



VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

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Kacharam, Shamshabad, Hyderabad – 501218, Telangana, India



International Conference on Intelligent Systems with Applications in Communications, Computing and IoT (ICISCCI 2024)

23rd - 24th August, 2024



Organized by

Department of Electronics and Communication Engineering

Detailed Schedule (Hybrid Mode)

Day #01 || 23rd August 2024

Agenda of discussion	Time in IST & Venue	Guests/Speakers	Remarks (Meeting Links etc.)
Inauguration of ICISCCI 2024	10:00 – 10:30 Hall No.: #1009	Chief Guest – Dr Sandeep Chaturvedi , General Manager and Head, MMIC Design Center, GAETEC, RCI, Hyderabad	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724214652848?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
		Guest of Honour Dr JVR Ravindra , Principal, VCE, Hyderabad – 501 218	
		❖ Keshav Dahal , Director of the Artificial Intelligence, Virtual Communication and Networks (AVCN) Research Institute, School of Computing, Engineering, Physical Sciences (CEPS), University of the West of Scotland ❖ Dr P Nageswara Rao , Professor and Head ECE, VCE, Hyderabad – 501 218	
Keynote Address	10:30 – 11:30 Hall No.: #1009	General Co-Chair: ❖ Dr GAE Satish Kumar , Professor in ECE and Dean Student Mentoring, VCE, Hyderabad – 501 218	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724214702933?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-
		Dr Sandeep Chaturvedi , General Manager and Head, MMIC Design Center, GAETEC, RCI, Hyderabad Topic: Designing MMICs from MHz to THz	

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Lunch Break	12:30 – 13:30 Dining Hall, Block #05	Ready, set, it's lunchtime!!! ###Working Lunch###		
Plenary Talk #01	13:30 – 14:30 via Online	Prof. Keshav Dahal, Director of the Artificial Intelligence, Virtual Communication and Networks (AVCN) Research Institute, School of Computing, Engineering, Physical Sciences (CEPS), University of the West of Scotland Topic: Recommendation Based Trust Models for Distributed Systems		https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1extZ_z1KH6g1%40thread.tacv2/1724224126135?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
	Track #01 14:30 – 16:00 Via. Online		Session Chairs 1. Dr. Srikanth, Professor and Dean Administration, MREC (Women) 2. Dr. V, Jyothi, Assistant Professor, VCEH	
Paper Presentations	14:30 – 14:45	350048	Blockchain and IoT-Driven Vaccine Supply Chains Promoting Secure and Transference with Machine Learning-Enhanced Demand Forecasting	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1extZ_z1KH6g1%40thread.tacv2/1724223235469?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
	14:45 – 15:00	350014	Ensemble Supervised Learning-based Approaches for Mobile Network Coverage and Quality Predictions in a University Setting	
	15:00 – 15:15	349930	2 x 2 MIMO Antenna with Increased Isolation	
	15:15 – 15:30	349927	Image Restoration using GAN	
	15:30 – 15:45	349918	Compact Triple Band MIMO Antenna With Multiple Parasitic Strips	
	15:45 – 16:00	349720	Enhancing Computational Speed through Quantum Computing Techniques in Multiplier Design	

