A Report on International Conference on Advancements in Nanoelectronics and Communication Technologies (ICANCT-2021)

4th to 6th February, 2021

Sponsored by

The Institution of Electronics and Telecommunication Engineers

Indian Society for Technical Education

IEEE-MTT SKIT Student Chapter

Institution of Engineers (India)

Optical Society of America-SKIT Student Chapter

Convenors:

Prof.(Dr.) Mukesh Arora
Head, ECE Department

Prof.(Dr.) Praveen Kumar Jain
Dy-Head, ECE Department

Co-Convenors:

Dr. Monika Mathur **Dr. Rukhsar Zafar** **Dr. Swati Arora**

Organizing Secretaries:

Dr. Shubhi Jain **Ms. Rajni Idiwal** **Ms. Priyanka Sharma** **Mr.Ravi Jangir**

Host Institute

Department of Electronics and Communication Engineering

Swami Keshvanand Institute of Technology Management &Gramothan, Jaipur

Report of ICANCT-2021

International Conference on Advancements in Nanoelectronics and Communication Technologies (ICANCT-2021)

4th to 6th February, 2021

Title of the activity:

International Conference on Advancements in Nanoelectronics and Communication Technologies (ICANCT-2021)

Introduction:

This conference aims at presenting current researches being carried out in the areas of Communication, Nano electronics, 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.

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.

a. Program detail:

Three-day International Conference on "Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2021) is being organized by Department of Electronics and Communication Engineering of Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT), Jaipur (India) during Feb 04-06, 2021. It is conducted on

Webex online platform. In this conference, out of 41 papers, 35 papers were selected. Over 100 participants from different institutes all over the world took part in this conference.

In the inaugural session, Dr. R.K.Soni, Director, ATAL Academy, AICTE, New Delhi was the chief guest. Our guests of honour were **Dr. Kishore Kumar Sadasivuni**, Professor, Center for Advanced Materials, Qatar University, Qatar& Managing Director, Journal of Emergent Materials (Springer) and **Dr. Badrul Hisham Ahmad**, Professor, Universiti Teknikal Malaysia (UTeM), Malaysia. The conference began with the welcome address by **Prof. (Dr.) Mukesh Arora,** Head ECE Deptt, SKIT M& G in his speech he talked about the importance of nanoelectronics and communication technologies as these are the main pillars of most of the present research, industrial and commercial activities.

Prof. (Dr.) S.L.Surana, Director (Academics), SKIT M&G highlighted the achievements of SKIT. **Dr. Praveen Kumar Jain**, Dy-head ECE Deptt, SKIT M& G imparted a note about the conference. After this, glimpses of ICANCT-2020 were presented. In the Inauguration **Prof.(Dr.) S.K. Bhatnagar**, Director (Research), SKIT was also present.

Dr. Kishore Kumar Sadasivuni and **Dr. Badrul Hisham Ahmad** enlighted all of us with motivational speech about this conference.

Dr. Kishore Kumar Sadasivuni delievered a keynote address on a speech on non-enzymatic sensor to detect diabetes by monitoring acetone level in human breath. . He showed that piezoresistive sensor has excellent sensitivity proving that it can be used in our daily routine. Polymer based composites having water absorbent properties are used as hydrogels in agriculture to monitor the water needs of the plants and to allow safe release of the fertilizers. He presented a review on the methods used for the fabrication of current advanced sensors.

Dr. Badrul Hisham Ahmad discussed about low temperature co-fired ceramic (LTCC) technology, its usage and applications in RF equipments, sensors, embedded passive component devices, rugged packaging, actuators, etc. It has opened a new dimension to device fabrication.

Dr. Yaseera Ismail delievered an expert talk on quantum communication in which it was specified that Quantum Key Distribution (QKD) is based on a physical process of ensuring the security information through the transmission of quantum carriers in the form of single photons. Single photons are transmitted via a quantum channel that can be

either free-space of an optical fibre. A secure key is created from the key distribution process. This shifts the paradigm away from a mathematical approach towards a physical approach of ensuring the security of information. She explored the development towards a quantum communication network.

After the break, in the first session of the first day, **Prof. (Dr.) S.K.Bhatnagar**, Director (Research), SKIT M&G and **Dr. Monika Mathur** chaired the session under which 5 papers were presented. Participants asked queries about the presented contents.

Commencement of second day was enthusiastic and informative. On the second day of conference, second expert talk was delievered by **Dr. Heena Rathore**, Assistant Professor, University of Texas, San Antonio, USA. She described about the advances in new machine learning algorithms, such as reinforcement learning, leveraged to stabilize and diminish the rate of propagation in pandemic situations. A commonly cited proposal for relaxing social-distancing measures is an on-off pulsed-signal approach, where some restrictions are lifted when the number of new cases requiring intensive care is below a threshold and are put back into place when it exceeds a certain number. It was described how the pulse repetition interval (PRI) and pulse width of the pulsed signal can be modulated based on both space and time-based observations of the environment, to maximize the reward signals.

Dr. V. Chithambaram, R&D Dean, Peri Institute and Technology, Tamil Nadu delievered third expert talk on various techniques to grow single crystals when only a few milligrams are available of the compound of interest. He described vapour diffusion, evaporation, cooling, and layering techniques, as well as crystallisation in gels. Producing crystals of higher perfection and at a lower cost is a prerequisite for their applications in any new functionality, and efficient devices are the drivers of a rapidly changing world.

Fourth expert talk was imparted by **Dr. Praveen Kumar**, Assistant Professor, IACS, Kolkata, India. He shared his knowledge on his analysis of current deficit in the demand and supply of fossil fuels followed by their polluting effect on the environment. He shed light that a search for renewable fuels is one of the demanding issues of research in the current scenario. Hydrogen is one of the potential alternatives to fill this deficit and also to replace fossil fuels as far as the transport sector is a concern. As of now, 96 % of H2 is been produced using fossil fuels (Methane reforming and Coal gasification) as a feed-stock, only 4% of H2 is coming through water electrolysis. Therefore, to reduce the dependency on fossil fuels, we have to innovate smart, affordable, efficient, and stable materials heterostructures, to increase

the H2 generation from water at commercial scale. He addressed some of these issues and selected successful recent materials innovations in our laboratory at IACS.

Dr. D. R. Patil shared his knowledge about developing the smart gas sensors from bulk and nanomaterials viz. ZnO, Bi2O3, SnO2, MnO2, ZrO2, etc. Nanostructured material composites were synthesized by disc type ultrasonicated microwave assisted centrifuge technique. The electrical behavior, gas sensing and food freshness of such nanocomposites have been investigated by him. Efforts are made to develop the sensors monitoring food freshness at low cost. He emphasized that quick response and fast recovery are the main features of this sensor.

In the subsequent session of day2, **Dr. Swati Arora**, Associate Professor, SKIT Jaipur and **Dr. P K Jain**, Dy. HOD (ECE), SKIT Jaipur chaired the session under which 14 papers were presented.

Day 3 began with expert talk of **Dr. S. Shanmugan,** Associate Professor, koneru Lakshmaiah Education Foundation, Vijaywada, who enlightened us with concepts of evaporation and condensation processes and possible enhancement in the distillation context. These are studied in doubly inclined solar still, single-stage, and multistage air gap membrane distillation systems and separately with a physically textured surface. This talk focused on mango drying using the indirect solar drying method. The methodology used contains the Matlab and Comsol simulation for the collector used in the solar dryer to predict the different values for glass temperature, air temperature and plate temperatures.

Dr.Sudhesh Kumar, Department of Physics, R.P. Degree College, Kamalganj, Farrukhabad, India delievered an expert talk on research in the rapidly growing field of 'semiconductor spintronics'. He discussed that stable room temperature ferromagnetism (RTFM) with high degree of spin polarization along with high Curie temperature (TC)are the key requirements for a material that can be suitable for the fabrication of futuristic carrier spin-based devices. Wide bandgap dilute magnetic semiconducting oxide or sulphide materials such as transition metal doped TiO2 or ZnS etc. are expected to be promising candidates to meet the goal owing to their excellent magnetic and optical properties

Thereafter, **Dr. Tawfik Ismail,** Director of Wireless Intelligent Networks Research Center, and WirelessTechnology, Nile University, Egypt delievered an expert talk on the practical implementation of wireless RF and optical channels, with all of its phases being passed through. The general aim was to provide a transmission system consisting of a transmitter (implantable device) and a receiver (base station) linked with a 433 MHz band and wake up

on channel 2.4 GHz. Furthermore, an optical communication channel operating at the wavelength of 880nm has been developed.

Ninth expert talk was delievered by **Dr. Sunil Vadera**, Professor of Computer Science, University of Salford; He shed light on Pruning Deep Neural Networks with Multi-Armed Bandits. The talk begins with a summary of the field, covering seminal methods such as Optimal Brain Damage and move on to recent advances in our understanding based on the Lottery Hypothesis. Recent work on a new framework based on the use of multi-armed bandits such as Thompson Sampling and Upper Confidence Bounds was presented.

In the subsequent session of day3, **Prof. (Dr). Mukesh Arora** and **Dr. Rukhsar Zafar,** Associate Professor, SKIT Jaipur chaired the session under which 10 papers were presented.

For the valedictory session of ICANCT-2021, **Dr. R.S.Meena,** Professor & HEAD, EC Deptt. UCE, Rajasthan Technical University was the chief guest and our guest of honor was **Dr. Tawfik Ismail**, Director of Wireless Intelligent Networks Research Center, and WirelessTechnology, Nile University, Egypt. **Dr. Mukesh Arora**, Head, department of ECE, welcomed our chief guest and guest of honor with his wise words. **Dr. R.S. Meena** congratulated the organizers of ICANCT and highlighted the leadership of faculties of ECE department, SKIT in conducting these academic programs. **Dr. Tawfik Ismail** appreciated high quality paper presentations in this conference and efforts made by the organizing team. He discussed about current researches in the field of nanoelectronics, communnication technology, IoT, machine learning and signal processing. **Dr. Praveen Kumar Jain**, Dy-HoD, EC Department delivered vote of thanks to all speakers, participants, organizing team of ICANCT and whole ECE department. The final report of this conference was read by **Dr. Swati Arora**, Associate Professor, Department of ECE, SKIT M&G, Jaipur.

It was a life-long learning for all participants. The discussed areas are of great benefit for the students and academicians as they are enlightened with the most widely used advance strategies in nanoelectronics & communication technologies. Feedbacks of the FDP were collected from the participants.

b. Type: International

Resource Persons

Sr NO	Name	Affilation
1	Dr. R. K Soni	Director, Atal Academy, AICTE, New Delhi
2	Dr. Kishore KumarSadasivuni	Professor, CenterforAdvancedMaterials,QatarUniversity,Qatar& ManagingDirector,JournalofEmergentMaterials(Springer)
	Dr. BadrulHisham Ahmad	Professor, UniversitiTeknikal Malaysia (UTeM), Malaysia
5	Dr. Yaseera Ismail	Assistant Professor,University of KwaZulu-Natal, South Africa
6	Prof. S K Bhatnagar,	DirectorResearch, SKIT Jaipur
7	Dr. Monika Mathur,	Associate Professor, SKIT Jaipur
8	Dr. HeenaRathore	Assistant Professor , University of Texas, San Antonio, USA
9	Dr. V. Chithambaram	R&D Dean , Peri Institute and Technology, Tamil Nadu
10	Dr. Praveen Kumar	Assistant Professor, IACS, Kolkata, India
11	Dr. D. R. Patil,	Head, Dept. of Physics, Rani Laxmibai Mahavidyalaya Parola, Jalgaon, MHS,
12	Dr. Swati Arora,	Associate Professor, SKIT Jaipur
13	Dr. P K Jain	Dy. HOD (ECE), SKIT Jaipur
14	Dr. S. Shanmugan	Associate Professor, koneruLakshmaiah Education Foundation, Vijaywada,India
15	Dr.Sudhesh Kumar	Department of Physics, R.P. Degree College, Kamalganj, Farrukhabad, India.
16	Dr. Tawfik Ismail	Director of Wireless Intelligent Networks Research Center, and WirelessTechnology Master Program, Nile University, Giza, Egypt.

