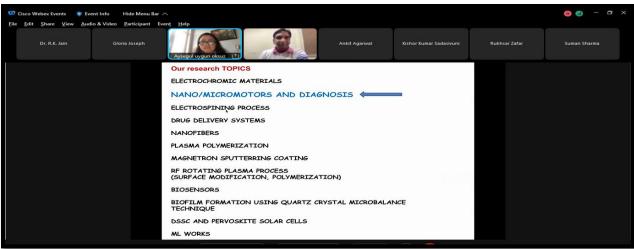




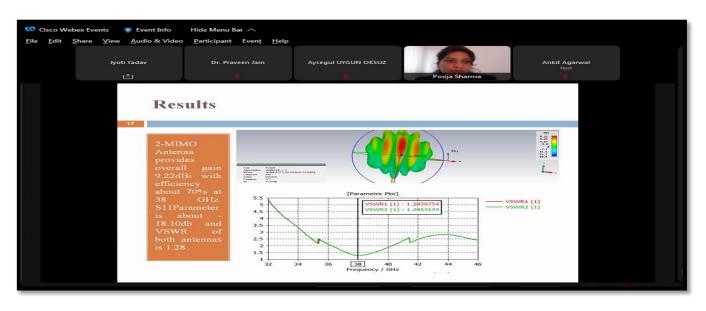
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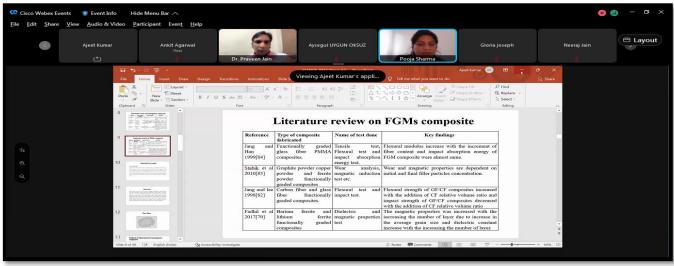


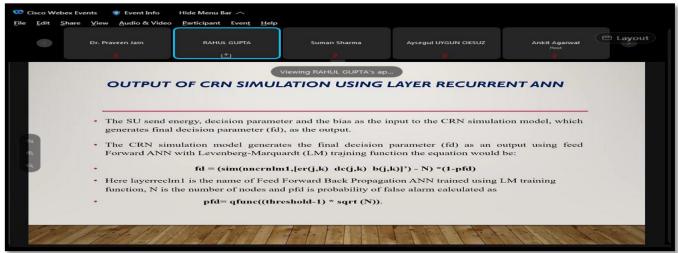




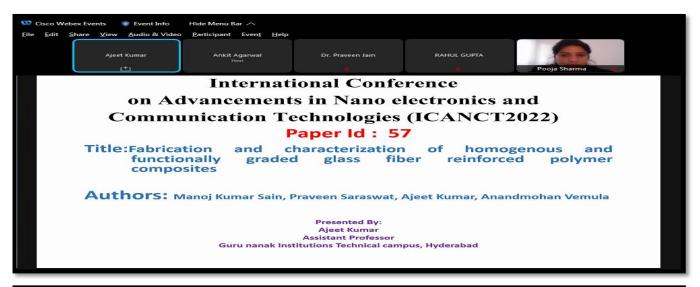
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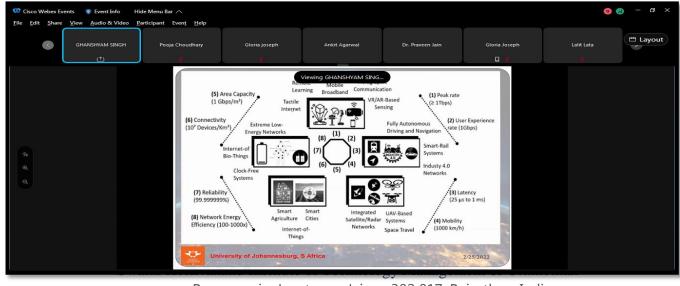




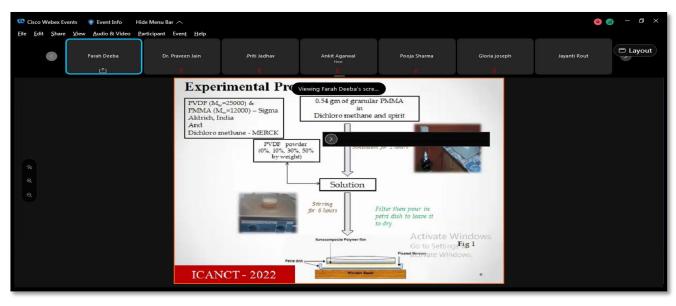
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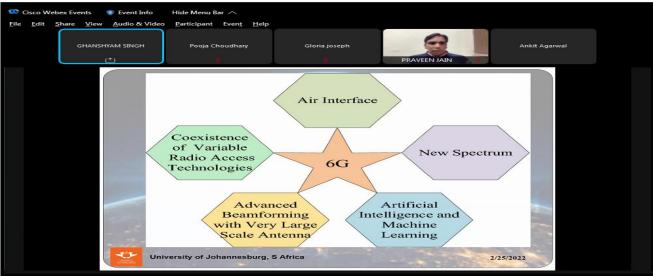


