



**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
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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 Idawal

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** enlightened all of us with motivational speech about this conference.

Dr. Kishore Kumar Sadasivuni delivered 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 delivered 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 delivered 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 delivered 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 delivered 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 Wireless Technology, Nile University, Egypt delivered 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 delivered 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, communication 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	Affiliation
1	Dr. R. K Soni	Director, Atal Academy, AICTE, New Delhi
2	Dr. Kishore Kumar Sadasi vuni	Professor, Center for Advanced Materials, Qatar University, Qatar & Managing Director, Journal of Emergent Materials (Springer)
	Dr. Badrul Hisham Ahmad	Professor, Universiti Teknikal Malaysia (UTeM), Malaysia
5	Dr. Yaseera Ismail	Assistant Professor, University of KwaZulu-Natal, South Africa
6	Prof. S K Bhatnagar,	Director Research, SKIT Jaipur
7	Dr. Monika Mathur,	Associate Professor, SKIT Jaipur
8	Dr. Heena Rathore	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, koneru Lakshmaiah 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 Wireless Technology 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	Experimental investigation on the performance of a solar still using nanolayers
10	Materials Innovations for H ₂ 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 enabled Accident 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 Microstrip Filter 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 nanoscale heterostructure GaInP/AlGaInP red laser for the applications 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 Kumar Sadasivuni Professor, Center for Advanced Materials, Qatar University, Qatar & Managing Director, Journal of Emergent Materials (Springer) Guest of Honor-2 Dr. Badrul Hisham Ahmad Professor, Universiti Teknikal Malaysia (UTeM), Malaysia
10:45 am- 11:45am (WebEx Platform)	Keynote Talk-1 Dr. Kishore Kumar Sadasivuni Professor, Center for Advanced Materials, Qatar University, Qatar
11:50 am- 12:50 pm (WebEx Platform)	Keynote Talk-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, Director Research, SKIT Jaipur Paper Presentation ID: 2,4,5,6,7,8
	Session Chair: Dr. Monika Mathur, Associate Professor, SKIT Jaipur Paper Presentation ID: 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	worknehwole11@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 Microstrip Filter Based on DNG	ravi.jangir@skit.ac.in
15	Ms.	Gloria	Swami Keshvanad	Design and Analysis of LH Miniaturized	shubhijain1

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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

44	Mr.	Ankit Agarwal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	IoT Based Smart Agricultural Monitoring System for Soil and Atmospheric Parameters	ishanrajvanshi666@gmail.com
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
47	Mr.	Sunil Lakhawat	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	padmakshija in231@gmail.com
61	Ms.	Priyanka Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshija in231@gmail.com
62	Mr.	Puneet Mathur	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshija in231@gmail.com
63	Dr.	Praveen Kumar Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Image Text to Speech Conversion using OCR technique	padmakshija in231@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	2308parulsiha@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	2308parulsi nha@gmail. com
75	Mr.	Mayank Jain	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsi nha@gmail. com
76	Dr.	Rukhsar Zafar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsi nha@gmail. com
77	Mr.	Ankit Agarwal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsi nha@gmail. com
78	Ms.	Pooja Choudhary	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsi nha@gmail. com
79	Mr.	Pallav Rawal	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Human life savior flex sensor based Robotic Hand	2308parulsi nha@gmail. com
80	Dr.	Manjit Singh Bhamrah	Punjabi University, Patiala, Punjab	Routing of Terahertz Channels in Reconfigurable DWDM Digitally Switched Network	arunarani70 @gmail.co m
81	Dr.	Sanjeev Dewra	Shaheed Bhagat Singh State Technical, Campus, Ferozepur	Routing of Terahertz Channels in Reconfigurable DWDM Digitally Switched Network	arunarani70 @gmail.co m
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@g mail.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@g mail.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@g mail.com
85	Ms.	Shilpi Sharma	Amity University, Noida, Uttar Pradesh	AI In Agriculture Using UAV To Detect Weeds	karanpvrma @gmail.co m
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	yazushashar ma@gmail. com
88	Ms.	Ritambhara	Jaipur Engineering College and Research centre, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushashar ma@gmail. com