17	Dr.Sunil Vadera	Professor, Computer Science, University of Salford.
18	Prof. (Dr). Mukesh Arora	HOD(ECE),SKIT Jaipur
19	Dr. Rukhsar Zafar,	Associate Professor, SKIT Jaipur

List of papers accepted:

S. No.	Topic
1	Living in sensors- unraveling the facts and challenges
2	LTCC based technology: Past and Present
3	Using Machine Learning Algorithms for Public Health Policy Management in Pandemic Situations
4	Development of a quantum communication network
5	Advancement of Bulk and Nanomaterials based Smart Sensors for Gas Detection at Trace Level
6	Pruning Deep Neural Networks with Multi-Armed Bandits
7	Room Temperature Magnetization Properties of Wide Bandgap Semiconductors
8	Some thoughts about the single crystal growth of small molecules effect Semiconductor materials
9	Experimentalinvestigation on the performance of a solar still usingnanolayers
10	Materials Innovations for H2 Fuel Generation from Water
11	Wireless Communication for Active Implantable Neural Interface Platform
12	Half Adder Using Different Design Styles: An Analysis on Comparative Study
13	Design, Simulation and Analysis of Wearable 2.4 GHz U shape Slotted Microstrip Patch Antenna for Wireless Body Area Network
14	Designing and Analysis of Tunable Compressive Sensing System to Establish Spatial Invariance in Fingerprint Image Detection
15	A Smart IOT enabledAccident Detecting E-Yantra
16	Experience Internet of Things by the Gateway of Smart Home Spectrum
17	Automotive Health Monitoring System
18	Design and Analysis of LH Miniaturized MicrostripFilter Based on DNG
19	IOT Based Smart Traffic light Management System
20	Design of Breast Model using Different Dielectric Materials and UWB Antenna for Tumor Detection

21	Fake News Detector
22	Design of nanoscaleheterostructureGaInP/AlGaInP red laser for theapplications of photodynamic therapy in superficial skin diseases
23	FPGA Implementation of 32-bit Floating-Point Adder
24	Review of Recent Phased Array Micro Strip Patch Antennas for Different Frequency Applications
25	Implementation of Bubble Check Algorithm and L-Bubble check algorithm for Check Node Processing using High Level Synthesis
26	A Review on- Metal Oxide Semiconductor Thin film Transistors electrical characteristics
27	Effect of Buffer Layer on Thin Film CIGS Solar Cell
28	Artificial Hydro Environment Plantation (AHEP)
29	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters
30	Effect of parameter variation on the Electrical characteristics of ZnO based TFT's
31	IoT Based Smart Energy Meter
32	New Model for Effect of Fringing Fields on Radius of Circular Microstrip Antenna
33	Overview of Transparent Resistive Random Access Memory
34	Image Text to Speech Conversion using OCR technique
35	An Efficient CORDIC Based implementation of Sine and Cosine Generators

Schedule

Day 1: February 4, 2021 (Thursday)	
9:30 am-10:30 am (WebEx Platform)	**Inauguration of Program** Chief Guest:Dr. R. K Soni Director, Atal Academy, AICTE, New Delhi Guest of Honor-1 Dr. Kishore KumarSadasivuni Professor,CenterforAdvancedMaterials,QatarUniversity,Qatar& ManagingDirector,JournalofEmergentMaterials(Springer) Guest of Honor-2 Dr. BadrulHisham Ahmad Professor, UniversitiTeknikal Malaysia (UTeM), Malaysia
10:45 am- 11:45am (WebEx Platform)	Keynote Talk-1 Dr. Kishore Kumar Sadasivuni Professor,CenterforAdvancedMaterials,QatarUniversity,Qatar
11:50 am- 12:50 pm (WebEx Platform)	KeynoteTalk-2 Prof. Badrul Hisham Ahmad Universiti Teknikal Malaysia (UTeM), Malaysia
12:50 pm-2:00 pm	Break
2:00 pm-3:00 pm (WebEx Platform)	Invited Talk: 1 Dr. Yaseera Ismail Assistant Professor,University of KwaZulu-Natal, South Africa
3:00 pm - 4:30 pm (WebEx Platform)	Session Chair: Prof. S K Bhatnagar, DirectorResearch, SKIT Jaipur PaperPresentationID:2,4,5,6,7,8
	Session Chair: Dr. Monika Mathur, Associate Professor, SKIT Jaipur PaperPresentationID:9,10,11,12,14,15

Day 2: February 5, 2021 (Friday)	
10:15 am – 11:00am (WebEx Platform)	InvitedTalk2: Dr. HeenaRathore Assistant Professor , University of Texas, San Antonio, USA
11:10am – 11:55am (WebEx Platform)	Invited Talk 3: Dr. V. Chithambaram R&D Dean , Peri Institute and Technology, Manivakkam,Tambaram, Chennai, Tamil Nadu
12:00pm-12:45 pm	Invited Talk 4: Dr. Praveen Kumar Assistant Professor, IACS, Kolkata, India
12:45 pm - 2:00 pm	Break
2.00 pm – 2:45 pm (WebEx Platform)	InvitedTalk 5: Dr. D. R. Patil, Head, Dept. of Physics, Rani LaxmibaiMahavidyalayaParola, Jalgaon, MHS,
2.50 pm – 4:30 pm (WebEx Platform)	SessionChair: Dr. Swati Arora, Associate Professor, SKIT Jaipur PaperPresentationID: 16,17,19,20,21,22
	SessionChair: Dr. P K Jain, Dy. HOD (ECE), SKIT Jaipur PaperPresentationID:,23,24,25,26,27,28,29,30

Day 3: February 6, 2021 (Saturday)	
9:15 am - 10:00am (WebEx Platform)	InvitedTalk6: Dr. S. Shanmugan Associate Professor, koneruLakshmaiah Education Foundation, Vijaywada,India
10:10 am - 10:55am (WebEx Platform)	InvitedTalk7: Dr.Sudhesh Kumar Department of Physics, R.P. Degree College, Kamalganj, Farrukhabad, India.
11:05 am – 11:50am (WebEx Platform)	Invited Talk 8: Dr. Tawfik Ismail Director of Wireless Intelligent Networks Research Center, and WirelessTechnology Master Program, Nile University, Giza, Egypt.
11:50am – 1:00 pm	Break
1:00 pm - 2:00 pm (WebEx Platform)	Invited Talk 9: Dr.Sunil Vadera Professor, Computer Science, University of Salford.
2.00 pm – 4:00 pm (WebEx Platform)	SessionChair: Prof. (Dr). Mukesh Arora, HOD(ECE),SKIT Jaipur PaperPresentationID:31,33,34,35,36
	SessionChair: Dr. Rukhsar Zafar, Associate Professor, SKIT Jaipur PaperPresentationID:37,39,40,41,43
4:00 pm- 4:30 pm	Valedictory

LIST of PARTICIPANTS

S. No.	Salute	Name	Affiliation	Topic	Email
1	Ms.	Anju Rajput	Jaipur Engineering College and Research centre, Jaipur	Half Adder Using Different Design Styles: An Analysis on Comparative Study	anju.rajput1409@gmail.com
2	Ms.	Tripti Dua	Jaipur Engineering College and Research centre, Jaipur	Half Adder Using Different Design Styles: An Analysis on Comparative Study	anju.rajput1409@gmail.com
3	Dr.	Renu Kumawat	Manipal University, Jaipur	Half Adder Using Different Design Styles: An Analysis on Comparative Study	anju.rajput1409@gmail.com
4	Dr.	Avireni Srinivasulu	JECRC University, Jaipur	Half Adder Using Different Design Styles: An Analysis on Comparative Study	anju.rajput1409@gmail.com
5	Md.	Ahasan Kabir	Chittagong University of Engineering and Technology, Chittagong, Bangladesh	Design, Simulation and Analysis of Wearable 2.4 GHz U shape Slotted Microstrip Patch Antenna for Wireless Body Area Network	ummeafruz@gmail.com
6	Ms.	Pallavi Gupta	Sharda University, Greater Noida, Uttar Pradesh	Designing and Analysis of Tunable Compressive Sensing System to Establish Spatial Invariance in Fingerprint Image Detection	worknehwolde11@gmail.com
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14	Mr.	Ravi Kumar Jangir	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Design and Analysis of LH Miniaturized MicrostripFilter Based on DNG	ravi.jangir@skit.ac.in
15	Ms.	Gloria	Swami Keshvanad	Design and Analysis of LH Miniaturized	shubhijain1

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16	Mr.	Ravi Kumar Jangir	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IOT Based Smart Traffic light Management System	gargisharma145@gmail.com
17	Dr.	Monika Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Design of Breast Model using Different Dielectric Materials and UWB Antenna for Tumor Detection	hrshlnigam@gmail.com
18	Dr.	Mukesh Arora	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Design of Breast Model using Different Dielectric Materials and UWB Antenna for Tumor Detection	hrshlnigam@gmail.com
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33	Mr.	Ravi Kumar Jangir	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	FPGA Implementation of 32-bit Floating-Point Adder	vikaspathak85@gmail.com
34	Ms.	Uma Rathore	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Review of Recent Phased Array Micro Strip Patch Antennas for Different Frequency Applications	umarathore3dec@gmail.com
35	Mr.	Harshal Migam	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Review of Recent Phased Array Micro Strip Patch Antennas for Different Frequency Applications	umarathore3dec@gmail.com
36	Mr.	Himanshu Sharma	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Implementation of Bubble Check Algorithm and L-Bubble check algorithm for Check Node Processing using High Level Synthesis	manju.choudhary@skit.ac.in
37	Mr.	Vikas Pathak	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Implementation of Bubble Check Algorithm and L-Bubble check algorithm for Check Node Processing using High Level Synthesis	manju.choudhary@skit.ac.in
38	Ms.	Ila Roy	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Implementation of Bubble Check Algorithm and L-Bubble check algorithm for Check Node Processing using High Level Synthesis	manju.choudhary@skit.ac.in
39	Ms.	Manju choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review on- Metal Oxide Semiconductor Thin film Transistors electrical characteristics	manju.choudhary@skit.ac.in
40	Ms.	Pooja Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review on- Metal Oxide Semiconductor Thin film Transistors electrical characteristics	manju.choudhary@skit.ac.in
41	Dr.	Swati Arora	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Effect of Buffer Layer on Thin Film CIGS Solar Cell	rajeshwar.satyendra@gmail.com
42	Mr.	Jayesh Mehta	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters	ishanrajvanshi666@gmail.com
43	Ms.	Deepa Kumari	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters	ishanrajvanshi666@gmail.com

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45	Mr.	Kartik Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters	ishanrajvanshi666@gmail.com
46	Mr.	Rahul Pandey	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Effect of parameter variation on the Electrical characteristics of ZnO based TFT's	neerajengi24@gmail.com
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50	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Effect of parameter variation on the Electrical characteristics of ZnO based TFT's	neerajengi24@gmail.com
51	Dr.	Shashi Kant Sharma	Indian Institute of Information Technology, Ranchi, Jharkhand	Effect of parameter variation on the Electrical characteristics of ZnO based TFT's	neerajengi24@gmail.com
52	Mr.	Harsh Khandelwal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Energy Meter	poojachoudhary87@gmail.com
53	Ms.	Charu Shukla	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Energy Meter	poojachoudhary87@gmail.com
54	Mr.	Chatarpal Singh Shaktawat	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Energy Meter	poojachoudhary87@gmail.com
55	Ms.	Pooja Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Energy Meter	poojachoudhary87@gmail.com
56	Mr.	Lalit Kumar Lata	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Overview of Transparent Resistive Random Access Memory	lalit.lata2008@gmail.com
57	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Overview of Transparent Resistive Random Access Memory	lalit.lata2008@gmail.com
58	Dr.	Dayanand Kumar	National Chiao Tung University Taiwan	Overview of Transparent Resistive Random Access Memory	lalit.lata2008@gmail.com

59	Dr.	Umesh Chand	National University of Singapore, Singapore	Overview of Transparent Resistive Random Access Memory	lalit.lata2008@gmail.com
60	Mr.	Naman Mishra	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshijain231@gmail.com
61	Ms.	Priyanka Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshijain231@gmail.com
62	Mr.	Puneet Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshijain231@gmail.com
63	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshijain231@gmail.com
64	Ms.	Mamta Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	An Efficient CORDIC Based implementation of Sine and Cosine Generators	poojachoudhary87@gmail.com
65	Ms.	Manju Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	An Efficient CORDIC Based implementation of Sine and Cosine Generators	poojachoudhary87@gmail.com
66	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Recent Advances and Applications of Perovskite Materials in solar cells	viveksec@gmail.com
67	Ms.	Suman Sharma	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review Paper on 5G Wireless Technology	suman.sharma.csit@skit.ac.in
68	Ms.	Richa Sharma	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review Paper on 5G Wireless Technology	suman.sharma.csit@skit.ac.in
69	Ms.	Kriti Sharma	Arya College Of Engineering & Information Technology, Jaipur	A Review Paper on 5G Wireless Technology	suman.sharma.csit@skit.ac.in
70	Ms.	Namrata Joshi	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review Paper on 5G Wireless Technology	namrita.in@gmail.com
71	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Organic Solar Cells-A Review on Revolution in the Photovoltaic Research	meenarupanjali03@gmail.com
72	Mr.	Pallav Rawal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review on Reconfigurable Antennas for 4G and 5G Wireless Communications	arpitjain3105@gmail.com
73	Ms.	Poorvi Jain	Swami Keshvanad Institute of Technology, Management and	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com

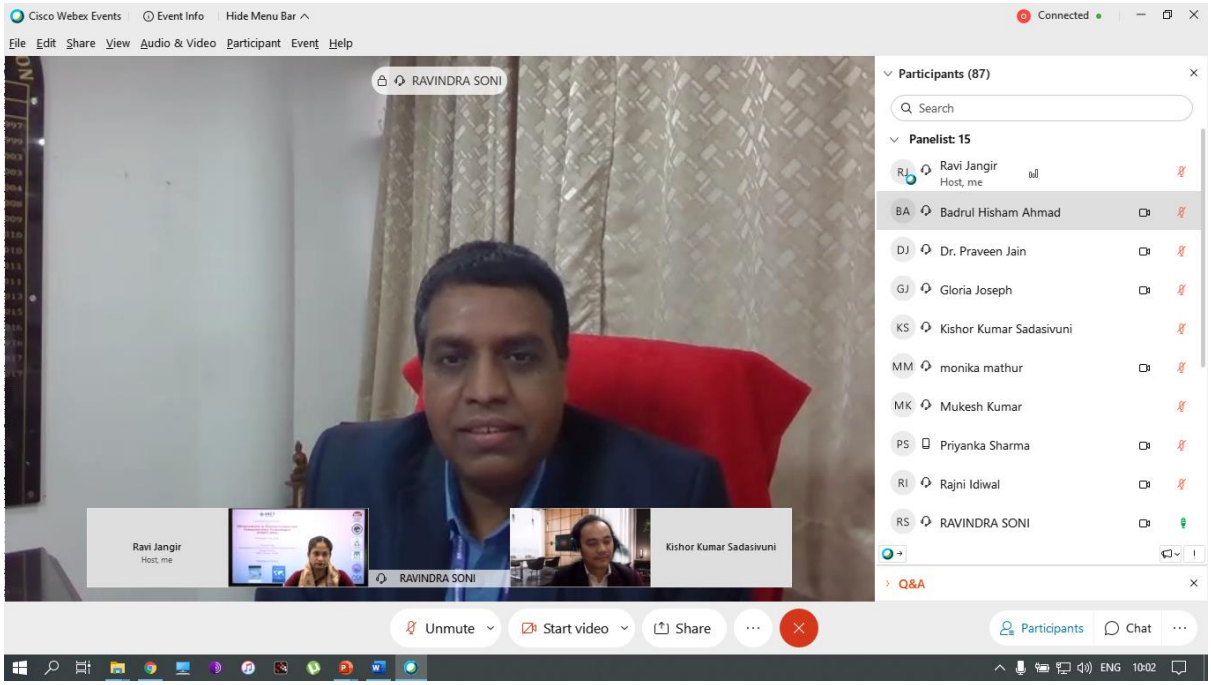
			Gramothan, Jaipur		
74	Mr.	Mayank Shrimali	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
75	Mr.	Mayank Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
76	Dr.	Rukhsar Zafar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
77	Mr.	Ankit Agarwal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
78	Ms.	Pooja Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
79	Mr.	Pallav Rawal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
80	Dr.	Manjit Singh Bhamrah	Punjabi University, Patiala, Punjab	Routing of Terahertz Channels in Reconfigurable DWDM Digitally Switched Network	arunarani70@gmail.com
81	Dr.	Sanjeev Dewra	Shaheed Bhagat Singh State Technical, Campus, Ferozepur	Routing of Terahertz Channels in Reconfigurable DWDM Digitally Switched Network	arunarani70@gmail.com
82	Mr.	Birendra Kr. Pandey	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Dual Band Frequency Reconfigurable Antenna for 5G and Satellite Communication	bkp.kite@gmail.com
83	Dr.	Monika Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Dual Band Frequency Reconfigurable Antenna for 5G and Satellite Communication	bkp.kite@gmail.com
84	Mr.	Pallav Rawal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Dual Band Frequency Reconfigurable Antenna for 5G and Satellite Communication	bkp.kite@gmail.com
85	Ms.	Shilpi Sharma	Amity University, Noida, Uttar Pradesh	AI In Agriculture Using UAV To Detect Weeds	karanpvrma@gmail.com
86	Dr.	Monika Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Breast Cancer Detection Using Microstrip Patch Antenna : A Review	nikunj856@gmail.com
87	Ms.	Pushpendra Meena	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushasharma@gmail.com
88	Ms.	Ritambhara	Jaipur Engineering College and Research centre, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushasharma@gmail.com

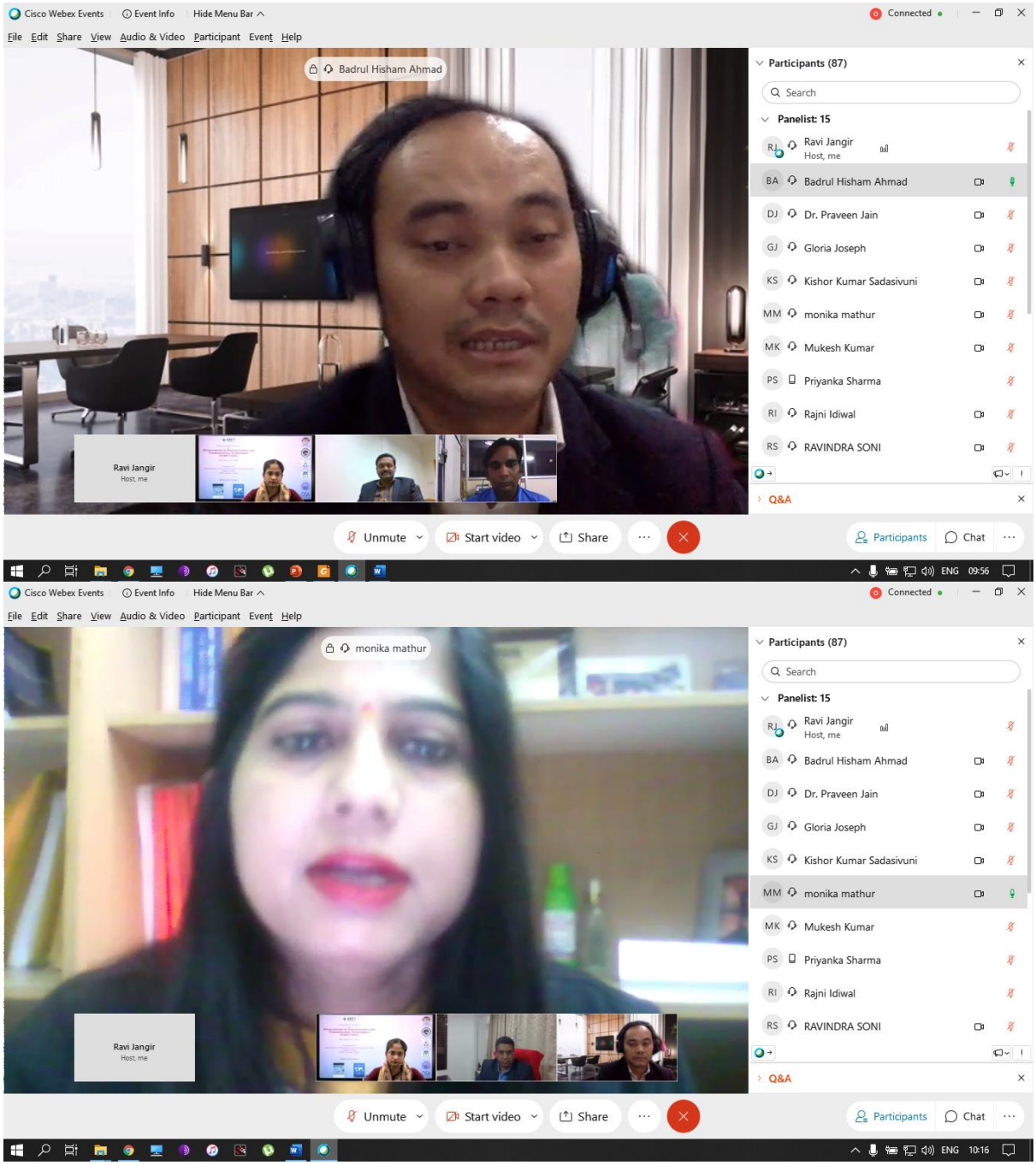
89	Dr.	Rukhsar Zafar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushasharma@gmail.com
90	Dr.	Shubhi Jain	Arya College Of Engineering & Information Technology, Jaipur	Reconfigurable RF MEMS PIFA Antenna: A Review Study	prija.jain@gmail.com
91	Ms.	Umme Afruz	Chittagong University of Engineering and Technology, Chittagong, Bangladesh	Design, Simulation and Analysis of Wearable 2.4 GHz U shape Slotted Microstrip Patch Antenna for Wireless Body Area Network	ummeafruz@gmail.com
92	Mr.	Workneh Wolde Hailemariam	Sharda University, Greater Noida, Uttar Pradesh	Designing and Analysis of Tunable Compressive Sensing System to Establish Spatial Invariance in Fingerprint Image Detection	worknehwolde11@gmail.com
93	Ms.	Devika Soni	Amity University, Noida, Uttar Pradesh	Experience Internet of Things by the Gateway of Smart Home Spectrum	devikagrand2@gmail.com
94	Ms.	Simran Arora	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Automotive Health Monitoring System	arora.simran1702@gmail.com
95	Ms.	Gargi Sharma	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IOT Based Smart Traffic light Management System	gargisharma145@gmail.com
96	Mr.	Satyendra Kumar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Effect of Buffer Layer on Thin Film CIGS Solar Cell	rajeshwar.satyendra@gmail.com
97	Mr.	Shubham Udsaria	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Artificial Hydro Environment Plantation (AHEP)	sudsaria94@gmail.com
98	Mr.	Ishan Rajvanshi	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters	ishanrajvanshi666@gmail.com
99	Prof.	S K Bhatnagar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	New Model for Effect of Fringing Fields on Radius of Circular Microstrip Antenna	satish.bhatnagar@skit.ac.in
100	Ms.	Padmakshi Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshijain231@gmail.com
101	Mr.	Vivek Bhojak	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Recent Advances and Applications of Perovskite Materials in solar cells	viveksec@gmail.com
102	Ms.	Parul Sinha	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsinha@gmail.com
103	Ms.	Pooja		An Efficient CORDIC Based implementation of	poojachoud

		Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Sine and Cosine Generators	bshv87@gmail.com
104	Dr.	Priyanka Jain	Arya College Of Engineering & Information Technology, Jaipur	Reconfigurable RF MEMS PIFA Antenna: A Review Study	prija.jain@gmail.com
105	Dr.	Shubhi Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Design and Analysis of LH Miniaturized MicrostripFilter Based on DNG	shubhijain19@gmail.com
106	Ms.	Manju Chaudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Implementation of Bubble Check Algorithm and L-Bubble check algorithm for Check Node Processing using High Level Synthesis	manju.choudhary@skit.ac.in
107	Ms.	Rupanjali Meena	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Organic Solar Cells-A Review on Revolution in the Photovoltaic Research	meenarupanjali03@gmail.com
108	Mr.	Arpit Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	A Review on Reconfigurable Antennas for 4G and 5G Wireless Communications	arpitjain3105@gmail.com
109	Ms.	Aruna Rani	Punjabi University, Patiala, Punjab	Routing of Terahertz Channels in Reconfigurable DWDM Digitally Switched Network	arunarani70@gmail.com
110	Ms.	Karanpreet Verma	Amity University, Noida, Uttar Pradesh	AI In Agriculture Using UAV To Detect Weeds	karanpvrma@gmail.com
111	Mr.	Nikunj Kumar Gupta	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Breast Cancer Detection Using Microstrip Patch Antenna : A Review	nikunj856@gmail.com
112	Ms.	Yazusha Sharma	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushasharma@gmail.com
113	Mr.	Neeraj Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Effect of parameter variation on the Electrical characteristics of ZnO based TFT's	neerajengi24@gmail.com
114	Mr.	Harshal Nigam	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Design of Breast Model using Different Dielectric Materials and UWB Antenna for Tumor Detection	hrshlnigam@gmail.com

Photographs of Program:

