

PROGRAMME SCHEDULE- ECE TRACK

DAY 1 - 28TH APRIL 2023

8:30 am to 9:30 am	Registration at Main Building, UCE, OU
9.15 am to 10.15 am	Inauguration at Assembly Hall, UCE, OU
10.15 am to 11.00 am	Tea Break
11.00 am to 11.30 am	<p>KEYNOTE ADDRESS – 1</p> <p>FROM THERMOSTATS TO INTELLIGENT SYSTEMS: MY LIFE IN CONTROL</p> <p>Dr. Kumpati S Narendra</p> <p>Harold W Cheel Professor Emeritus, Engineering, Yale University, USA</p> <p>Venue: Assembly Hall, UCEOU</p>
12.00 noon to 1.00 pm	<p>TECHNICAL PAPER PRESENTATIONS-1</p> <p>Venue: Seminar Hall, ECE Department</p> <p>Session Chairs: Er. P. Lakshman Rao(<i>OUECEAA, Hyderabad</i>), Prof. L. Nirmala Devi(<i>Osmania University, Hyderabad</i>)</p>
ICETE_ECE_1401	<p>IoT Based Energy Monitoring and Controlling System With Electric Billing using LabVIEW,</p> <p>Kalathiripi Rambabu, A Krishna Chaithanya, Hanija Ch, Ramya G (<i>BV Raju Institute of Technology, Medak, Telangana</i>)</p>
ICETE_ECE_2480	<p>IoT-based AI controller and Mobile App for Solar-Smart Hydroponics,</p> <p>Dr. Pallavi Khare (<i>Matrusri Engineering College Hyderabad</i>), Navdeep Khare (<i>Shri Shankaracharya Institute of Professional Management & Technology Raipur, Chhattisgarh</i>)</p>
ICETE_ECE_0694	<p>ROS based Autonomous Mobile Manipulator Robot</p> <p>B. M. Sufiyan Ali, Syeda Mehvish Anwar, M. A. Razaq Khan, Dr. Kaleem Fatima (<i>Muffakham Jah College of Engineering & Technology, Hyderabad</i>)</p>
ICETE_ECE_9484	<p>Platform Depended Certificate Generating Automatic System</p> <p>B. Sai Deepthi, K. Stella Rani, K. Srilekha, M. Mary Grace, Saikumar Tara (<i>BVRIT Hyderabad College of Engineering for Women, Hyderabad</i>)</p>
1:00 pm to 2:00 pm	Lunch Break
2.00 pm to 2.30 pm	<p>TECHNICAL PAPER PRESENTATIONS-2</p> <p>Venue: Seminar Hall, ECE Department</p> <p>Session Chairs: Prof. P. Naveen Kumar(<i>Osmania University, Hyderabad</i>), Dr. KCT Swamy(<i>GPCET, Kurnool</i>)</p>
ICETE_ECE_5981	<p>Stress Detection in Women Using Speech Analysis</p> <p>Dr.A. Sharada, R.Mamatha, K. Meghana, A. Monika (<i>G. Narayanamma Institute of Technology & Science, Hyderabad</i>)</p>
ICETE_ECE_2939	<p>A Contactless Door-Lock System for Attendance Tracking Using IOT-Based RFID Technology</p> <p>Archana Kalidindi, K Prasanna Lakshmi, ShashankJajimoggala, Saiteja Vodnala, Sandagala Arun Kumar, Yamsani Nitish (<i>Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad</i>)</p>
2.45 pm to 3.30 pm	<p>INVITED TALK - 1</p> <p>WAVEFORM DESIGN TO IMPROVE THE ESTIMATION OF TARGET PARAMETERS IN A MIMO-OFDM DUAL FUNCTION RADAR COMMUNICATION (DFRC) SYSTEM</p> <p>Prof. K V S Hari</p> <p>Professor, Department of ECE, Indian Institute of Science, Bangalore, India</p> <p>Venue: Seminar Hall, ECE Department</p>
3.30 pm to 3.45 pm	Tea Break
3:45 pm to 4.30 pm	<p>INVITED TALK- 2</p> <p>MULTI-RADIO DIVERSITY FOR NEXT-GEN COMMUNICATIONS</p>

Prof. Mohammed Zafar Ali Khan
 Professor, Indian Institute of Technology, Hyderabad, India
 Venue: Seminar Hall, ECE Department

TECHNICAL PAPER PRESENTATIONS-3

4.30 pm to 5.45 pm

Venue: Seminar Hall, ECE Department

Session Chairs: Dr. M Laxminarayana(*Unistring Tech Solutions, Hyderabad*),
 Prof. P. Chandra Sekhar(*Osmania University, Hyderabad*)