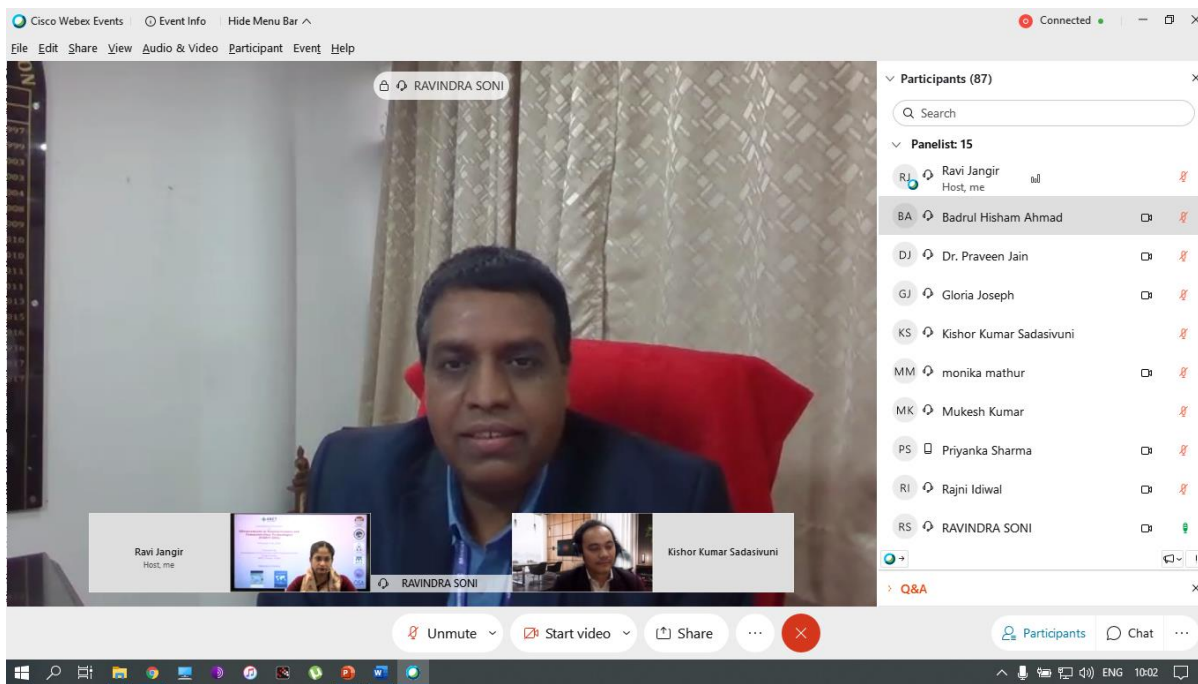
89	Dr.	Rukhsar Zafar	Swami Keshvanad Institute of Technology, Management and Gramothan, Jaipur	Highly Birefringent Photonic Crystal Fiber based Refractive index Sensor	yazushasharma@gmail.com
90	Dr.	Shubhi Jain	Arya College Of Engineering & Information Technology, Jaipur	Reconfigurable RF MEMS PIFA Antenna: 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	padmakshijin231@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	Site and Technology	jayash87@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 Microstrip Filter 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

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GJ	Gloria Joseph			
KS	Kishor Kumar Sadasivuni			
MM	monika mathur			
MK	Mukesh Kumar			
PS	Priyanka Sharma			
RI	Rajni Idwal			
RS	RAVINDRA SONI			

Q&A

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monika mathur

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PS	Priyanka Sharma			
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Speaking: monika mathur

Gloria Joseph

ANCT

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

Ravi Jangir
Host, me

monika mathur

Gloria Joseph

RAVINDRA SONI

Badrul Hisham A...

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- MK Mukesh Kumar
- PS Priyanka Sharma
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- RS RAVINDRA SONI

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Badrul Hisham Ahmad
Dr. Praveen Jain
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Research in Smart Textiles?

