



7TH INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ADVANCED COMPUTING (ICRTAC'24)

**School of Computer Science and Engineering, Vellore Institute of Technology,
Chennai, India**

In collaboration with

**Faculty of Computer Science and Information Technology
Universiti Putra Malaysia, Malaysia
Bureau of Indian Standards
UiPath**

**Theme: Automating Sustainability: Bridging SDG Goals
with Recent Trends in Advanced Computing at
ICRTAC'24**

**Venue: VOC Auditorium, ADMIN Block 5th floor, VIT Chennai,
India**

Date: Nov 14th -15th 2024

Online tracks

Day 2 Schedule

Date: 15-11-24

Timing: 1.30 PM to 3.15 PM

Technical Session 6 – Online (Track:T6- BIS)

Meeting link:<https://zoom.us/j/97663417193?pwd=axoZT3eRYl8XbhZi6VeTb8hXjw624S.1>

Passcode: 607700

Paper ID	Title of the paper	Author name	College Name	Time	Judges
25	Hospital Interconnection System - MEDLINK360	Sundharesan I	National Engineering College	1.30 PM to 1.45 PM	Session Chair 1: Dr. Bhanu Chander B Anurag University Hyderabad Session Chair 2 Dr.Geeta Santhosh Prof & Head, FCA Acropolis Institute of Technology & Research AITR Indore, Madhya Pradesh Internal Evaluator: Dr. Manimegalai T VIT Chennai Moderator: Dr. Prem Shankar N VIT Chennai
42	Expanding tourism management-India beyond paradise	Harshini Gna Kowsalya R Santhini K V	National Engineering College	1.45PM to 2.00PM	
59	Effective Energy Conservation through IOT based Energy Auditing Technique in an Academic Organization	kalimuthu M Manoharan P S	Thiagarajar College of Engineering Madurai	2.00 PM to 2.15 PM	
270	Credit Card Fraudulent Prevention Using Machine Learning	Gomathi S Kiran S Vishva I	Sri Sai Ram Engineering College	2.15 PM to 2.30 PM	
272	Investigation on the performance of an Independent UV Disinfection Robot using Taguchi Approach	Dr. Puthilibai G	Sri sairam engineering college	2.30 PM to 2.45 PM	
271	Computer Aided Diagnosis of Covid-19 Disease through Long Short Term Memory Neural networks	Dr. Puthilibai G	Sri sairam engineering college	3.15 PM to 3.30 PM	

Date: 15-11-2024

Timing: 1.30 PM to 3.15 PM

Technical Session 7 – Online(Track:T7- Emerging Technologies)

Meeting link:

<https://zoom.us/j/95413642207?pwd=jKj60LkiTSeGHI9Eeo4q8JuXZLC7kd.1>

Passcode: 152850

Paper ID	Title of the paper	Author name	College Name	Time	Judges
15	Design And Simulation of a Rectangular Stacked RDRA Antenna For C-Band Industrial IOT and Wireless Communication Systems	Nandha K Kumar Thandaiah Prabu Dr.Anitha G	Saveetha School of Engineering	1.30 PM to 1.45 PM	Session Chair 1: Full Name: Dr. Pradeep Kumar Sarangi Chitkara University, Himachal Pradesh Session Chair 2: Dr Paras Kothari Associate professor University & Dept. Rajasthan Technical University Kota. Internal Evaluator: Dr. V. Manjula VIT Chennai Moderator: Dr. Joe Dhanith P R VIT Chennai
28	HealthTech Harmony: Tailored Medicine with Ontological Precision	Abinaya P Veena SM Abinaya Devi Manonmani Thayanithi Harshitha GS	Mepco Schlenk Engineering College	1.45PM to 2.00PM	
69	Enhancing Waste Management using Digital Twin Technology	Sai Ganesh P V Remya R. K. