

IICI-23 Technical Paper Presentation Schedule					
Date	Time	Hall No	Paper ID	Paper Title	Authors
Hall-1: Technical Session-1 (Time: 12.00-13.00 Hrs)					
4-May-23	12.00-12.20	1	2	Role of AI & ML for state-of-art Design of THz-TWT for 6G Wireless Communication System	Vishnu Srivastava (CSIR-CEERI)*
4-May-23	12.20-12.40	1	61	HIGH POWER GAN HEMT BASED SSPA	Amit Tiwari (Bharat Electronics Limited)*
4-May-23	12.40-13.00	1	10	A Uniform Circular Array Antenna for Orbital Angular Momentum (OAM) Beam Generation with Azimuthal Symmetry	Madasu Venkateswara Rao (National institute of technology Andhra pradesh); Yuvaraj Sivasubramanian (National Institute of Technology Andhra Pradesh)*; Kartikeyan Machavaram (IIT Roorkee)
Hall-2: Technical Session-2 (Time: 12.00-13.00 Hrs)					
4-May-23	12.00-12.20	2	52	Intelligent Reflecting Surface with Trifilar for MIMO Link in Indoor Propagation Scenarios	Anjali Chauhan (Altair engineering)*; Anudeep Bellary (Altair Engineering); Soundarya Venkatesan (Altair engineering)
4-May-23	12.20-12.40	2	49	Full-Duplex Radios: A Survey on AI/ML Based SIC and Use-Cases for 5G-Advanced and 6G Networks	Vivek Chaudhary (Lekha Wireless Solutions Pvt. Ltd., Bengaluru)*; Sreenath Ramanath (Lekha Wireless)
4-May-23	12.40-13.00	2	15	Implementation of Phase Compensation and PRACH channel Modules for 7.2x split Based 5G NR Open Radio Unit	Hari Krishna Boyapati (BEL)*; Suma Reddy (CRL BEL); Shashikanth Y (C)
Hall-3: Technical Session-3 (Time: 12.00-13.00 Hrs)					
4-May-23	12.00-12.20	3	3	Ensemble Classification-Based Spectrum Sensing Using SVM for CRN	RAJ SINGH (Central Research Laboratory, Bharat electronics limited); SANDEEP KUMAR (Central Research Laboratory, Bharat electronics limited)*; MANPREET KAUR (Central Research Laboratory, Bharat electronics limited)
4-May-23	12.20-12.40	3	37	Dynamic Spectrum Access for 6G Wireless Networks enabled by Machine Learning	Sridhar Iyer (KLEMSSCET)*; Anita Patil (SGBIT)
4-May-23	12.40-13.00	3	60	Implementation of Management plane for 5G NR Open Radio Unit using Network configuration protocol	Pradeepthi Kolla (Bharat Electronics Limited)*; Shashikant Chaudhary (Bharat Electronics Limited); Sailaja Ungati (Bharat Electronics Limited)
Hall-4: Technical Session-4 (Time: 12.00-13.00 Hrs)					
4-May-23	12.00-12.20	4	64	A Comparative Study of Hybrid Beamforming for 5G NR mmWave and Massive MIMO	Preeti Jharia (Bharat Electronics Limited)*; Sreedhar T. V. S (Bharat Electronics Limited); Shashikant Y. Chaudhari (Bharat Electronics Limited)
4-May-23	12.20-12.40	4	35	Non-Orthogonal Multiple Access in Cognitive Radio Network	Smita Sameer Tikar (Cummins College of Engg. for Women, Pune)*; Dr. Rajendrakumar A Patil (COEP, Pune)
4-May-23	12.40-13.00	4	56	Digital Agriculture Revolution with 5G, Mobile Edge Computing and Deep learning	Divyakriti Masaun (Bharat Electronics Ltd.)*; Shobha Rani G (Bharat Electronics Limited)
Hall-1: Technical Session-5 (Time: 15.00-16.00 Hrs)					
4-May-23	15.00-15.20	1	4	A Trophy Shaped Monopole SWB Antenna and AI Optimization Techniques	Pooja N Bhatt (IPS Academy, Institute of Engineering & Science)*; Rashmi A Pandhare (IIIT NAGPUR)
4-May-23	15.20-15.40	1	53	A compact circular 5G antenna with TU-shaped design for microwave applications	Dr. Manish Varun Yadav (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL)*; Khushboo Daga (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL); Jeevan V (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL); Sanjay S Prabhu (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL); Sammed S Muppene (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL)