1. Gloves, 3D printing

2. Cleaning device, (UV+Temp+Microwave)

1. Breath analyser, calorimetry

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Badrul Hisham Ahmad
Dr. Praveen Jain
Layout

Smart Nano Solutions Group

SENSORS

Problems detection by sensors

Quantum Resistive Sensor

PIEZOELECTRICS

Energy generation (piezoelectric materials)

Piezoelectric Crystal

ACTUATORS

Simple light weight polymer based actuators

Tactile Actuator

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Badrul Hisham Ahmad
Dr. Praveen Jain
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Panelist: 13

- RJ Ravi Jangir Host, me
- KS Kishor Kumar Sadasivuni
- BA Badrul Hisham Ahmad
- DJ Dr. Praveen Jain
- MM monika mathur
- MK Mukesh Kumar
- PS Priyanka Sharma
- RI Rajni Idiwai
- RZ Rukhsar Zafar
- SB Satish Bhatnagar

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Ravi Jangir Host, me
Kishor Kumar Sada...
monika mathur
Badrul Hisham Ahmad
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Participants (79)

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Panelist: 13

- RJ Ravi Jangir Host, me
- KS Kishor Kumar Sadasivuni
- BA Badrul Hisham Ahmad
- DJ Dr. Praveen Jain
- MM monika mathur
- MK Mukesh Kumar
- PS Priyanka Sharma
- RI Rajni Idiwai
- RZ Rukhsar Zafar
- SB Satish Bhatnagar

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Kishor Kumar Sada...
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Dr. Praveen Jain
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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/>

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Ravi Jangir Host, me
Gloria Joseph
Kishor Kumar Sadasivuni
Dr. Praveen Jain

Introduction

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.

Figure 1: Standard process of LTCC

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Participants (63)
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Panelist: 10
Ravi Jangir Host, me
Kishor Kumar Sadasivuni
Badrul Hisham Ahmad
Dr. Praveen Jain

Chat
from Rajni Idwal to everyone: 10:44 AM
Participants If you have any query you can raise your hand or can type your query in the chat box. We will put forward your query at end of talk.
To: All Attendees
Enter chat message here
Q&A

Participants (62)
Search

Panelist: 9
Ravi Jangir Host, me
Badrul Hisham Ahmad
Dr. Praveen Jain
Gloria Joseph
Kishor Kumar Sadasivuni

Chat
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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Q&A

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Gloria Joseph

Yaseera Ismail

Dr. Praveen Jain

Priyanka Sharma

UNIVERSITY OF KWAZULU-NATAL
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

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Panelist: 7

RJ Ravi Jangir
Host, me

YL Yaseera Ismail

DJ Dr. Praveen Jain

GJ Gloria Joseph

PS Priyanka S...

RI Rajni Idwal

SA Swati Arora

Attendee: 20 (0 displayed)

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Yaseera Ismail

Ravi Jangir
Host, me

Dr. Praveen Jain

Priyanka Sharma

Yaseera Ismail

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SB S.K. Bhatnagar

SJ shubhi jain

SA 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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Q&A

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Participants (60)

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Panelist: 8

RJ Ravi Jangir Host, me

UA Umme Afruz

DJ Dr. Praveen Jain

MM 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

Enter chat message here

Q&A

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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

Day 2

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Ravi Jangir
Host, me

Heena Rathore

monika mathur


Priyanka Sharma

How Did we React to Pandemic?




Non-pharmaceutical interventions
Stay at home
Social Distancing

Awareness about hygiene
Masks
Washing hands



Testing
Mobile test centers
Quarantine

Treatment
Healthcare workers
ICU supports



Pharmaceutical Research
Medicines
Vaccines

4 February 2021 Dr Heena Rathore 3

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Ravi Jangir
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Gloria Joseph

Heena Rathore


monika mathur

Praveen Kumar Jain

Mental : Human Brain



inference about sensory causes



noisy and ambiguous signals

$$P(A | B) = \frac{P(B | A) \cdot P(A)}{P(B)}$$

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

4 February 2021 Dr Heena Rathore 15

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Panelist: 7
RJ Ravi Jangir Host, me
HR Heena Rathore
GJ Gloria Joseph
MM monika mathur
PS Priyanka Sharma
RI Rajni idwal
SJ SHUBHI JAIN
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Q&A