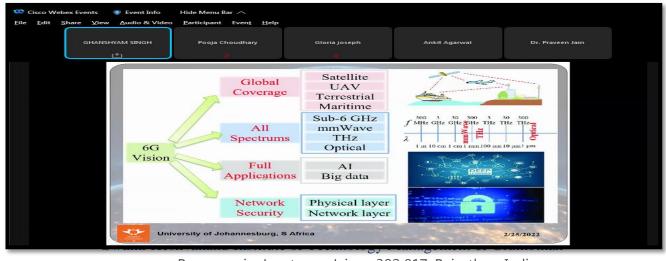




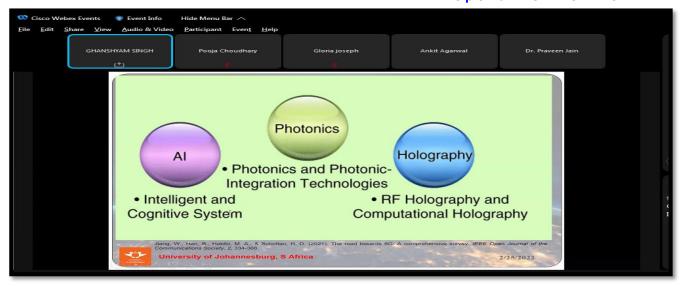
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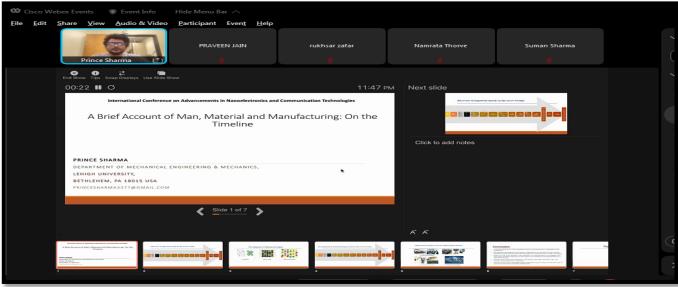
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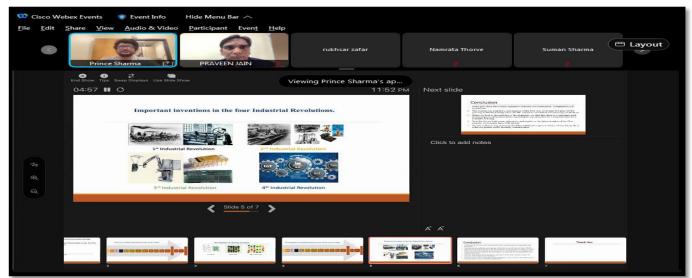




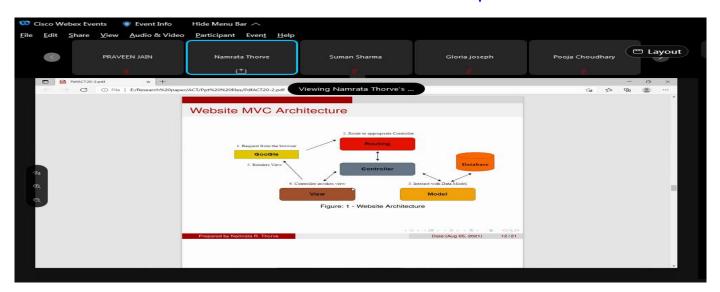


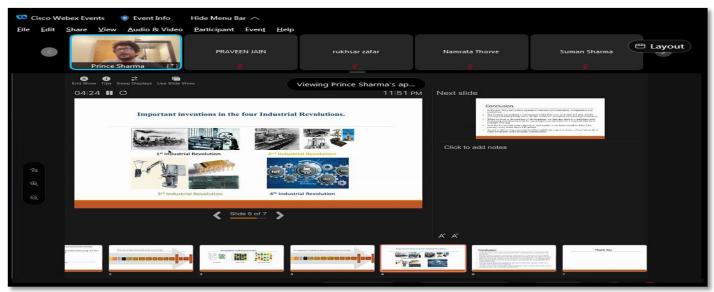


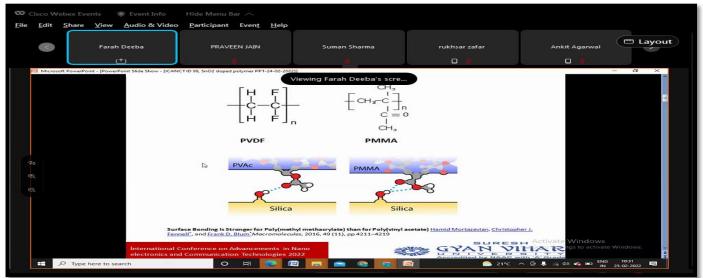




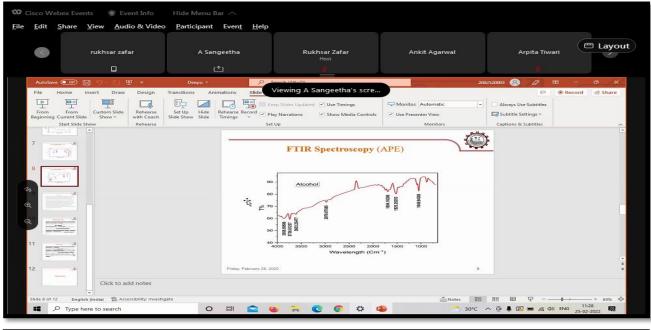
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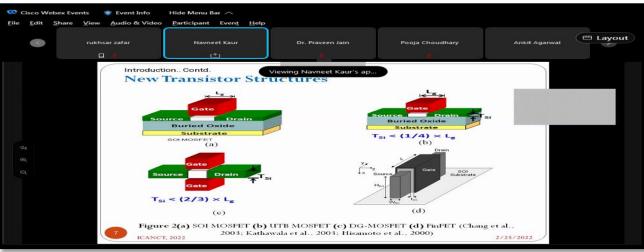


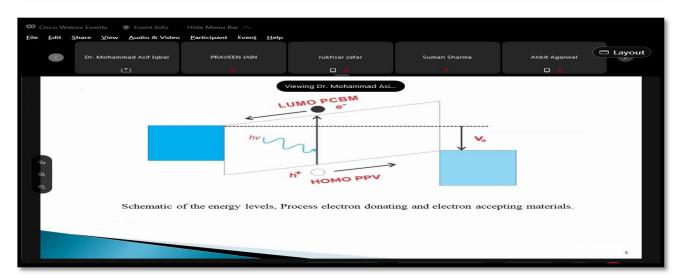




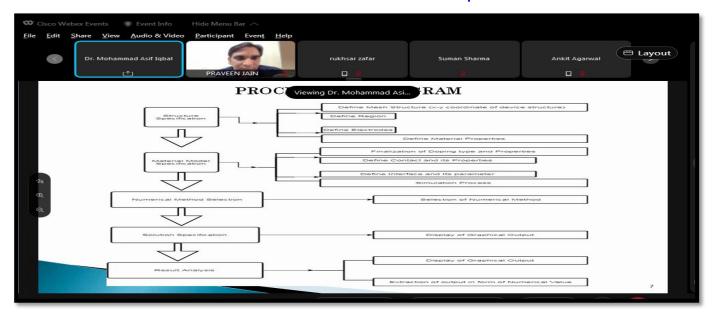
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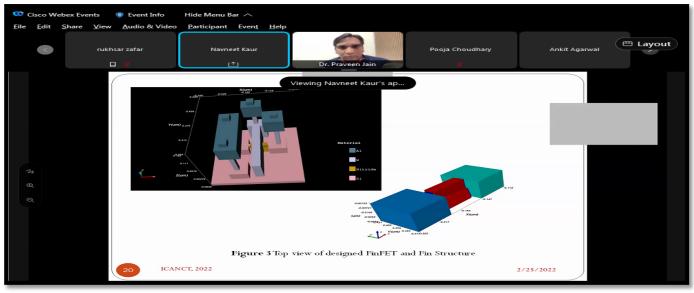