ICETE_ECE_716	A Log-Periodic Structure based Quasi-Yagi Antenna for Multiband Wireless Applications Sarala S. Shirabadagi, Veeresh G. Kasabegouda (<i>School of Engineering, Central University of Karnataka, Kalaburagi, Karnataka</i>)
ICETE_ECE_4483	Design of folded dipole antenna for harmonic radar Application Mukul Ratnakar, Ashish Meena, Preeti Dongaonkar (<i>LRDE, DRDO, Bangalore, Karnataka</i>)
ICETE_ECE_5027	Design of Self-Quadruplexing Quadruple Band SIW Antenna with High Isolation L.Srinivas, G.Arun kumar, Gopi Ram (<i>National Institute of Technology, Warangal</i>)
ICETE_ECE_7481	Design And Analysis of Fractal Antenna Geometry for Wideband Applications V Mahesh Naik, Amara Prakasa Rao Mada (<i>National Institute of Technology, Warangal</i>)
ICETE_ECE_8428	Design of a High Gain Low Profile Dipole Antenna using EBG Ground plane as a Reflector Sukh Das Ahirwar (<i>DLRL, Hyderabad</i>), Amar Prakasa Rao Mada (<i>National Institute of Technology, Warangal</i>)

DAY 2 - 29TH APRIL 2023

8:30 am to 9:30 am	Registration at Main Building, UCE, OU
9.30 am to 10.15 am	KEYNOTE ADDRESS – 2 THE FUTURE WITH GENERATIVE AI Er. Veena Gundavelli Founder & CEO, Emagia, USA Venue: Assembly Hall, UCEOU
10.15 am to 11.00 am	KEYNOTE ADDRESS – 3 PRIVACY AND SECURITY ISSUES IN SPEECH PROCESSING Dr. Bhiksha Raj School of Computer Science, Carnegie Mellon University, USA & Mohamed bin Zayed University of Artificial Intelligence, Masdar City, Abu Dhabi Venue: Assembly Hall, UCEOU
11:00 am to 11.30 am	Tea Break
11.30 am to 12.15 pm	INVITED TALK- 3 MULTIMODAL FOUNDATIONAL MODELS FOR FUSING MODALITIES Dr. Tanveer Syeda Mahmood IBM Fellow, Chief Scientist, IBM Research, Almaden, USA Venue: Seminar Hall, ECE Department
12.15 pm to 1.00 pm	TECHNICAL PAPER PRESENTATIONS- 4
	Venue: Seminar Hall, ECE Department
	Session Chairs: Prof. P. Ananth Raj(<i>Osmania University, Hyderabad</i>), Dr. Vijender Busi Reddy(<i>ADRIN-ISRO, Hyderabad</i>)
ICETE_ECE_1398	Segmentation of Images Using Level Set Method Based On Additive Bias Correction(LS-ABC)