Day 1

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Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
Kishor Kumar Sadasivuni
monika mathur
Mukesh Kumar
Priyanka Sharma
Rajni Idiwal
RAVINDRA SONI
Q&A
Ravi Jangir Host, me
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Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
Kishor Kumar Sadasivuni
monika mathur
Mukesh Kumar
Priyanka Sharma
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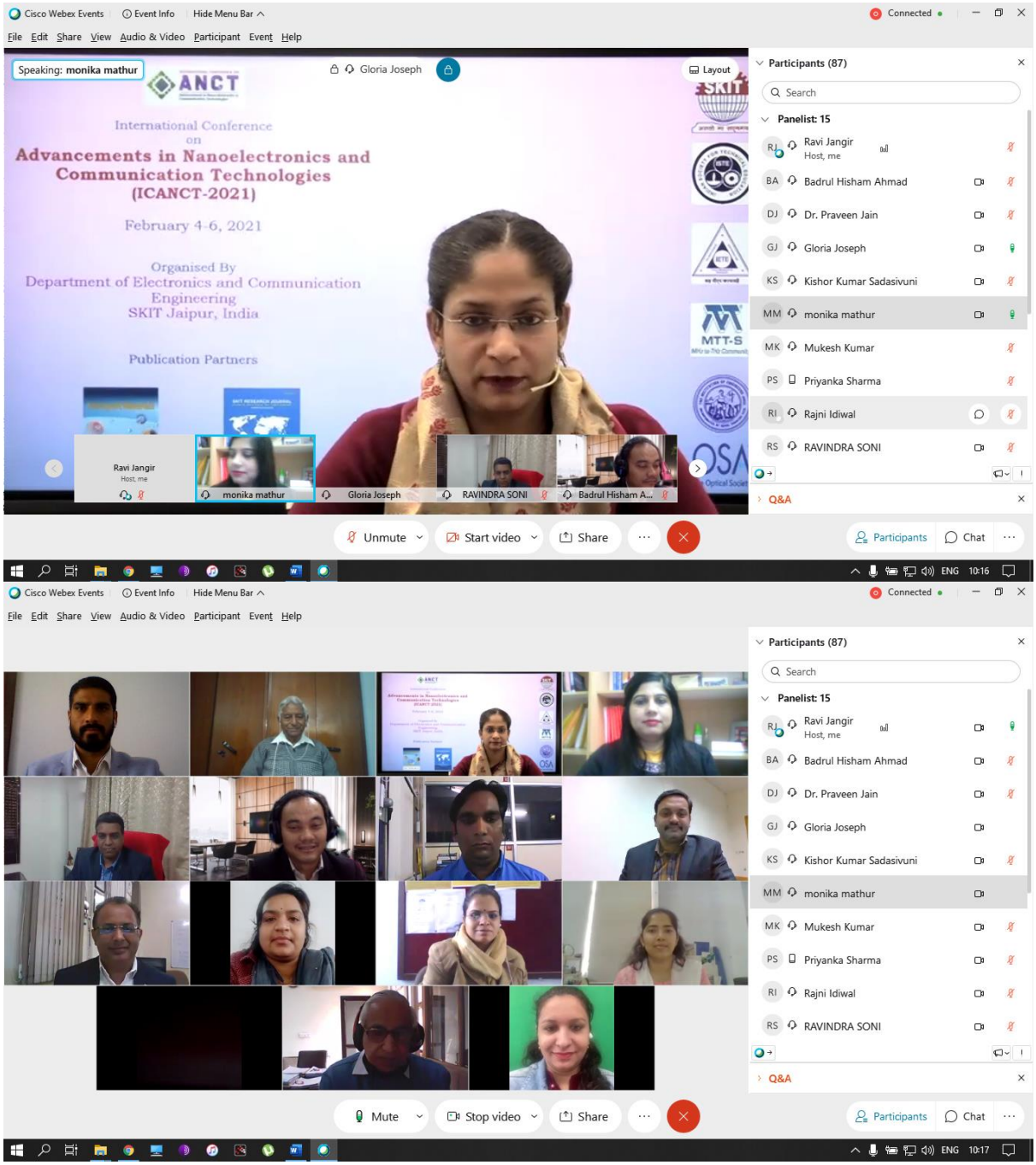
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Gloria Joseph
Layout
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International Conference
on
Advancements in Nanoelectronics and Communication Technologies
(ICANCT-2021)
February 4-6, 2021
Organised By
Department of Electronics and Communication Engineering
SKIT Jaipur, India
Publication Partners
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Host, me
monika mathur
Gloria Joseph
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Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
Kishor Kumar Sadasivuni
monika mathur
Mukesh Kumar
Priyanka Sharma
Rajni Idiwal
RAVINDRA SONI
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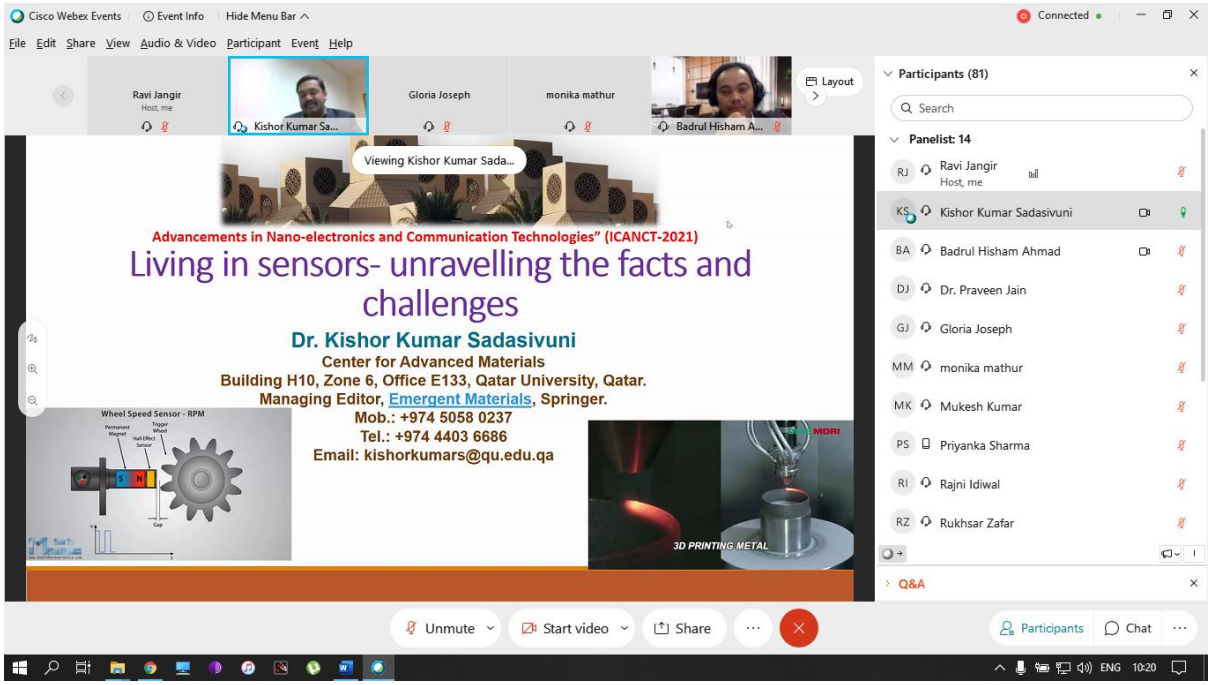
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Kishor Kumar Sa...
Gloria Joseph
monika mathur
Badrul Hisham A...
Layout
Viewing Kishor Kumar Sada...
Advancements in Nano-electronics and Communication Technologies" (ICANCT-2021)
Living in sensors- unravelling the facts and challenges
Dr. Kishor Kumar Sadasivuni
Center for Advanced Materials
Building H10, Zone 6, Office E133, Qatar University, Qatar.
Managing Editor, Emergent Materials, Springer.
Mob.: +974 5058 0237
Tel.: +974 4403 6686
Email: kishorkumars@qu.edu.qa
Wheel Speed Sensor - RPM
3D PRINTING METAL
Participants (81)
Search
Panelist: 14
Ravi Jangir
Host, me
Kishor Kumar Sadasivuni
Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
monika mathur
Mukesh Kumar
Priyanka Sharma
Rajni Idiwal
Rukhsar Zafar
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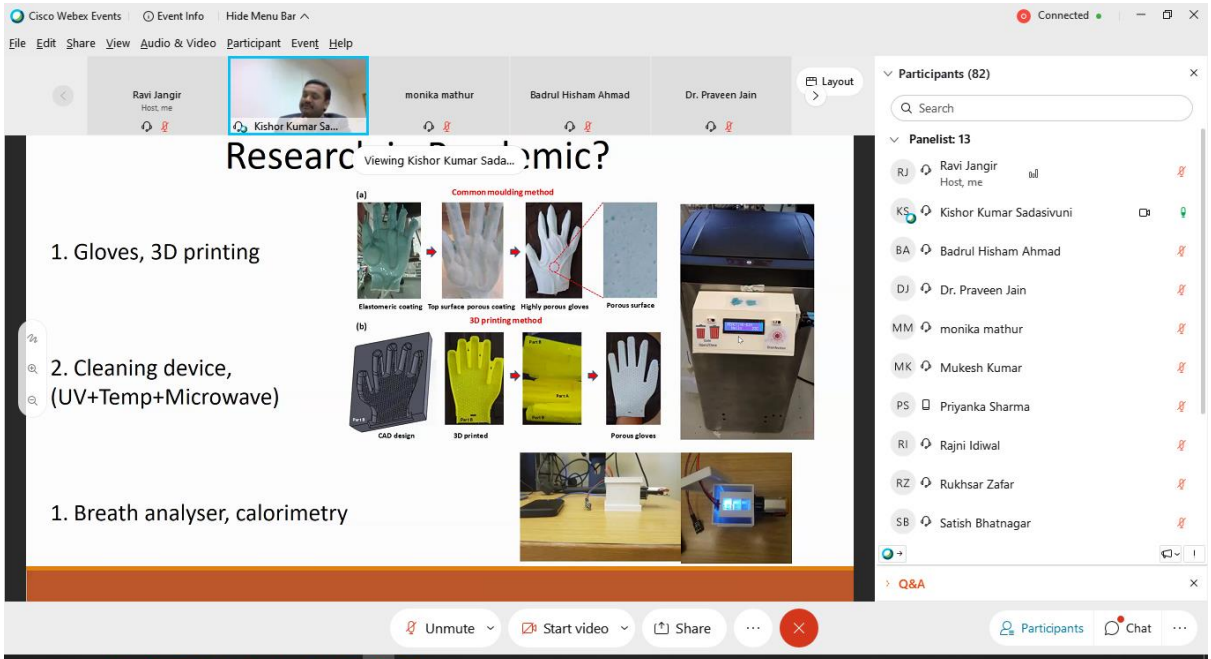
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Badrul Hisham Ahmad
Dr. Praveen Jain
Layout
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Kishor Kumar Sadasivuni
Badrul Hisham Ahmad
Dr. Praveen Jain
monika mathur
Mukesh Kumar
Priyanka Sharma
Rajni Idiwal
Rukhsar Zafar
Satish Bhatnagar
Q&A
Viewing Kishor Kumar Sada...
1. Gloves, 3D printing
Common moulding method
Elastomeric coating
Top surface porous coating
Highly porous gloves
Porous surface
3D printing method
CAD design
3D printed
Porous gloves
2. Cleaning device,
(UV+Temp+Microwave)
1. Breath analyser, calorimetry
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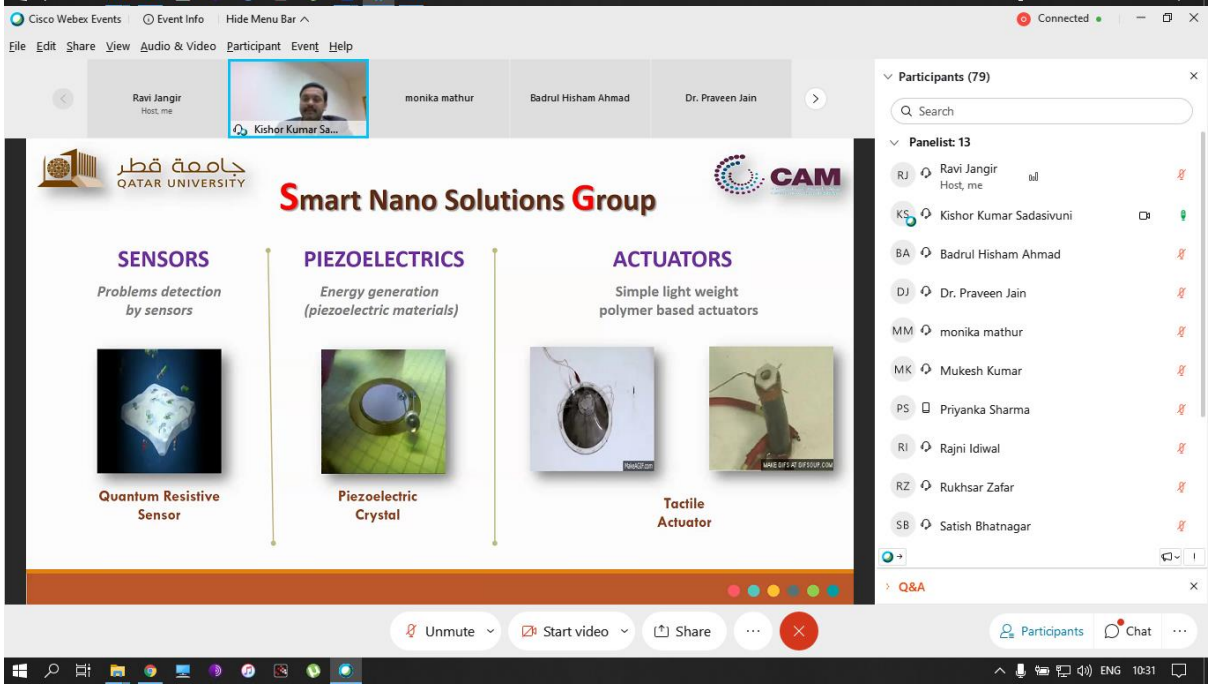
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Panelist: 13
Ravi Jangir Host, me
Kishor Kumar Sadasivuni
Badrul Hisham Ahmad
Dr. Praveen Jain
monika mathur
Mukesh Kumar
Priyanka Sharma
Rajni Idiwal
Rukhsar Zafar
Satish Bhatnagar
Q&A
QATAR UNIVERSITY
Smart Nano Solutions Group
CAM
SENSORS
Problems detection by sensors
PIEZOELECTRICS
Energy generation (piezoelectric materials)
ACTUATORS
Simple light weight polymer based actuators
Quantum Resistive Sensor
Piezoelectric Crystal
Tactile Actuator
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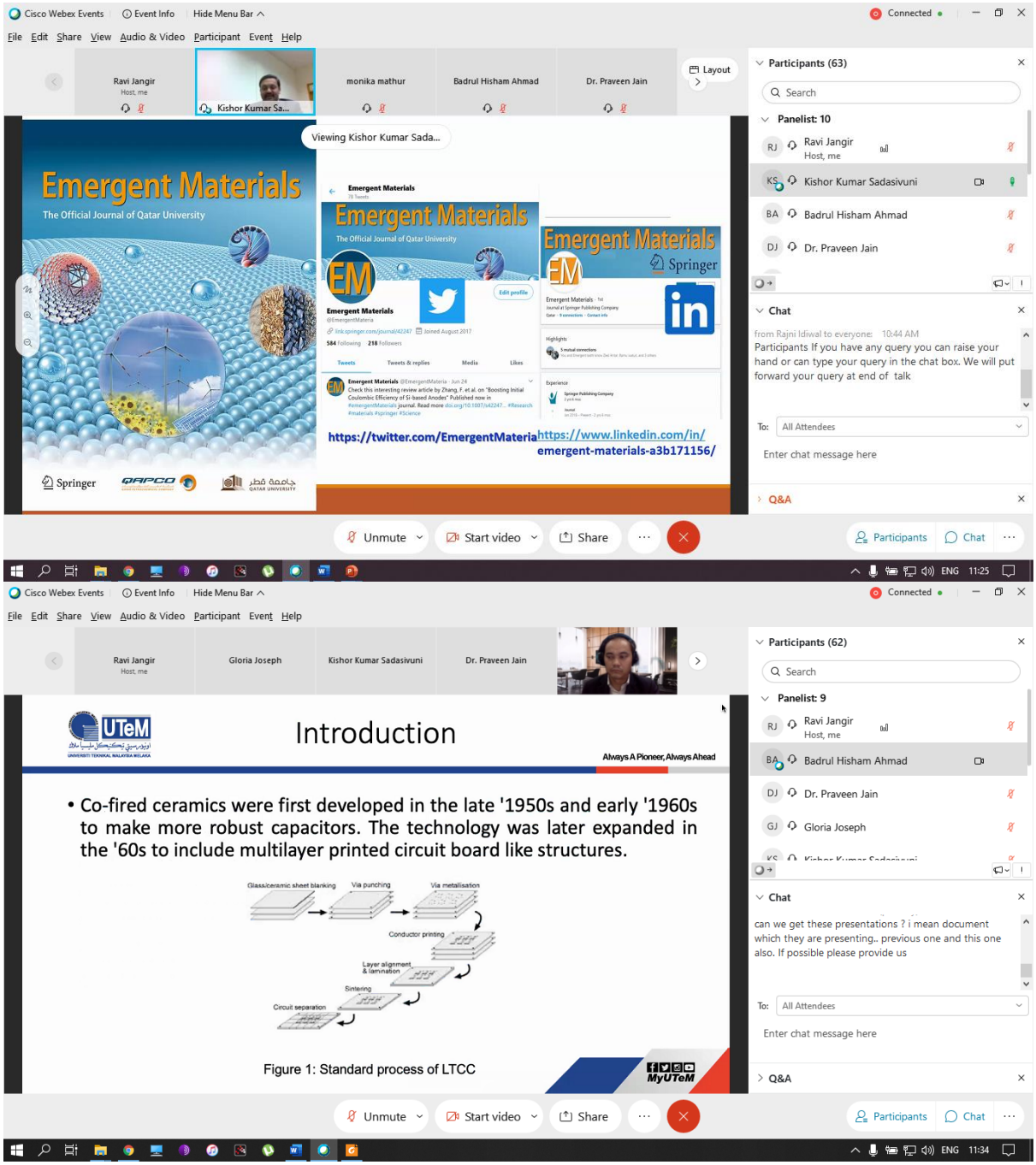
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Ravi Jangir
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Kishor Kumar Sa...
monika mathur
Badrul Hisham Ahmad
Dr. Praveen Jain
Layout
Participants (63)
Search
Panelist: 10
Ravi Jangir
Host, me
Kishor Kumar Sadasivuni
Badrul Hisham Ahmad
Dr. Praveen Jain
Viewing Kishor Kumar Sada...
Emergent Materials
The Official Journal of Qatar University
Springer
https://twitter.com/EmergentMateria
https://www.linkedin.com/in/emergent-materials-a3b171156/
Chat
from Rajni Idiwal to everyone: 10:44 AM
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To: All Attendees