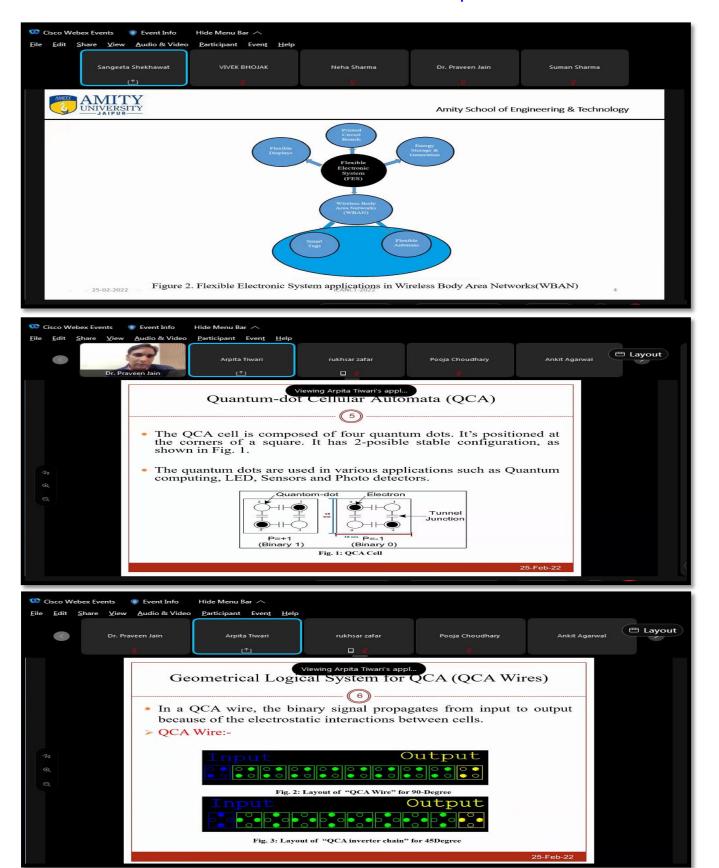
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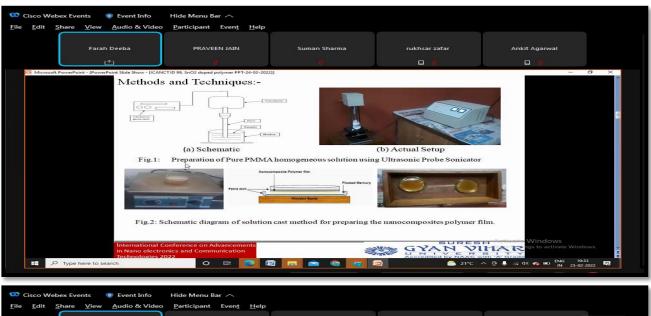


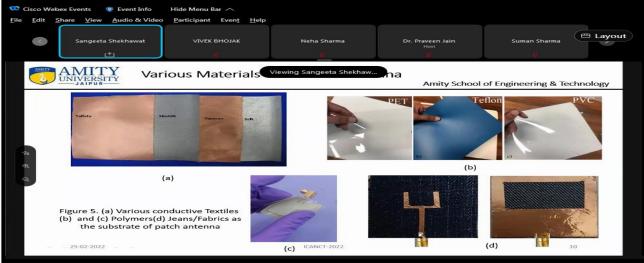


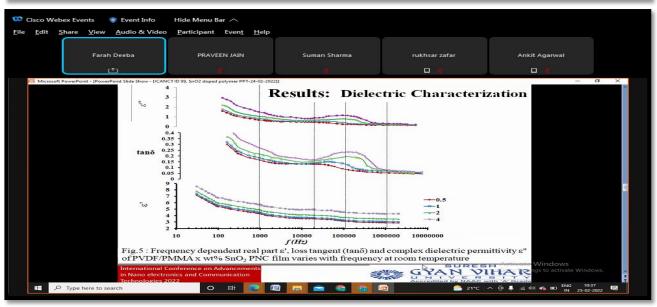
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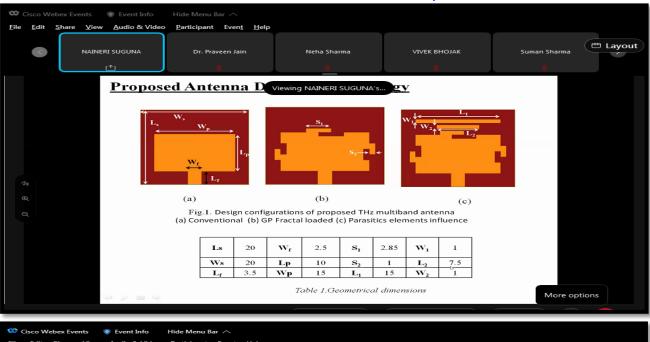
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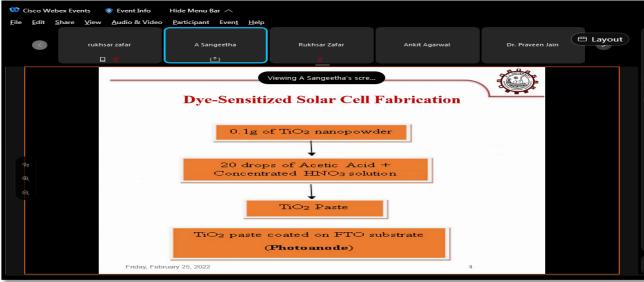