	Ragotham Reddy Ganta, Sruthi Gudelli, Haindavi Boga, Sai Deepak Pokkula, Syed Waseem Ur Rayyan, Ramudu Kama (<i>Kakatiya Institute of Technology and Science, Warangal</i>)
ICETE_ECE_2022	Under Water Image Restoration and Enhancement Using Image Processing in MATLAB Swetha Mangali, Nikhitha Marri, Poojitha Narreddy, Ramesh Deshpande, B.R. Sanjeeva Reddy (<i>BV Raju Institute of Technology, Medak, Telangana</i>)
ICETE_ECE_5374	Robust Video watermarking Using Bacteria Foraging Optimization Ranjan K.Senapati, P.Bhavya Reddy, K.Thirumalesh, E.Vamshi Krishna(<i>VNR VJIET, Hyderabad</i>), PMK Prasad (<i>GVPCE for Women, Visakhapatnam, AP</i>)
1:00 pm to 2:00 pm	Lunch Break
2.00 pm to 2.45pm	TECHNICAL PAPER PRESENTATIONS-5 Venue: Seminar Hall, ECE Department Session Chair: Prof. P. Lakshminarayana(<i>NERTU, Osmania University, Hyderabad</i>), Prof. T. Satya Savitri(<i>JNTUH UCEST, Hyderabad</i>)
ICETE_ECE_761	DETECTION OF WEEDS BY USING MACHINE LEARNING P. Kavitha Reddy, R. Anirudh Reddy, M Abhishek Reddy, Kondani. Rohith, Katukam. Rahul, Katkam. Saiteja (<i>B.V. Raju Institute of Technology, Narsapur, Hyderabad</i>)
ICETE_ECE_8373	IoT BASED CROP RECOMMENDATION SYSTEM USING MACHINE LEARNING FOR SMART AGRICULTURE Dr. S. Siva Priyanka (<i>CBIT, Hyderabad</i>), Dr. M. Raju, G. Smitha, J. Lahari, P. Mani Vinay, G. Akash Reddy (<i>Kakatiya Institute of Technology and Science, Warangal</i>)
ICETE_ECE_9007	Real-Time Drone Detection Using Deep Learning Sricharan.K (<i>BML Munjal University</i>), Venkat.M (<i>Scientist- "E", ASL, DRDO</i>)
2.45 pm to 3.30 pm	TECHNICAL PAPER PRESENTATIONS-6 Venue: Seminar Hall, ECE Department Session Chair: Prof. B. Rajendra Naik(<i>Osmania University, Hyderabad</i>), Dr. Kaleem Fatima(<i>MJCET, Hyderabad</i>)
ICETE_ECE_9334	Implementation Of 16-bit Vedic Multiplier Using Modified CSA Vanitha B, Nagaraj S, Sai Kumar B (<i>SVCET(Autonomous), Chittoor, AP</i>)
ICETE_ECE_8483	Novel Embryonics Adder Architecture with Unicellular Self-Check Unit Nur mahmmad SK, Ragavendra Kumar S (<i>Indian Institute of Information Technology Design and Manufacturing (IIITDM), Kanchipuram, Tamilnadu</i>), Balasubramanyan P, Venkat Reddy G (<i>RCI, Hyderabad</i>)
ICETE_ECE_6953	Study and Performance Comparison of Coupled Ring Oscillator Shirisha Pendyala, Mohd. Ziauddin Jahangir (<i>Chaitanya Bharathi Institute of Technology, Hyderabad</i>), Paidimarry Chandra Sekhar (<i>Osmania University, Hyderabad</i>)
3.30 pm to 3.45 pm	Tea Break
3.45 pm to 4.30 pm	TECHNICAL PAPER PRESENTATIONS - 7 Venue: Seminar Hall, ECE Department Session Chairs: Prof. A. Rajani(<i>JNTUH UCEST, Hyderabad</i>), Prof. Kotilaxmi(<i>Osmania University, Hyderabad</i>)
ICETE_ECE_8564	Performance Analysis of RIS-Aided NOMA Networks in α-μ & κ-μ Generalized Fading Channel Aaditya Prakash Kattakola, Sanjana Dontha, Anuradha Sundru (<i>National Institute of Technology,</i>

	<i>Warangal)</i>
ICETE_ECE_3424	Performance Enhancement Patch Antenna Using Metasurface And Dielectric Superstrate For 5Ghz Wi-Fi Applications Swapna Kumari B, M Shyam Sundar (<i>Osmania University, Hyderabad</i>)
ICETE_ECE_3303	Band gap modulation of hydrogenated silicene with increased fluorine occupancy J. Sravana, Dr. Muralidhar Pullakanda (<i>National Institute of Technology, Warangal</i>), Dr.V.Padmanabha Reddy (<i>Institute of Aeronautical Engineering, Hyderabad</i>)
4:45 pm to 5.30 pm	INVITED TALK- 4 ERROR MODEL (EM)-A NEW WAY OF DOING FAULT SIMULATION Dr. Nirmal Saxena Senior Director, HPC & Automotive Resilient Computing, NVIDIA, California, USA Venue; Seminar Hall, ECE Department

DAY 3 - 30TH APRIL 2023	
8:30 am to 9:30 am	Registration at Main Building, UCE, OU
9.30 am to 10.15 am	KEYNOTE ADDRESS – 4 LEVERAGING IOT TO ENHANCE WATER USE EFFICIENCY IN AGRICULTURE Dr Srinivasulu Ale Texas A&M University AgriLife Research Center, Vernon, USA Venue: Assembly Hall, UCEOU
10.15 am to 11.00 am	KEYNOTE ADDRESS – 5 CUSTOM MEDICAL DEVICE DESIGN IN HEALTHCARE & MEDICINE Prof. Dominic Eggbeer Prof. of Healthcare Applications of Design Cardiff Metropolitan University, Cardiff, UK Venue: Assembly Hall, UCEOU
11.00 am to 11.30 am	Tea Break
1:00 pm to 2:00 pm	Lunch Break