Enter chat message here
Q&A
Unmute
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Ravi Jangir
Host, me
Gloria Joseph
Kishor Kumar Sadasivuni
Dr. Praveen Jain
Participants (62)
Search
Panelist: 9
Ravi Jangir
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Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
Introduction
UTeM
Always A Pioneer, Always Ahead
• Co-fired ceramics were first developed in the late '1950s and early '1960s to make more robust capacitors. The technology was later expanded in the '60s to include multilayer printed circuit board like structures.
Glass/ceramic sheet blanking
Via punching
Via metallisation
Conductor printing
Layer alignment & lamination
Sintering
Circuit separation
Figure 1: Standard process of LTCC
MyUTeM
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can we get these presentations ? i mean document which they are presenting.. previous one and this one also. If possible please provide us
To: All Attendees
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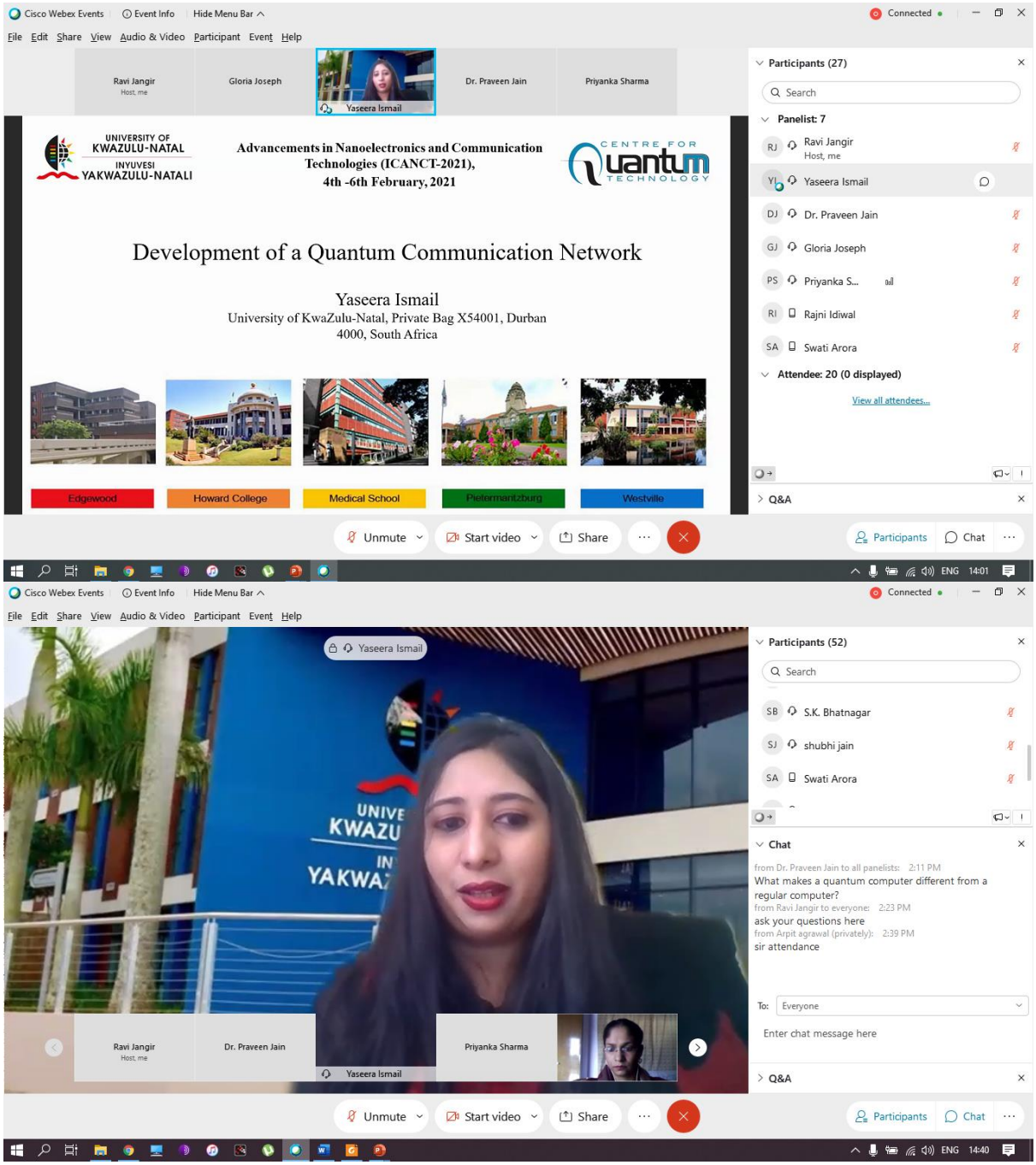
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Priyanka Sharma
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Host, me
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Dr. Praveen Jain
Gloria Joseph
Priyanka S...
Rajni Idiwal
Swati Arora
Attendee: 20 (0 displayed)
View all attendees...
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INYUVESI YAKWAZULU-NATALI
Advancements in Nanoelectronics and Communication Technologies (ICANCT-2021),
4th -6th February, 2021
CENTRE FOR Quantum TECHNOLOGY
Development of a Quantum Communication Network
Yaseera Ismail
University of KwaZulu-Natal, Private Bag X54001, Durban 4000, South Africa
Edgewood
Howard College
Medical School
Pietermaritzburg
Westville
Q&A
Unmute
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Participants
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Yaseera Ismail
Participants (52)
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S.K. Bhatnagar
shubhi jain
Swati Arora
Chat
from Dr. Praveen Jain to all panelists: 2:11 PM
What makes a quantum computer different from a regular computer?
from Ravi Jangir to everyone: 2:23 PM
ask your questions here
from Arpit agrawal (privately): 2:39 PM
sir attendance
To: Everyone
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Dr. Praveen Jain
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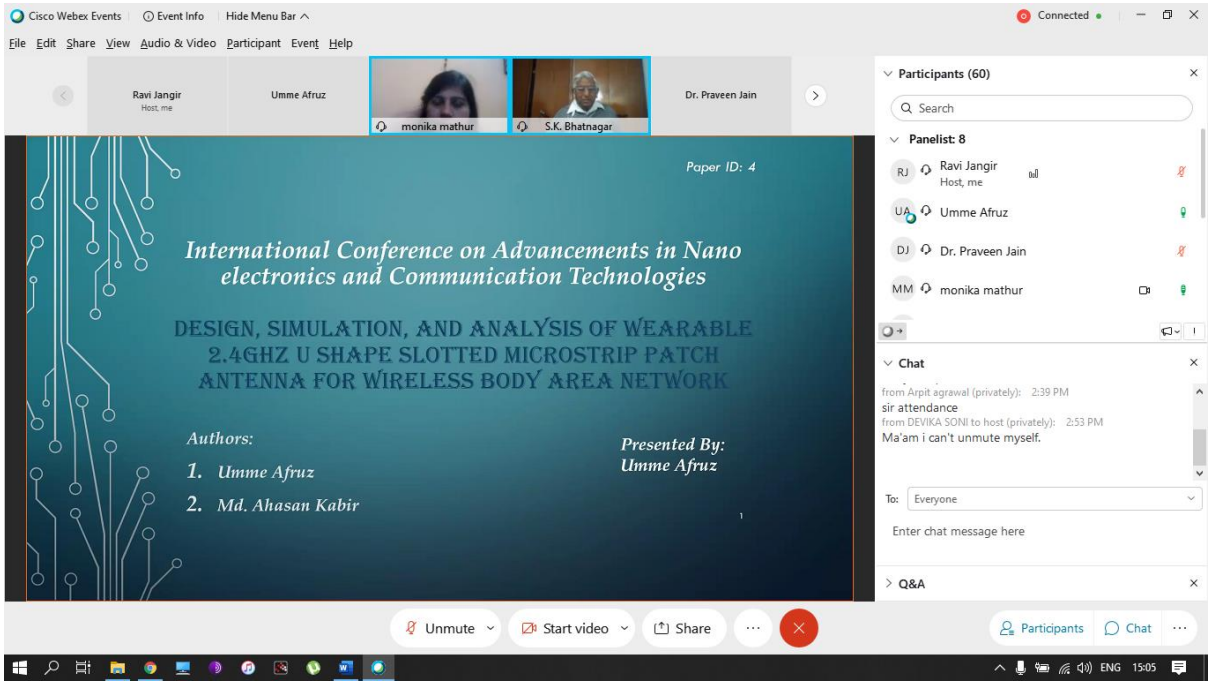
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Paper ID: 4
International Conference on Advancements in Nano electronics and Communication Technologies
DESIGN, SIMULATION, AND ANALYSIS OF WEARABLE 2.4GHZ U SHAPE SLOTTED MICROSTRIP PATCH ANTENNA FOR WIRELESS BODY AREA NETWORK
Authors:
1. Umme Afruz
2. Md. Ahasan Kabir
Presented By:
Umme Afruz
Participants (60)
Search
Panelist: 8
Ravi Jangir
Host, me
Umme Afruz
Dr. Praveen Jain
monika mathur
Chat
from Arpit agrawal (privately): 2:39 PM
sir attendance
from DEVIKA SONI to host (privately): 2:53 PM
Ma'am i can't unmute myself.
To: Everyone
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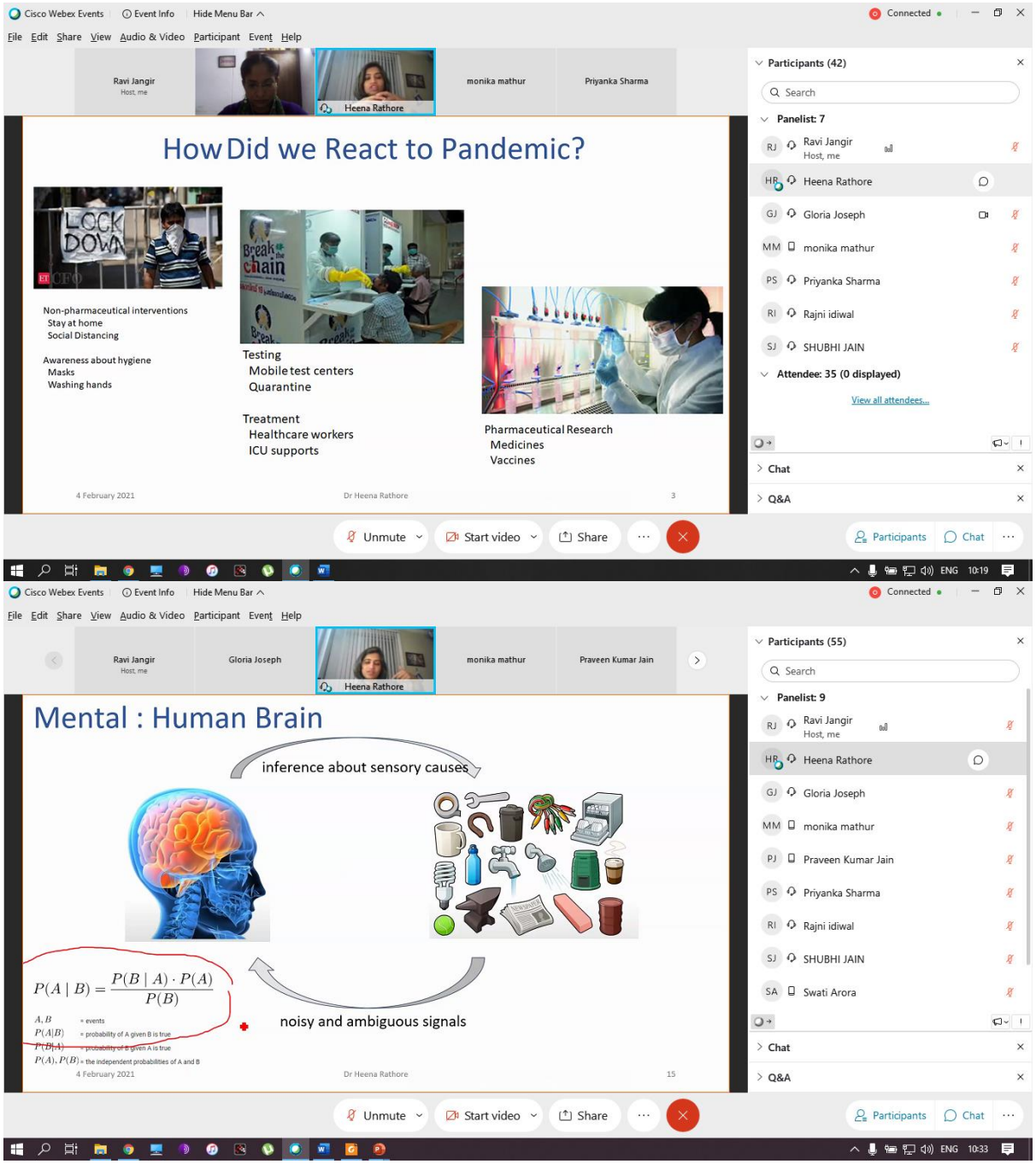
Day 2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Ravi Jangir
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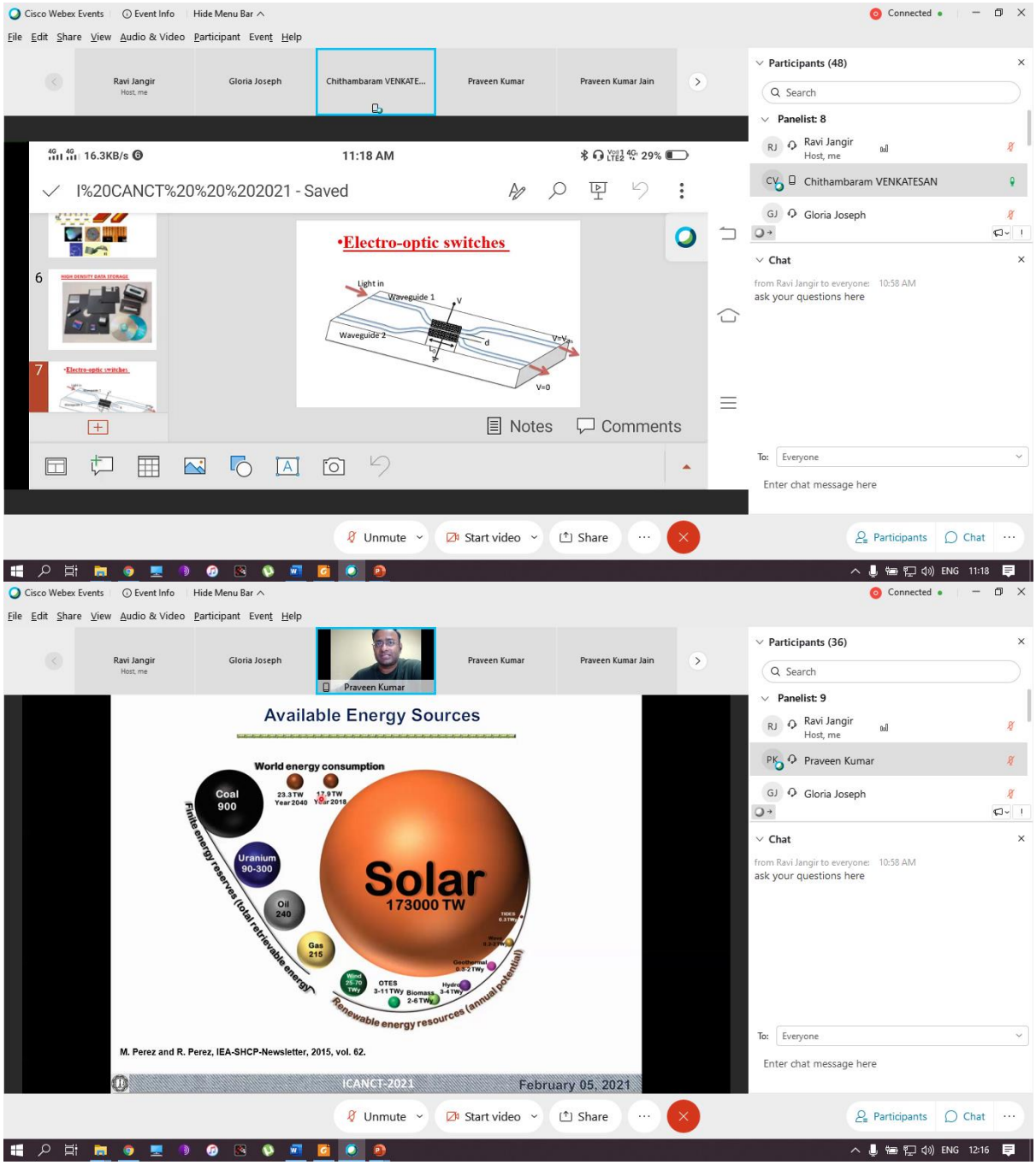
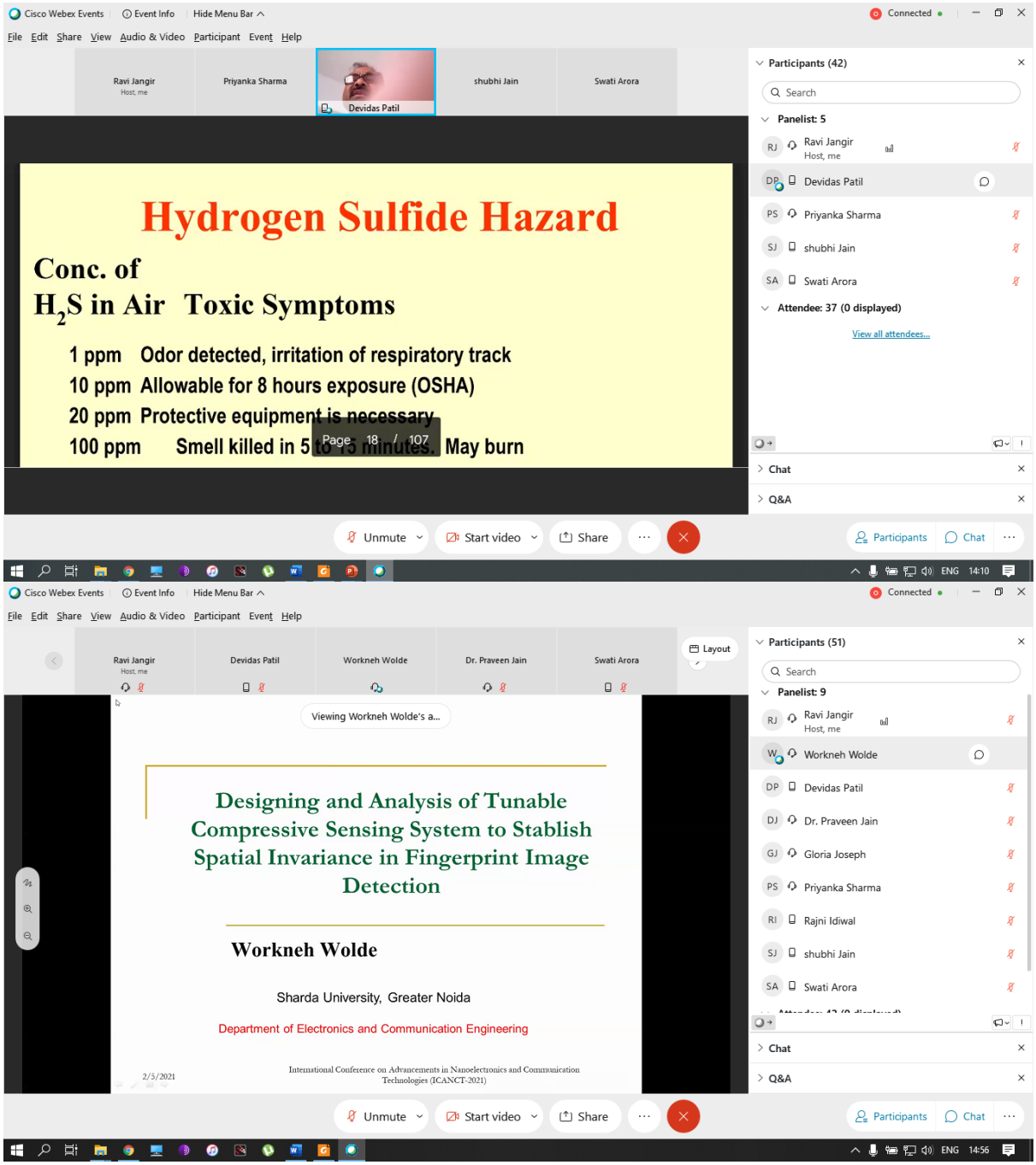
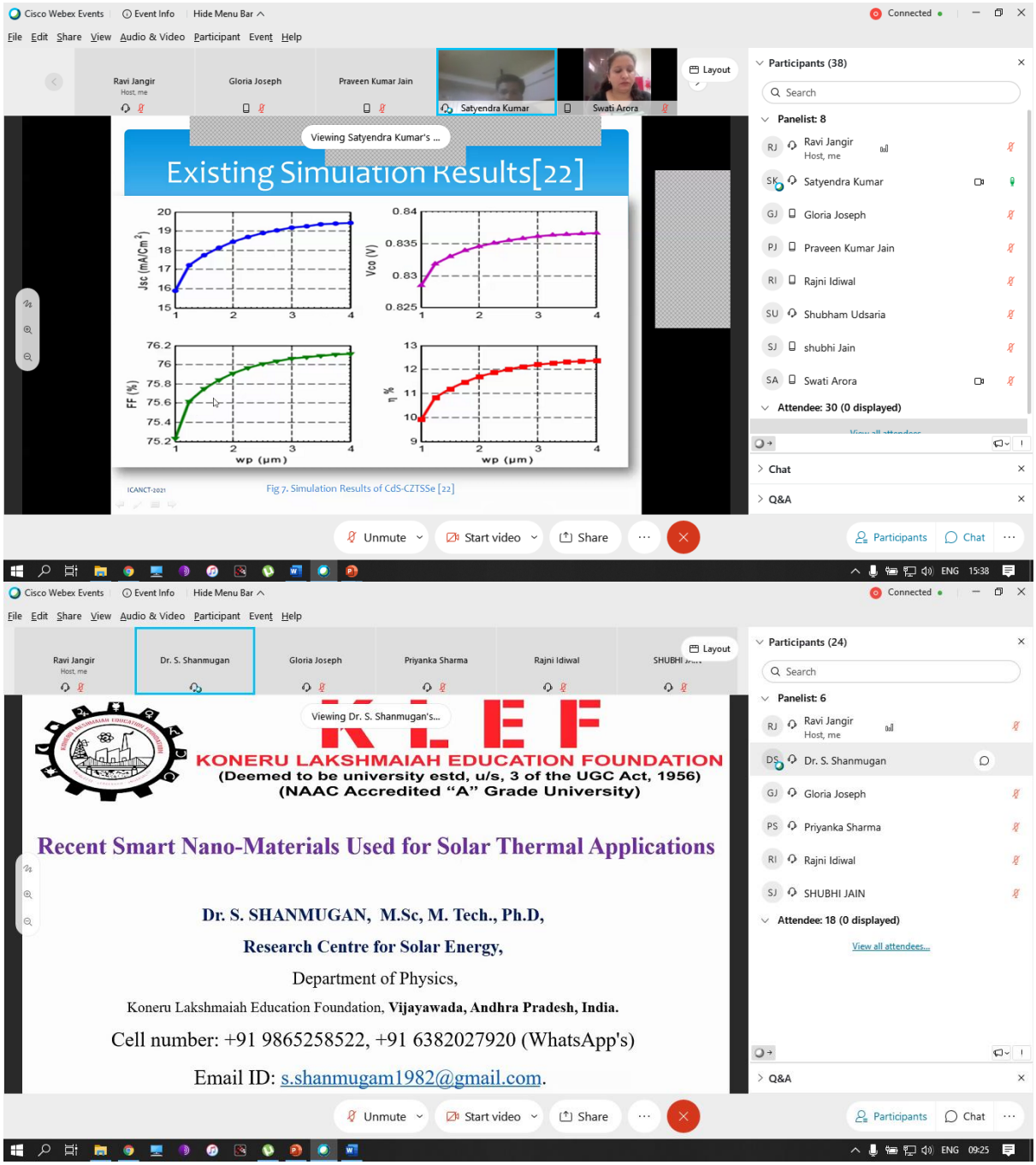
Heena Rathore
monika mathur
Priyanka Sharma
How Did we React to Pandemic?
LOCK DOWN
Non-pharmaceutical interventions
Stay at home
Social Distancing
Awareness about hygiene
Masks
Washing hands
Break the chain
Testing
Mobile test centers
Quarantine
Treatment
Healthcare workers
ICU supports
Pharmaceutical Research
Medicines
Vaccines
4 February 2021
Dr Heena Rathore
3
Participants (42)
Search
Panelist: 7
Ravi Jangir Host, me
Heena Rathore
Gloria Joseph
monika mathur
Priyanka Sharma
Rajni idiwal
SHUBHI JAIN
Attendee: 35 (0 displayed)
View all attendees...
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 10:19