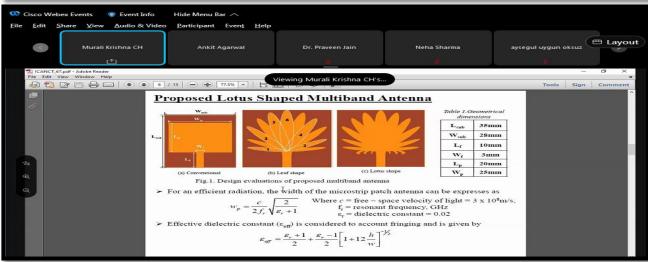




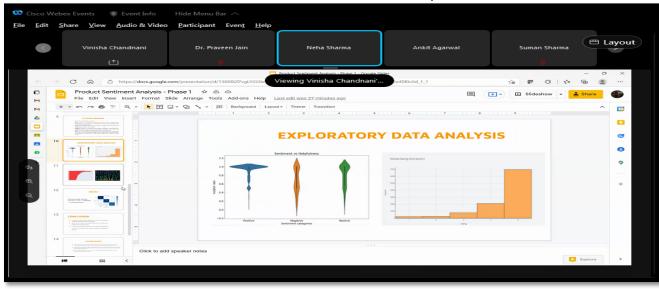
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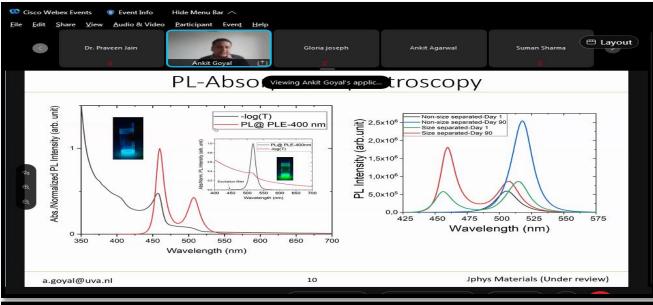


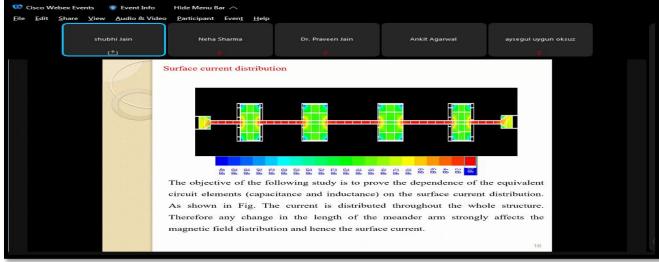




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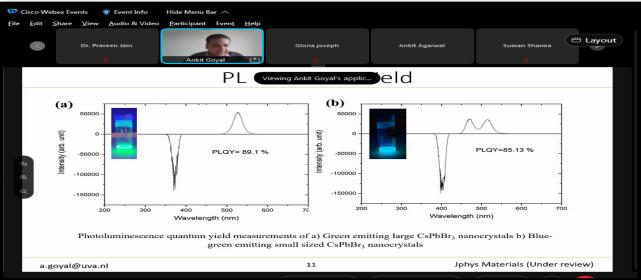


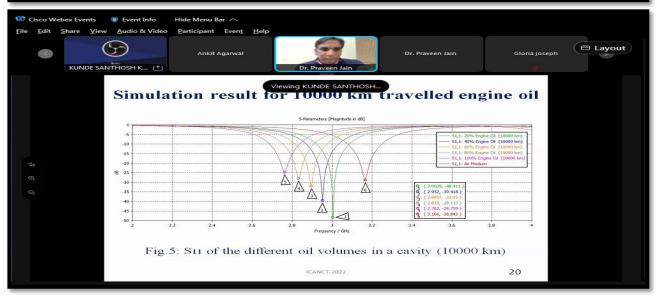




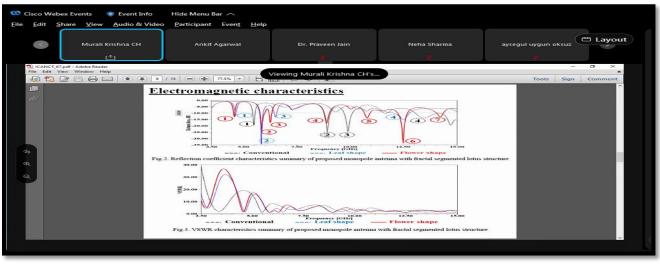
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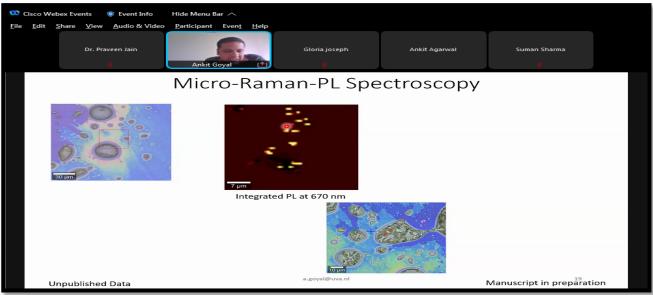






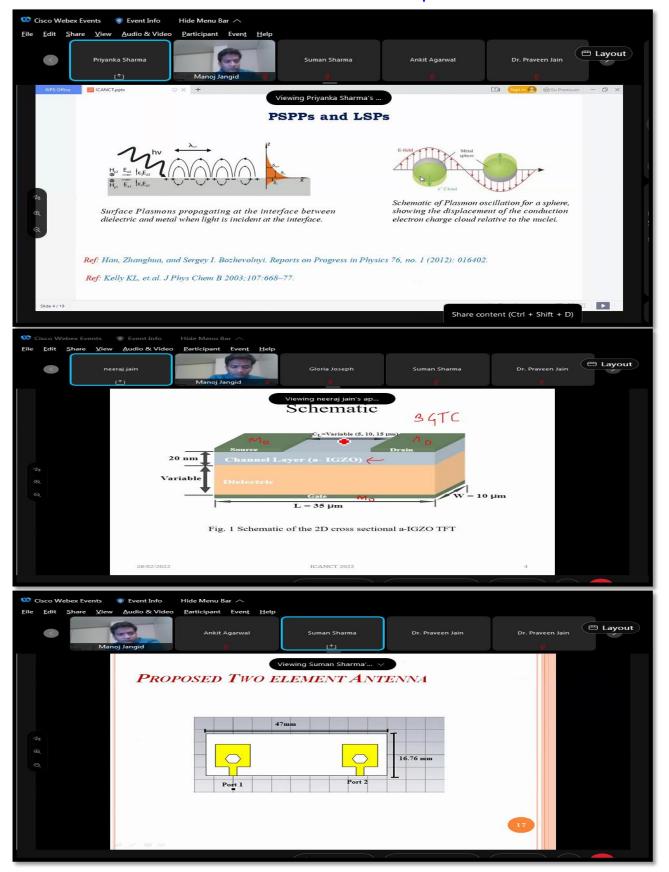
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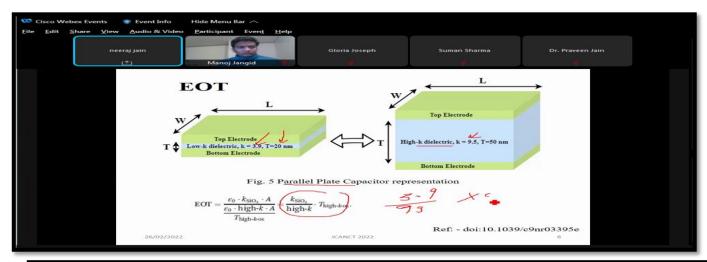