4-May-23	15.40-16.00	1	54	High efficient central feed compact antenna for 5G microwave applications	Dr. Manish Varun Yadav (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL)*; Hathim Mohd (Mit); Tanisha Naga Sathiss (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL); Munnavar ME (MANIPAL INSTITUTE OF TECHNOLOGY, MAHE, MANIPAL)
				Hall-2: Technical Session-6 (Time: 15.00-16.00 Hrs)	
4-May-23	15.00-15.20	2	6	Stand Alone or Non Stand Alone 5G Tactical Edge Network Architecture for Military and Use Case Scenarios	Mandeep MM Malik (IIIT Nagpur)*
4-May-23	15.20-15.40	2	38	Developing a Reliable Surveillance System Using Thermal Cameras	Shreya Maheshwari (BITS Pilani, Hyderabad Campus, India); Aditya Somani (BITS Pilani, Hyderabad Campus); Nikumani Choudhury (BITS Pilani Hyderabad Campus)*; Kumud Kumar Yadav (Military college of Electronics and Mechanical Engineering, Hyderabad)
4-May-23	15.40-16.00	2	70	MINIATURISATION OF MICROSTRIP BAND PASSFILTER FOR MODERN COMMUNICATION SYSTEMS	Harsh Dashora (ISRO)*; UGRA MOHAN ROY (MSRUAS)
				Hall-3: Technical Session-7 (Time: 15.00-16.00 Hrs)	
4-May-23	15.00-15.20	3	45	Learning based filtering approach for beyond 5G systems	Roshan S Sam (Lekha Wireless)*; Seetharam Kashyap (Lekha Wireless); Vishal Kalkundrikar (Lekha Wireless); Sreenath Ramanath (Lekha Wireless)
4-May-23	15.20-15.40	3	67	Real time SOC Prediction of a Lithium-ion battery using DNN on Edge AI	Adrish Ray (Jio Platforms Limited)*; Aatreyee Sarkar (Jio Platforms Limited); Anirudh Yadav (Jio Platforms Limited)
4-May-23	15.40-16.00	3	48	Path Planning for UAVs in the Next Generation Wireless Networks	Ipshita Panda (Lekha Wireless Solutions)*; Sreenath Ramanath (Lekha Wireless)
				Hall-4: Technical Session-8 (Time: 15.00-16.00 Hrs)	
4-May-23	15.00-15.20	4	42	Photonic Sensor and ANN: A two Stage Detection Methodology for Thyroid Cancer	Ranjeet Kumar Pathak (United College of Engineering and Research, Naini, Prayagraj)*
4-May-23	15.20-15.40	4	62	Feature based diagnosis of Polycystic Ovary Syndrome Using Machine Learning techniques	Prema N S (Vidyavardhaka College of Engineering)*
4-May-23	15.40-16.00	4	59	DATA ANALYTICS OF RESTAURANTS USING AI	BIJU BALAKRISHNAN (SIES Graduate School of Technology); Sakshi Narayan Gawali (SIES Graduate School of Technology)*; Sunny Tiwari (SIES GST); Shubhjeet Singh Kalsi (SIES Graduate School of Technology); Vishal U Naregal (SIES Graduate School of Technology)
				Hall-1: Technical Session-9 (Time: 12.00-13.00 Hrs)	
5-May-23	12.00-12.20	1	47	Learning based Hybrid Multiple Access Scheme for 5G-Advanced and 6G Networks	Abhinaba Dey (Lekha Wireless)*; Sreenath Ramanath (Lekha Wireless)
5-May-23	12.20-12.40	1	71	ML based Spectrum Occupancy Prediction for Cognitive Radio	Apurva Kittur (BEL)*; Bhavani Machnoori (BEL); Subha Eswaran (BEL)
5-May-23	12.40-13.00	1	80	Fronthaul Bit Rate Estimation for 7.2x split based 5G NR open Radio Unit	Pushpalata T (CRL, BEL)*; Shashikant Chaudhari (CRL BEL)
				Hall-2: Technical Session-10 (Time: 12.00-13.00 Hrs)	
5-May-23	12.00-12.20	2	66	Comparative Study of Cardiovascular Disease Prediction using Machine Learning	CHHAYA MANDAL (CDOT)*
5-May-23	12.20-12.40	2	65	Application of Deep Learning Algorithms in Detection of Diabetic Retinopathy	Rupesh G. Mundada (Shri Sant Gajanan Maharaj College of Engineering Shegaon)*; Devesh Nawgaje (Shri Sant Gajanan Maharaj College of Engineering)

5-May-23	12.40-13.00	2	72	Crack Detection and Classification using Deep Learning Models	Prajwal K (Dayananda Sagar Academy of Technology and Management)*; Sumaiya M N (Dayananda Sagar Academy of Technology and Management); Rao Sharavan Vasudev (Dayananda Sagar Academy of Technology and Management); Shreya K A (Dayananda Sagar Academy of Technology and Management); Thrishul R (Dayananda Sagar Academy of Technology and Management); Manjunatha Prasad R (Dayananda Sagar Academy of Technology and Management)