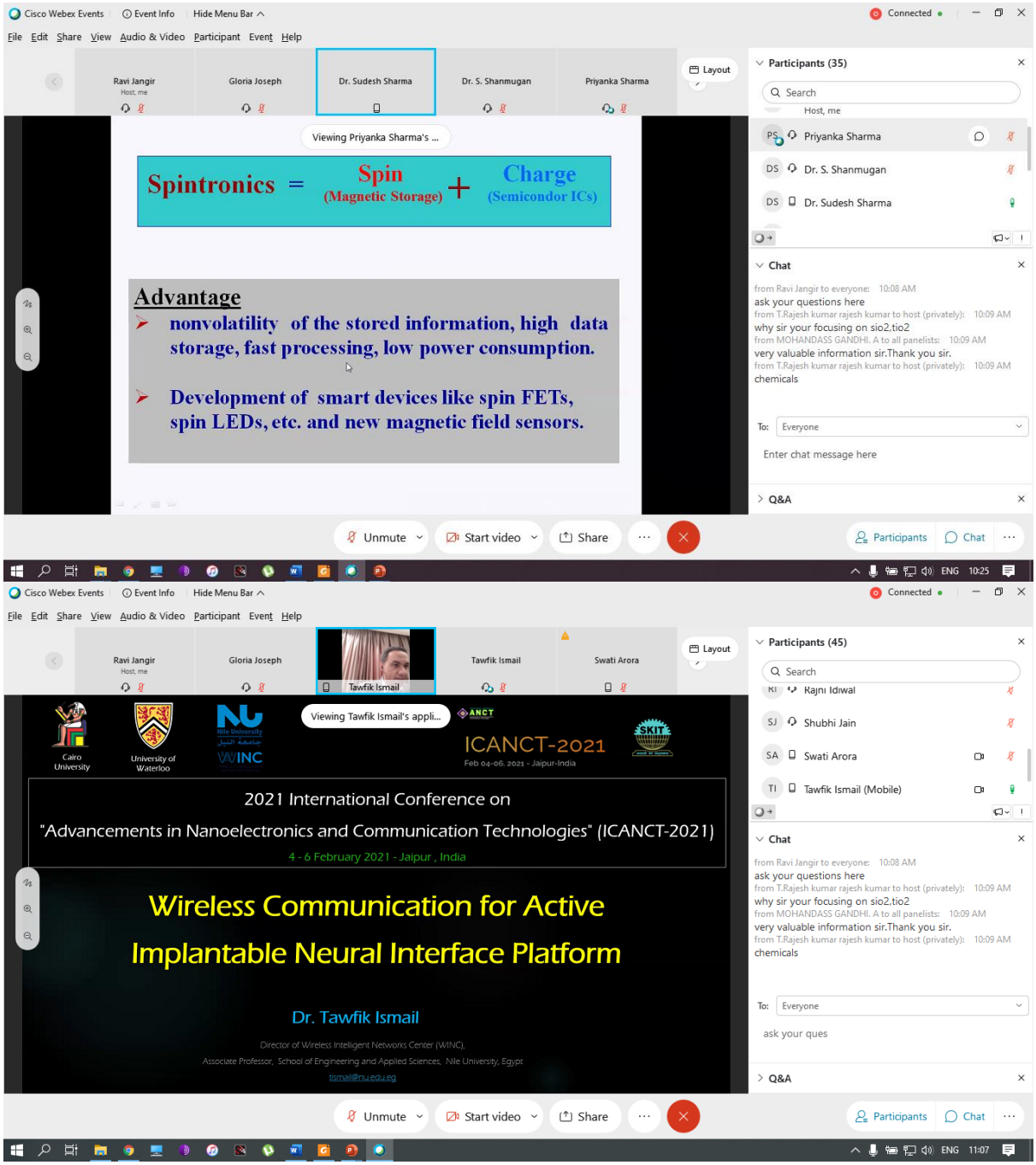
Cisco Webex Events
Event Info
Hide Menu Bar
Connected
File Edit Share View Audio & Video Participant Event Help
Ravi Jangir
Host, me
Gloria Joseph
Heena Rathore
monika mathur
Praveen Kumar Jain
Mental : Human Brain
inference about sensory causes
$P(A \mid B) = \frac{P(B \mid A) \cdot P(A)}{P(B)}$
A, B = events
$P(A|B)$ = probability of A given B is true
$P(B|A)$ = probability of B given A is true
$P(A), P(B)$ = the independent probabilities of A and B
noisy and ambiguous signals
4 February 2021
Dr Heena Rathore
15
Participants (55)
Search
Panelist: 9
Ravi Jangir Host, me
Heena Rathore
Gloria Joseph
monika mathur
Praveen Kumar Jain
Priyanka Sharma
Rajni idiwal
SHUBHI JAIN
Swati Arora
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 10:33