	Track #02 14:30 – 16:30 Via. Online			Session Chairs 1. Dr. S. Nagaraja Rao, Professor & HoD, GPR Engineering College 2. Dr. D. Praveen Kumar, Assistant Professor, VCEH	
Paper Presentations	14:30 – 14:45	349709	A Finetuned Bi-Directional Computation Approach for Parkinson's Disease Diagnosis	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724223364052?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d	
	14:45 – 15:00	349614	Predicting Long-Term Electricity Consumption Using Time Series Data: Use Case of the UK Electricity Data		
	15:00 – 15:15	349613	Enhanced Speech Emotion Recognition Using Augmented Spectrograms and Transfer Learning with VGG16		
	15:15 – 15:30	349612	Email Phishing Detection using Machine Learning Approaches.		
	15:30 – 15:45	349571	Driver Drowsiness Detection Using Machine Learning And IoT		
	15:45 – 16:00	349517	An IoT Framework for Crop and Fertilizer Recommendation Model using Artificial Intelligence Approach for Smart Farming		
Day #02 24 th August 2024					
Plenary Talk #02	10:00 – 11:00 Via Online		Dr. J V R Ravindra, Principal and Professor of ECE, Vardhaman College of Engineering Topic: Quantum Computing		https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724224202502?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
	Track #01 11:00 – 12:30 Via Online			Session Chairs 1. Dr. R. Prashanth, Senior Assistant Professor (Grade-1), VIT-AP University. 2. Dr. A. Jaya Lakshmi, Assistant Professor, VCEH	
Paper Presentations	11:00 – 11:15	348884	Research on Hand Entrapment Risk Prevention Methods using Geometry Information in a Multi-camera Environment	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724223984723?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d	
	11:15 – 11:30	348883	Graphical User Interface based LSB and MSB Embedding Algorithm for Secured Audio Steganography in Iot		
	11:30 – 11:45	348863	A study comparing the effectiveness of AODV, OLSR, DSDV, and DSR routing protocols using the Gauss Markov 3D Mobility model for Flying Ad-Hoc Networks		
	11:45 – 12:00	348730	Analysis of Helioseismic Data in Local Helioseismology Through Diverse Methodologies		

	12:00 – 12:15	348320	Automating Financial Management: An Exploration of Automatic Expense Tracking Systems	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkvIcxtZ_z1KH6g1%40thread.tacv2/1724224032287?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
	12:15 – 12:30	348149	Video Enhancement using Convolution Neural Networks and Auto-encoders	
	Track #02 11:00 – 12:30 Via Online		Session Chairs 1. Dr. Bhupesh Mishra, Professor, University of Hull, UK 2. Dr. D. Nagajyothi, Associate Professor, VCEH	
	11:00 – 11:15	348137	An Energy Efficient TCAM for secure transmission in wireless Communications	https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkvIcxtZ_z1KH6g1%40thread.tacv2/1724224032287?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
	11:15 – 11:30	346001	Route Planning For Self Driving Vehicles using Optimised Dijkstra Algorithm	
	11:30 – 11:45	339218	Abuse Analyzer Detection Using BERT Analysis	
	11:45 – 12:00	338244	Weed Detection and Management in Agriculture using Satellite Technology: A Review	
	12:00 – 12:15	348483	Helmet and Triple Ride Violation Alert System	
	12:15 – 12:30	349650	Prediction of the crop yield using Hybrid Optimization algorithm	
Lunch Break	13:00 – 14:00 Dining Hall, Block #05	Ready, set, it's lunchtime!!! ###Working Lunch###		
Plenary Talk #03	14:00 – 15:00 Via Online	Dr Gopi Ram , Assistant Professor, Department of ECE, NIT Warangal Topic: Evolutionary Optimization for Antenna Array Beamforming in Next-Generation Communication Applications		https://teams.microsoft.com/l/meetup-join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkvIcxtZ_z1KH6g1%40thread.tacv2/1724224256041?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d

Valedictory of ICISCCI 2024	15:00 – 15:30 Via Online	Chief Guest – Dr Gopi Ram , Assistant Professor, Department of ECE, NIT Warangal	https://teams.microsoft.com/l/join/19%3aFh6NT7gp3VeMXVuQwZGC7qVoqU3xSkv1cxtZ_z1KH6g1%40thread.tacv2/1724224322870?context=%7b%22Tid%22%3a%22084a029e-1435-40bc-8201-87ec1b251fb3%22%2c%22Oid%22%3a%22e731b4fd-73f0-4b1b-a175-ef13c9f6b696%22%7d
		Guest of Honour – Dr JVR Ravindra, Principal and Professor of ECE, VCE	
		❖ Dr P Nageswara Rao, Professor and Head ECE	
		General Co-Chair: ❖ Dr GAE Satish Kumar, Professor in ECE and Dean Student Mentoring	



General Chair