				Hall-3: Technical Session-11 (Time: 12.00-13.00 Hrs)	
5-May-23	12.00-12.20	3	21	Integrating AI and 5G for Prescriptive Maintenance in Automobile Industry	Karamvir Singh (Military College of Electronics and Mechanical Engineering)*
5-May-23	12.20-12.40	3	22	INTELLIGENT INTERCONNECTIVITY: THE FUSION OF AI AND IOT	Atul Kumar Shukla (MCEME,Secunderabad)*
5-May-23	12.40-13.00	3	24	Cell Free Massive MIMO	Gurpreet Singh Batra (MCEME)*
				Hall-4: Technical Session-12 (Time: 12.00-13.00 Hrs)	
5-May-23	12.00-12.20	4	81	Measurement of 5G QoS Parameters on Functional Network	Navin Kumar (Amrita University)*; Geetika Srivastava (Amrita School of Engineering); RAMYA V V (Amrita School of Engineering); Manoj Kumar Panda (Amrita)
5-May-23	12.20-12.40	4	23	Applications of 5G/6G and AI	Vivek Kumar Choubey (Central Government)*
5-May-23	12.40-13.00	4	79	Detection and Prohibition of Cyber Bullying using NLP and Sentiment Analysis	Balaji V (Easwari Engineering College); Sudheshna Chamala (Easwari Engineering College)*; Shimmy Roy Dasari (Easwari Engineering College); A Gavin Gladston (Easwari Engineering College)
				Hall-1: Technical Session-13 (Time: 15.00-16.00 Hrs)	
5-May-23	15.00-15.20	1	29	AI IMPLEMENTATION IN RADAR TECHNOLOGY FOR SELF RELIANT INDIA	Prashant M Menghal (MCEME)*; Prashant Agarwal (MCEME)
5-May-23	15.20-15.40	1	20	AI & 5G: A LETHAL DUO FOR REVOLUTIONIZING INDUSTRY 4.0 AND BUILDING SMART SYSTEMS	ABHIRUP DE (INDIAN ARMY)*
5-May-23	15.40-16.00	1	26	MASSIVE MIMO	GAURAV DUBEY (ARMY)*
				Hall-2: Technical Session-14 (Time: 15.00-16.00 Hrs)	
5-May-23	15.00-15.20	2	32	Design of Compact MIMO Antenna for Ultra Wide Band Applications	Bansilal Bairwa (REVA University Bengaluru); Mrinal Sarvagya (REVA)*
5-May-23	15.20-15.40	2	86	Wearable Antenna Design using Machine Learning for Defence Applications	SHIVA SHANKARI MARUTHAI (CARE COLLEGE OF ENGINEERING)*; Manimegalai B (Thiagarajar college of Engineering)
5-May-23	15.40-16.00	2	77	Multi-wideband Hybrid Shaped DGS assisted Dielectric Resonator Antenna for Radar & Satellite Communications	Dipanjan Dutta (Kalinga Institute of Industrial Technology)*; Sudhakar Sahu (KIIT University)
				Hall-3: Technical Session-7 (Time: 15.00-16.00 Hrs)	
5-May-23	15.00-15.20	3	69	Learning based Velocity Estimation for Next Generation Wireless Communication Systems	Mukund Sriram N Narasimhan (Lekha Wireless Solutions)*; Sreenath Ramanath (Lekha Wireless)
5-May-23	15.20-15.40	3	63	NETWORK INTRUSION DETECTION SYSTEM IN COMMUNICATION NETWORKS USING MACHINE LEARNING ALGORITHM	Akhil Teja Bupelli (Sathyabama University)*
5-May-23	15.40-16.00	3	76	Predicting Return Loss in 6G THz Antenna through Machine Learning Models	Rachit Jain (MITS Gwalior)*; Pramod Kumar Singhal (Madhav Institute of Technology & Science, Gwalior); Vandana vikas thakare (MITS Gwalior)

				Hall-4: Technical Session-8 (Time: 15.00-16.00 Hrs)	
5-May-23	15.00-15.20	4	75	Application of innovation diffusion theory with AI to usage behavior of blockchain adoption by private sector banks in India	Pooja Jain (Amity Business School, Amity University Gwalior)*; Rachit Jain (MITS Gwalior)
5-May-23	15.20-15.40	4	82	FPGA Based Intelligent Irrigation System in Agriculture Crops for Maximum Productivity and Profit	VIVEKANANDAN M (Rajalakshmi Institute of Technology)*; Kanaga Suba Raja S (SRM Easwari Engineering College); Usha Kiruthika S (NIIT Trichy); Balaji V (SRM Easwari Engineering College)
5-May-23	15.40-16.00	4	83	Identification of Currency by using Artificial Intelligence(SVM Algorithm)	v preethi (acet)*; A.N.S.S.L. Sahiti (acet); sushma vaddi (acet); sandeep menedi (acet)