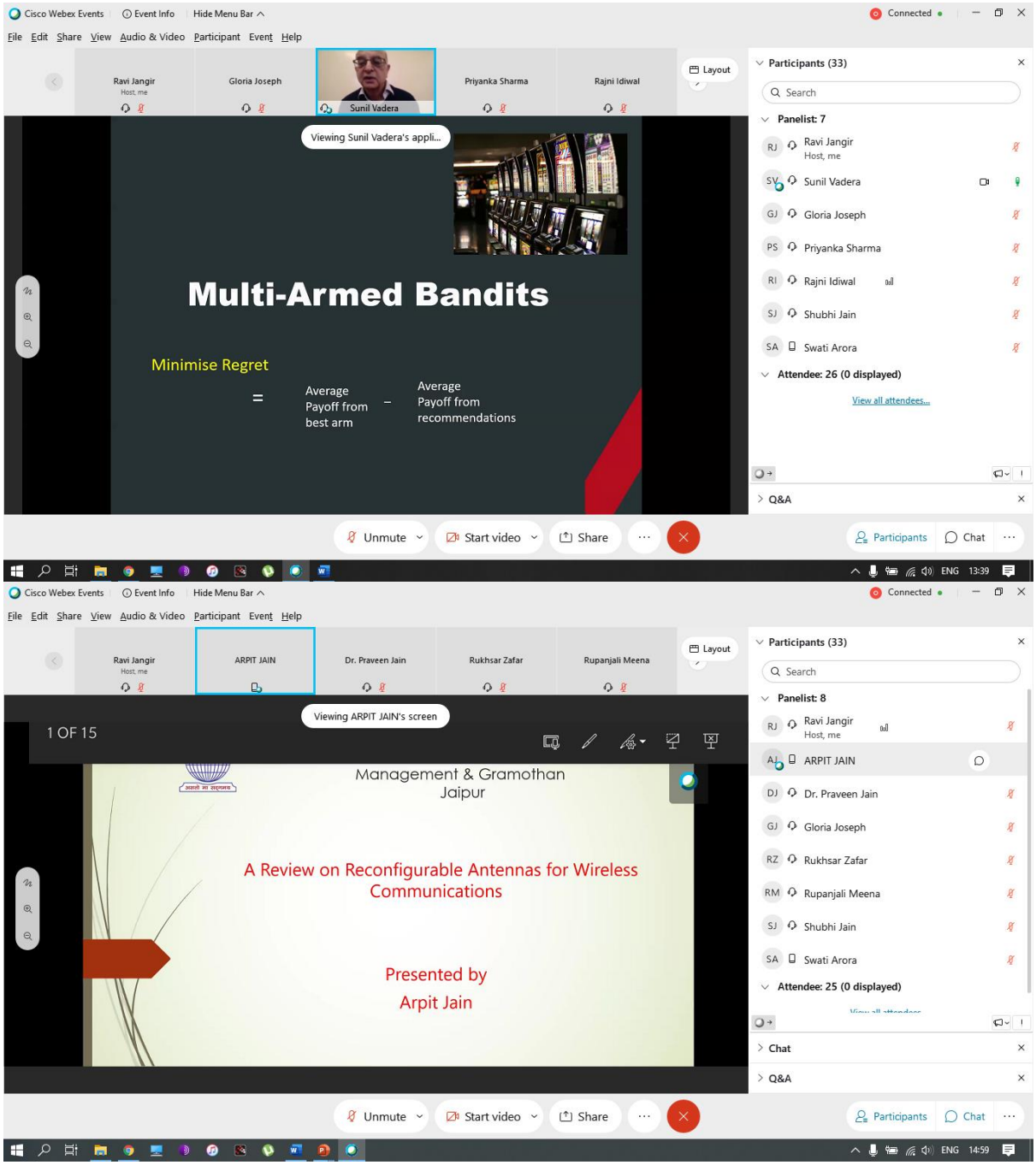

Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Gloria Joseph
Chithambaram VENKATE...
Praveen Kumar
Praveen Kumar Jain
Participants (48)
Search
Panelist: 8
Ravi Jangir
Host, me
Chithambaram VENKATESAN
Gloria Joseph
Chat
from Ravi Jangir to everyone: 10:58 AM
ask your questions here
To: Everyone
Enter chat message here
16.3KB/s
11:18 AM
29%
I%20CANCT%20%20%202021 - Saved
•Electro-optic switches
Light in
Waveguide 1
Waveguide 2
V
d
V=0
Notes
Comments
Unmute
Start video
Share
Participants
Chat
ENG
11:18
Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Gloria Joseph
Praveen Kumar
Praveen Kumar Jain
Participants (36)
Search
Panelist: 9
Ravi Jangir
Host, me
Praveen Kumar
Gloria Joseph
Chat
from Ravi Jangir to everyone: 10:58 AM
ask your questions here
To: Everyone
Enter chat message here
Available Energy Sources
World energy consumption
Coal 900
23.3 TW Year 2040
17.9 TW Year 2018
Uranium 90-300
Oil 240
Gas 215
Solar 173000 TW
Wind 25-70 TW
OTES 3-11 TWy
Biomass 2-6 TWy
Hydro 3-4 TWy
Geothermal 0.3-2 TWy
Finite energy reserves (total retrievable energy)
Renewable energy resources (annual potential)
M. Perez and R. Perez, IEA-SHCP-Newsletter, 2015, vol. 62.
ICANCT-2021
February 05, 2021
Unmute
Start video
Share
Participants
Chat
ENG
12:16