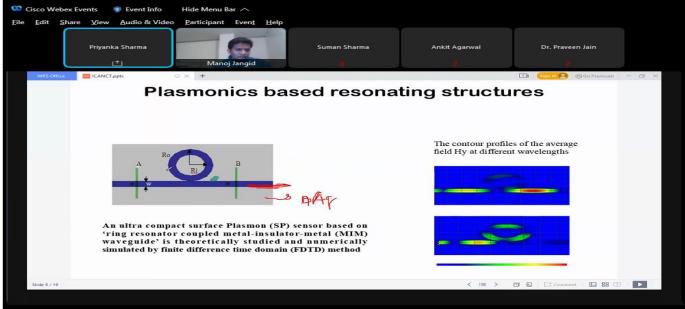


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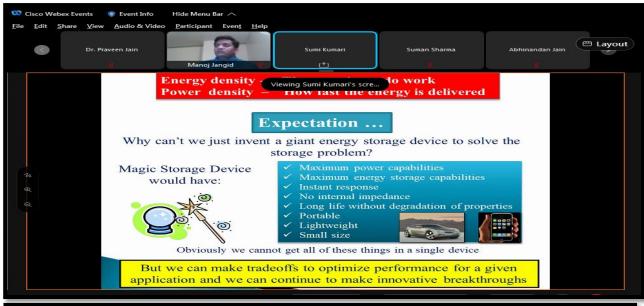
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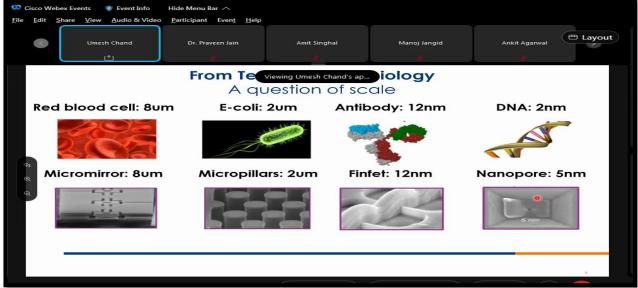


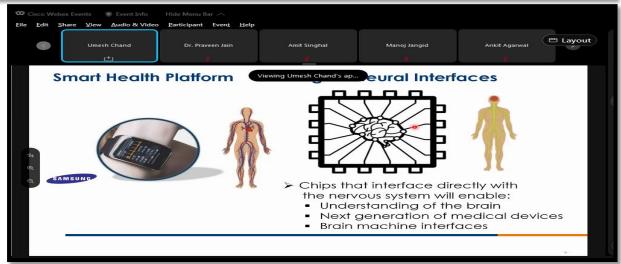




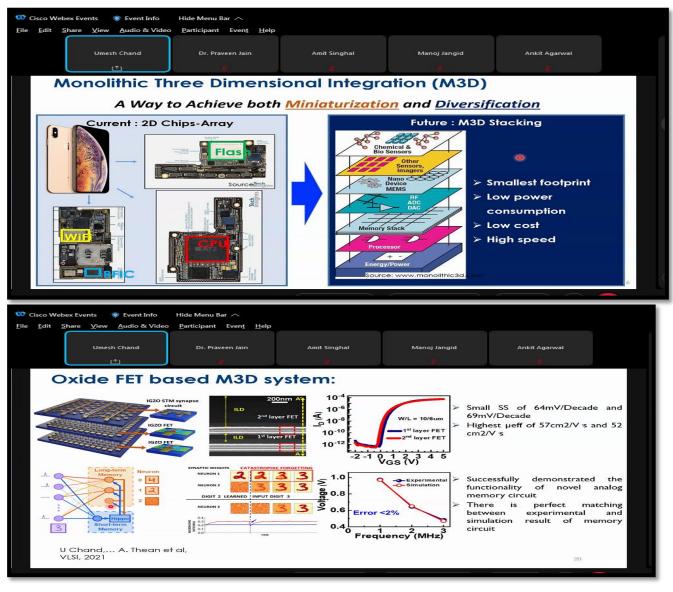
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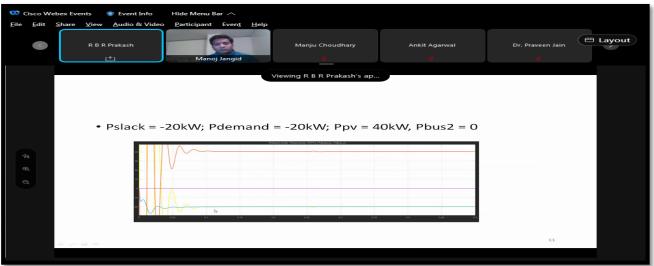






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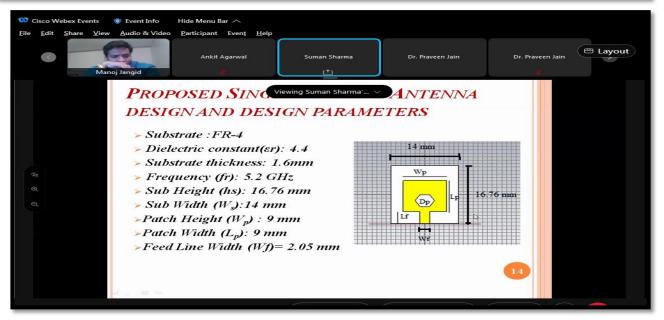