29 | Page

ICANCT - 2021

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Ravi Jangir
Host, me
Priyanka Sharma
shubhi Jain
Swati Arora
Devidas Patil

Hydrogen Sulfide Hazard

Conc. of H_2S 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

Participants (42)
Search
Panelist: 5
RJ Ravi Jangir
Host, me
DP Devidas Patil
PS Priyanka Sharma
SJ shubhi Jain
SA Swati Arora
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Ravi Jangir
Host, me
Devidas Patil
Workneh Wolde
Dr. Praveen Jain
Swati Arora
Layout

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)

Participants (51)
Search
Panelist: 9
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Host, me
W Workneh Wolde
DP Devidas Patil
DJ Dr. Praveen Jain
GJ Gloria Joseph
PS Priyanka Sharma
RI Rajni Idwal
SJ shubhi Jain
SA Swati Arora
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Ravi Jangir Host, me
Gloria Joseph
Dr. Sudesh Sharma
Dr. S. Shanmugan
Priyanka Sharma
Layout

Viewing Priyanka Sharma's ...

Spintronics = Spin (Magnetic Storage) + Charge (Semiconductor 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.

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Participants (35)
Search
Host, me
Priyanka Sharma
Dr. S. Shanmugan
Dr. Sudesh Sharma
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

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Ravi Jangir Host, me
Gloria Joseph
Tawfik Ismail
Swati Arora
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Viewing Tawfik Ismail's appli...

Cairo University
University of Waterloo
Nile University

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
tawfik@nu.edu.eg

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Participants (45)
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Kajni Idwal
Shubhi Jain
Swati Arora
Tawfik Ismail (Mobile)
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
ask your ques
Q&A

Cisco Webex Events
Event Info
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Ravi Jangir Host, me
Gloria Joseph
Sunil Vadera
Priyanka Sharma
Rajni Idwal
Layout

Viewing Sunil Vadera's appli...

Multi-Armed Bandits

Minimise Regret

$$\text{Average Payoff from best arm} = \text{Average Payoff from recommendations}$$

Participants (33)
Search
Panelist: 7
RJ Ravi Jangir Host, me
SV Sunil Vadera
GJ Gloria Joseph
PS Priyanka Sharma
RI Rajni Idwal
SJ Shubhi Jain
SA Swati Arora
Attendee: 26 (0 displayed)
View all attendees...
Q&A

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Participants Chat

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Connected

File Edit Share View Audio & Video Participant Event Help

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
RJ Ravi Jangir Host, me
AJ ARPIT JAIN
DJ Dr. Praveen Jain
GJ Gloria Joseph
RZ Rukhsar Zafar
RM Rupanjali Meena
SJ Shubhi Jain
SA Swati Arora
Attendee: 25 (0 displayed)
View all attendees...
Chat
Q&A

Unmute Start video Share
Participants Chat



Day 3



Media Coverage

एसकेआईटी में अन्तर्राष्ट्रीय कॉन्फ्रेंस

जयपुर (सीमा सन्देश)।

जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एंड

अतिथि डॉ. आरके सोनी ने नैनो इलेक्ट्रॉनिक्स के विभिन्न आयामों व विभिन्न नवीनतम तकनीकियों में उपलब्ध अवसरों से सभी को अवगत कराया।

परिचित करवाते हुए बताया कि संस्थान उद्योगों की साझेदारी से शोध के क्षेत्र में निरंतर कार्य कर रहा है। विभागाध्यक्ष प्रो. मुकेश अरोड़ा ने सभी अतिथियों का



ग्रामोथान (एसकेआईटी) में इलेक्ट्रॉनिक एवं कम्युनिकेशन डिपार्टमेंट के द्वारा एडवांसमेंट इन नैनो इलेक्ट्रॉनिक्स एंड कम्युनिकेशन टेक्नोलॉजी पर तीन दिवसीय अन्तर्राष्ट्रीय कॉन्फ्रेंस 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

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

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 एसटीन लेवल की मॉनिटरिंग करके डाइबिटीज को नॉन एंजाइमेटिक सेंसर्स की मदद से डिटेक्ट किया जा सकता है।

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