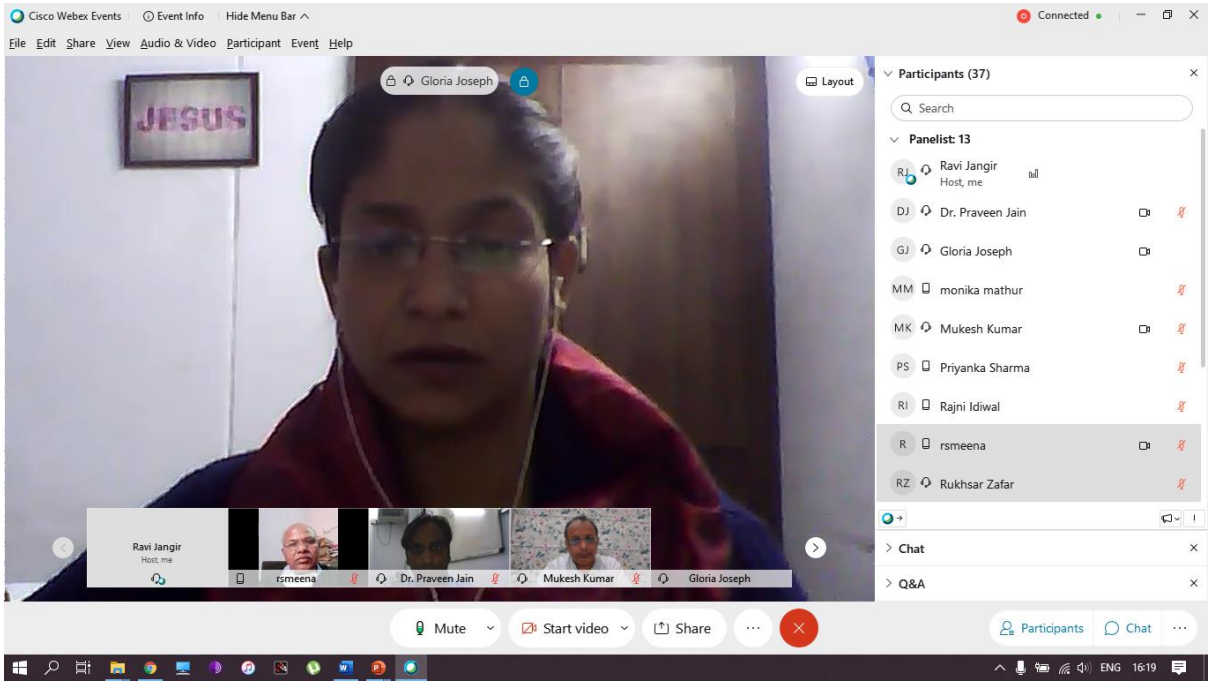

Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Priyanka Sharma
Devidas Patil
shubhi Jain
Swati Arora
Participants (42)
Search
Panelist: 5
Ravi Jangir
Host, me
Devidas Patil
Priyanka Sharma
shubhi Jain
Swati Arora
Attendee: 37 (0 displayed)
View all attendees...
Hydrogen Sulfide Hazard
Conc. of
H2S in Air Toxic Symptoms
1 ppm Odor detected, irritation of respiratory track
10 ppm Allowable for 8 hours exposure (OSHA)
20 ppm Protective equipment is necessary
100 ppm Smell killed in 5 to 15 minutes. May burn
Page 18 / 107
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 14:10
Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Devidas Patil
Workneh Wolde
Dr. Praveen Jain
Swati Arora
Layout
Participants (51)
Search
Panelist: 9
Viewing Workneh Wolde's a...
Designing and Analysis of Tunable Compressive Sensing System to Stablish Spatial Invariance in Fingerprint Image Detection
Workneh Wolde
Sharda University, Greater Noida
Department of Electronics and Communication Engineering
2/5/2021
International Conference on Advancements in Nanoelectronics and Communication Technologies (ICANCT-2021)
Ravi Jangir
Host, me
Workneh Wolde
Devidas Patil
Dr. Praveen Jain
Gloria Joseph
Priyanka Sharma
Rajni Idiwal
shubhi Jain
Swati Arora
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 14:56


Cisco Webex Events
Event Info
Hide Menu Bar
Connected
File Edit Share View Audio & Video Participant Event Help
Ravi Jangir
Host, me
Gloria Joseph
Praveen Kumar Jain
Satyendra Kumar
Swati Arora
Layout
Viewing Satyendra Kumar's ...
Existing Simulation Results[22]
Jsc (mA/Cm²)
Voc (V)
FF (%)
η %
wp (μm)
wp (μm)
ICANCT-2021
Fig 7. Simulation Results of CdS-CZTSSe [22]
Participants (38)
Search
Panelist: 8
Ravi Jangir Host, me
Satyendra Kumar
Gloria Joseph
Praveen Kumar Jain
Rajni Idiwal
Shubham Udsaria
shubhi Jain
Swati Arora
Attendee: 30 (0 displayed)
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 15:38

Cisco Webex Events
Event Info
Hide Menu Bar
Connected
File Edit Share View Audio & Video Participant Event Help
Ravi Jangir
Host, me
Dr. S. Shanmugan
Gloria Joseph
Priyanka Sharma
Rajni Idiwal
Layout
Viewing Dr. S. Shanmugan's...
KLEF
KONERU LAKSHMAIAH EDUCATION FOUNDATION
(Deemed to be university estd, u/s, 3 of the UGC Act, 1956)
(NAAC Accredited "A" Grade University)
Recent Smart Nano-Materials Used for Solar Thermal Applications
Dr. S. SHANMUGAN, M.Sc, M. Tech., Ph.D,
Research Centre for Solar Energy,
Department of Physics,
Koneru Lakshmaiah Education Foundation, Vijayawada, Andhra Pradesh, India.
Cell number: +91 9865258522, +91 6382027920 (WhatsApp's)
Email ID: s.shanmugam1982@gmail.com.
Participants (24)
Search
Panelist: 6
Ravi Jangir Host, me
Dr. S. Shanmugan
Gloria Joseph
Priyanka Sharma
Rajni Idiwal
SHUBHI JAIN
Attendee: 18 (0 displayed)
View all attendees...
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 09:25


Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Gloria Joseph
Dr. Sudesh Sharma
Dr. S. Shanmugan
Priyanka Sharma
Layout
Participants (35)
Search
Viewing Priyanka Sharma's ...
Spintronics = Spin (Magnetic Storage) + Charge (Semicondor ICs)
Advantage
nonvolatility of the stored information, high data storage, fast processing, low power consumption.
Development of smart devices like spin FETs, spin LEDs, etc. and new magnetic field sensors.
Chat
from Ravi Jangir to everyone: 10:08 AM
ask your questions here
from T.Rajesh kumar rajesh kumar to host (privately): 10:09 AM
why sir your focusing on sio2,tio2
from MOHANDASS GANDHI. A to all panelists: 10:09 AM
very valuable information sir.Thank you sir.
from T.Rajesh kumar rajesh kumar to host (privately): 10:09 AM
chemicals
To: Everyone
Enter chat message here
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 10:25
Tawfik Ismail
Swati Arora
Participants (45)
Viewing Tawfik Ismail's appli...
ICANCT-2021
Feb 04-06, 2021 - Jaipur-India
2021 International Conference on
"Advancements in Nanoelectronics and Communication Technologies" (ICANCT-2021)
4 - 6 February 2021 - Jaipur , India
Wireless Communication for Active
Implantable Neural Interface Platform
Dr. Tawfik Ismail
Director of Wireless Intelligent Networks Center (WINC),
Associate Professor, School of Engineering and Applied Sciences, Nile University, Egypt
Rajni Idiwal
Shubhi Jain
Swati Arora
Tawfik Ismail (Mobile)
ask your ques
ENG 11:07


Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
Gloria Joseph
Sunil Vadera
Priyanka Sharma
Rajni Idiwal
Layout
Viewing Sunil Vadera's appli...
Multi-Armed Bandits
Minimise Regret
=
Average Payoff from best arm
–
Average Payoff from recommendations
Participants (33)
Search
Panelist: 7
Ravi Jangir Host, me
Sunil Vadera
Gloria Joseph
Priyanka Sharma
Rajni Idiwal
Shubhi Jain
Swati Arora
Attendee: 26 (0 displayed)
View all attendees...
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 13:39
Cisco Webex Events
Event Info
Hide Menu Bar
File Edit Share View Audio & Video Participant Event Help
Connected
Ravi Jangir
Host, me
ARPIT JAIN
Dr. Praveen Jain
Rukhsar Zafar
Rupanjali Meena
Layout
Viewing ARPIT JAIN's screen
1 OF 15
Management & Gramothan
Jaipur
A Review on Reconfigurable Antennas for Wireless Communications
Presented by
Arpit Jain
Participants (33)
Search
Panelist: 8
Ravi Jangir Host, me
ARPIT JAIN
Dr. Praveen Jain
Gloria Joseph
Rukhsar Zafar
Rupanjali Meena
Shubhi Jain
Swati Arora
Attendee: 25 (0 displayed)
Chat
Q&A
Unmute
Start video
Share
Participants
Chat
ENG 14:59



Day 3

Media Coverage

एसकेआईटी में अन्तर्राष्ट्रीय कॉन्फ्रेंस

जयपुर (सीमा सन्देश)।

जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोथान (एसकेआईटी) में इलेक्ट्रॉनिक एवं कम्यूनिकेशन डिपार्टमेंट के द्वारा एडवांसमेंट इन नैनो इलेक्ट्रॉनिक्स एंड कम्यूनिकेशन टेक्नोलॉजी पर तीन दिवसीय अन्तर्राष्ट्रीय कॉंफ्रेंस का आयोजन किया गया। इसके उद्घाटन कार्यक्रम के मुख्य अतिथि डॉ आरके सोनी (निदेशक अटल एकेडमी एआईसीटीई, नई दिल्ली) व विशिष्ट अतिथि प्रो.किशोर कुमार सदासिवनी (कतर यूनिवर्सिटी,कतर) एवं प्रो. बार्दुल हिशाम बिन अहमद (टेक्निकल यूनिवर्सिटी मलेशिया) थे। मुख्य अतिथि डॉ. आरके सोनी ने नैनो इलेक्ट्रॉनिक्स के विभिन्न आयामों व विभिन्न नवीनतम तकनीकियों में उपलब्ध अवसरों से सभी को अवगत कराया।

उन्होंने एआईसीटीई द्वारा संचालित विभिन्न ट्रेनिंग प्रोग्राम की सफलता का भी जिक्र किया। उन्होंने बताया कि आगे भी इस तरह का विकासात्मक कार्यक्रम ऑनलाइन और ऑफलाइन दोनों माध्यमों के सहयोग से चलेगा। समन्वयक प्रो. प्रवीण कुमार जैन ने इस कॉन्फ्रेंस की उपयोगिता को समझाते हुए नैनो इलेक्ट्रॉनिक्स के भविष्य की संभावनाओं के बारे में बताया। एसकेआईटी के अकादमिक निदेशक प्रो. एसएल सुराणा ने संस्था की उपलब्धियों से सभी गणमान्य नागरिकों को परिचित करवाते हुए बताया कि संस्थान उद्योगों की सांझेदारी से शोध के क्षेत्र में निरंतर कार्य कर रहा है। विभागाध्यक्ष प्रो. मुकेश अरोड़ा ने सभी अतिथियों का स्वागत किया व डॉ. मोनिका माथुर ने आभार जताया। पहले दिन तीन विशेषज्ञ व्याख्यान हुए और दो सत्रों में प्रतिभागियों ने शोध पत्र प्रस्तुत किये। प्रो. किशोर कुमार ने पॉलिमर बेस्ड नैनो कंपोजिस्ट के एप्लीकेशंस पर चर्चा की। उन्होंने अपने रिसर्च अनुभवों को साझा करते हुए बताया कि एसिटोन लेवल की मॉनिटरिंग करके डाइबिटीज को नॉन एंजाइमेटिक सेंसर्स की मदद से डिटेक्ट किया जा सकता है।

प्रो. बार्दुल ने लो-टेंपरेचर को-फायर्ड सेरामिक तकनीक के भविष्य के अवसरों को बताया। डॉ. यासीरा इस्माइल (सहायक प्रो. दक्षिण अफ्रीका) ने क्वांटम कम्यूनिकेशन के विभिन्न आयामों तथा चुनौतियों पर विस्तृत चर्चा की। संचालन ग्लोरिया जोसेफ (सहायक प्रो. ईसीई) ने किया।