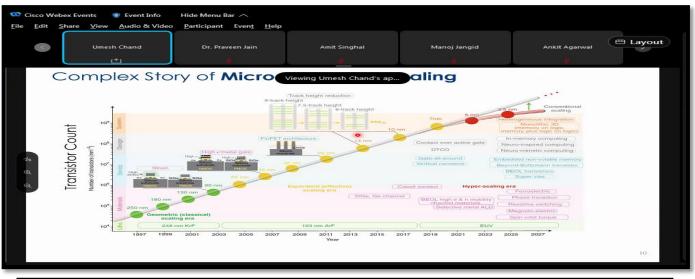
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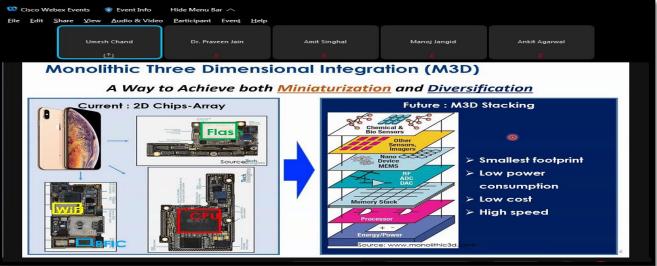


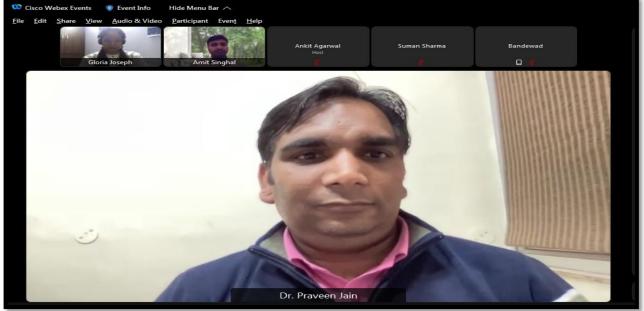




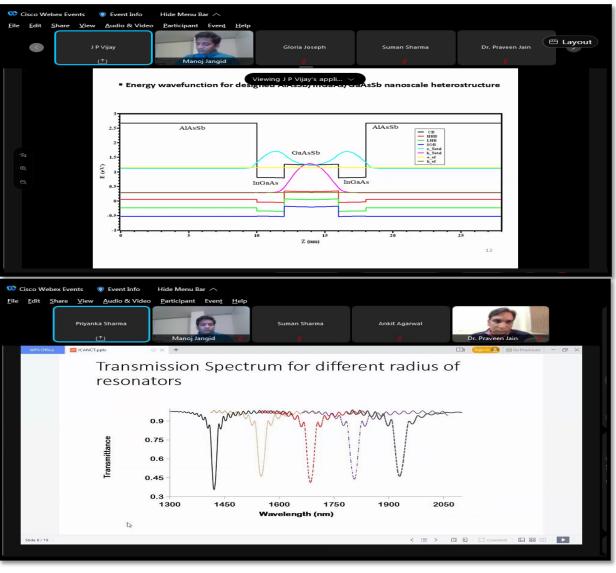
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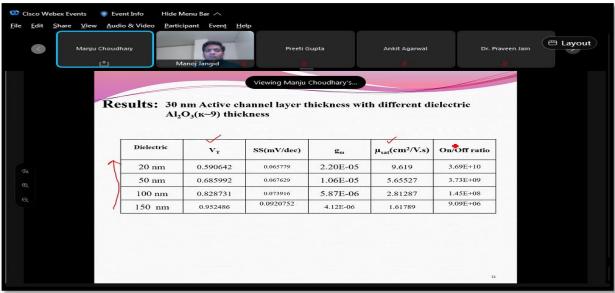




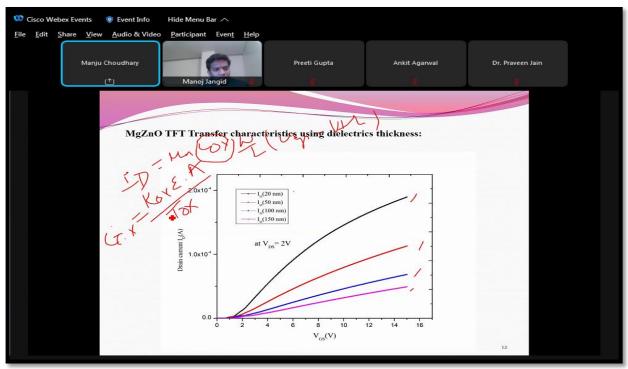


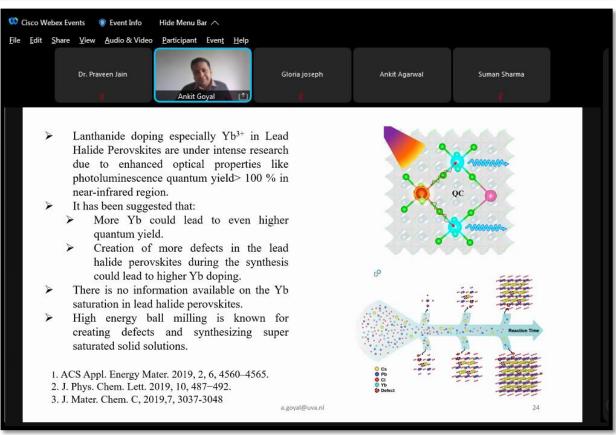
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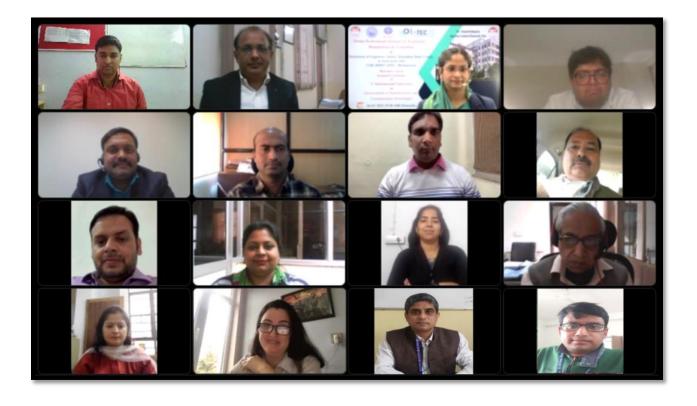




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Sample Copy of Certificate

Best Paper Presentation Certificate









INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN
NANOELECTRONICS & COMMUNICATION TECHNOLOGIES (ICANCT-2022)
February 24-26, 2022

Best Paper Presentation

This is to certify that Mr. SATISH THADANI of Sage University, Indore, MP has received the best paper presentation award for presenting a paper titled as "Applications of Graph Coloring in various fields" in session 5 in the International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022) held on February 24-26, 2022 jointly organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (India) and Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar.











Participation Certificate









INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN
NANOELECTRONICS & COMMUNICATION TECHNOLOGIES (ICANCT-2022)
February 24-26, 2022

Certificate of Participation

This is to certify that MS. SUMI KUMARI of University College of Engineering, Rajasthan Technical University, Kota has participated and presented a paper on "Engineering of Unique Co/Co304 core/shell Nanostructures for High Performance Supercapacitors" in the International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022) held on February 24-26, 2022 jointly organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (India) and Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar.



S. d. Swegna Dr. S. L. Surana



Dr. Mukesh Arora Convener, ICANCT

Dr. Praveen K. Jain Convener, ICANCT

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Session Chair Certificate









INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN NANOELECTRONICS & COMMUNICATION TECHNOLOGIES (ICANCT-2022)
February 24-26, 2022

Certificate of Appreciation

This is to certify that Dr. Pooja Sharma, CFUM-UP, University of Minho, CEMMPRE, University of Coimbra, Portugal, has contributed as Session Chair in the International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022) held on February 24-26, 2022 jointly organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (India) and Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar.











Invited Talk Certificate









INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN
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February 24-26, 2022

Certificate of Appreciation

This is to certify that Dr. Kishore Kumar Sadasivuni, Professor, Center for Advanced Materials, Qatar University, Qatar has delivered an invited talk on "Point of Care visual sensing technologies for medical diagnostics and Food Quality Analysis" in the International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2022) held on February 24-26, 2022 jointly organized by Department of Electronics & Communication Engineering, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur (India) and Institution of Engineers (India), Rajasthan State Center, Jaipur in Association with CSIR-IMMT: InTEC-MAITRI, Bhubaneswar.



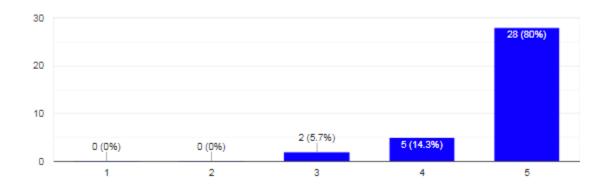
S. d'Swegna Dr. S. L. Surana Director (Academics) Dr. Ramesh K. Pachar Principal Dr. Mukesh Arora

Convener, ICANCT

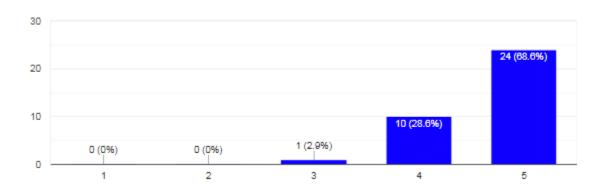
Dr. Praveen K. Jain Convener, ICANCT

Feedback report

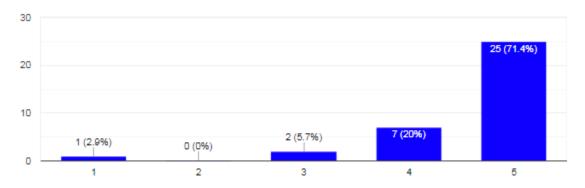
1. Your experience about the International Conference.



2. Overall, how do you rate the program you attended in terms of usefulness and effectiveness?

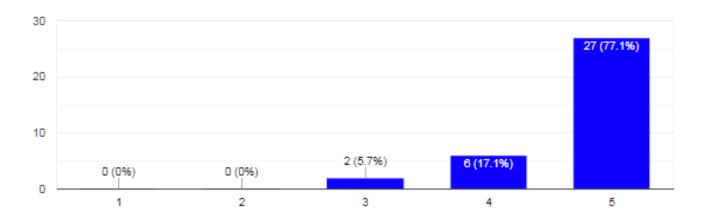


3. How do you rate the content of the Conference?



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4. About speakers of Conference



5. Knowledge gained by the conference

How to do next level of my work related to Research

new research work in materials technology

Very knowledgable and well systematic

Different research areas

Motivate to research more.

Invited talks given by experts

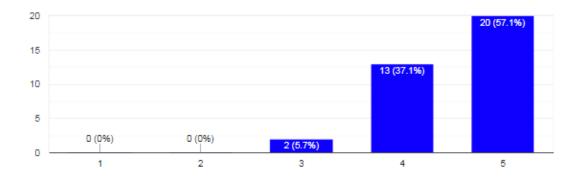
Various other multidisciplinary application of nano-Science is exposed.

Recent Advancements in the domain

6. Topic that can be covered in the next conference?

Ternary Logic, GNRFET, CNTFET, On-chip Interconnects, and Through Silicon Vias
MVL logics
Nano Antennas
Automation
VLSI signal processing
Application of nano Technology in Communication System
IoT and Machine Learning
Nano Electronics
Solar Energy

7. Relevancy of topics



8. How do you plan to share the gained knowledge/skill with your colleagues who did not attend the program?



9. The most liked Session is:

1st day session
Umesh sir
2nd day session-2
Umesh chand
Dr. Tawfik Ismail
Speaker
Invited Talk Dr. Ankit Goel
Session 2 of day 2
Dr Umesh CHand, Singapore

10. Suggestions

offline conference
Excellent conference
excellent
Organize an international conference based on cyber security
share the ppt and contact details of all speakers at my mail id viveksec@gmail.com
Organise in future such conference as well
Very good conference in future i want to join this conference in offline mode

Media Coverage



नैनो इलेक्ट्रॉनिक्स पर कांफेंस शुरू



खबरों की दुनिया

स्वामी केशवानंद जयपुर। इंस्टीट्यूट ऑफ टेक्नोलॉजी में एडवांसमेंट्स इन नैनो इलेक्ट्रॉनिक्स एंड कम्यनिकेशन टेक्नोलॉ बीवीजी तीन दिवसीय अंतर्राष्टीय कॉन्फेंस का उद्घाटन ऑनलाइन मोड में आयोजित किया गया । सम्मेलन का आयोजन से संयक्त एस.के.आई.टी.जयपुर और इंस्टीट्युशन ऑफ इंजीनियर्स (इंडिया) राजस्थान स्टेट सेंटर. जयपुर द्वारा सीएसआईआर आईएमएमटीः इनटेक भुवनेश्वर के सहयोग से किया जा रहा है। कार्यक्रम के उद्घाटन समारोह में मुख्य अतिथि डॉ. दीप जरीवाला, विशिष्ट अतिथि डॉ. किशोर कुमार सदाशिवनी, डॉ. आयसेगुल, गुंजन सक्सेना, और प्रो टी पवन कमार उपस्थित रहे। कार्यक्रम की शरुआत में संस्था के एकेडमिक डायरेक्टर डॉ. एस.एल. सुराणा ने सभी

अतिथियों का स्वागत किया और सम्मेलन की विषय वस्त के बारे में जानकारी दी। उन्होंने परिदुश्य में नैनो इलेक्ट्रॉनिक्स के महत्व और प्रासंगिकता पर जोर दिया। गंजन सक्सेना ने सम्मेलन के उद्देश्यों द्वारा योजनाओं पर प्रकाश डाला। प्रो. टी. पवन कमार ने मैत्री प्रोग्राम की पहल पर प्रकाश डाला। डॉ. जरीवाला ने संबंधित क्षेत्र में उभरते अनसंधान और तकनीक के साथ पार्टिसिपेंट्स को प्रबद्ध किया और इस बात पर प्रकाश डाला नैनोइलेक्टॉनिक्स मानव जीवन को आरामदायक बना रहा है और संचार प्रौद्योगिकियां कुछ मिलीसेकंड में अल्ट्रा-फास्ट डेटा ट्रांसफर के साथ दनिया का नेतत्व कर रही हैं। डॉ. किशोर कुमार सदाशिवनी ने विभिन्न प्रकार के नैनो सेंसर पर प्रकाश डाला। उन्होंने हाल ही में अपनी लैब में किए जा रहे कार्यों के बारे में चर्चा की।

एसकेआईटी मे तीन दिवसीय अंतर्राष्ट्रीय कॉन्फ्रेंस का उद्घाटन समारोह

P3 Police Public Politics

जयपुर ! स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथन जयपुर में ÷एडवांसमेंट्स इन नैनो इलेक्ट्रॉनिक्स एंड कम्युनिकेशन टेक्नोलॉजी÷ पर तीन दिवसीय अंतर्राष्ट्रीय कॉन्फ्रेंस का उद्घाटन समारोह ऑनलाइन मोड में आयोजित किया गया । सम्मेलन आयोजन संयुक्त रूप से एस.के.आई.टी.जयपुर और इंस्टीट्युशन ऑफ इंजीनियर्स (इंडिया), राजस्थान स्टेट सेंटर, जयपुर द्वारा सीएसआईआर -आईएमएमटी- इनटेक भवनेश्वर के सहयोग से किया जा रहा है। कार्यक्रम के उद्घाटन समारोह में मुख्य अतिथि डॉ. दीप जरीवाला. (प्रिंसिपल इन्वेस्टिगेटर. डिवाइस रिसर्च एंड इंजीनियरिंग लेबोरेटरी. यनिवर्सिटी ऑफ पेनसिल्वेनिया, फिलाडेल्फिया, संयुक्त राज्य अमेरिका), विशिष्ट अतिथि डॉ. किशोर कुमार सदाशिवनी (प्रोफेसर, सेंटर फॉर एडवांस्ड मटेरियल कतर यूनिवर्सिटी), डॉ. आयसेगुल उयगुन ह्यस्लं, (प्रोफेसर, सुलेमान डेमिरल विश्वविद्यालय, तुर्की), श्री गुंजन सक्सेना, (अध्यक्ष, आईई (आई) राजस्थान राज्य केंद्र) और प्रो टी पवन (वरिष्ठ वैज्ञानिक. क्मार. सीएसआईआर-आईएमएमटी) उपस्थित रहे। कार्यक्रम की शुरुआत में संस्था के एके डिमक डायरेक्टर डॉ. एस.एल. सराणा ने सभी अतिथियों का स्वागत



किया और सम्मेलन की विषय वस्तु के बारे में जानकारी दी। उन्होंने वर्तमान परिदृश्य में नैनो इलेक्ट्रॉनिक्स के महत्व और प्रासंगिकता पर जोर दिया। श्री गुंजन सक्सेना ने सम्मेलन के मुख्य उद्देश्यों और हृश्च(हु) द्वारा प्रस्तावित योजनाओं पर प्रकाश डाला।

प्रो. टी. पवन कुमार ने MAITRI प्रोग्राम की पहल पर प्रकाश डाला। डॉ. जरीवाला ने संबंधित क्षेत्र में उभरते अनुसंधान और तकनीक के साथ पार्टिसिपेंट्स को प्रबुद्ध किया और इस बात पर प्रकाश डाला कि कैसे नैनोइलेक्ट्रॉनिक्स मानव जीवन को आरामदायक बना रहा है

और संचार प्रौद्योगिकियां कुछ मिलीसेकंड में अल्ट्रा-फास्ट डेटा ट्रांसफर के साथ दुनिया का नेतृत्व कर रही हैं। डॉ. किशोर कुमार सदाशिवनी ने विभिन्न प्रकार के नैनो सेंसर पर प्रकाश डाला। उन्होंने हाल ही में अपनी लैब में किए जा रहे कार्यों के बारे में चर्चा की। उन्होंने मधमेह के निदान के लिए एक्सहेल्ड ब्रीथ बायोमार्कर और पसीने से ग्लुकोज का पता लगाने के लिए पहनने योग्य त्वचा पैच का उदाहरण दिया। उद्घाटन समारोह के अंत में, विभागाध्यक्ष डॉ. मुकेश अरोडा ने धन्यवाद ज्ञापित किया। डॉ. आयसेगल ने रासायनिक माइक्रो-मोटर्स के डिजाइन विधियों को प्रस्तुत किया। रिसर्च पेपर प्रस्तुति के पहले सत्र की सेशन चेयर डॉ. पूजा शर्मा, सीएफयूएम-युपी. मिन्हो विश्वविद्यालय. सीईएमएमपीआरई. कोयमबरा विश्वविद्यालय, पुर्तगाल ने की। इस सम्मेलन के पहले दिन कुल 10 शोधपत्र प्रस्तुत किए गए। उद्घाटन सत्र का संचालन ग्लोरिया जोसेफ ने किया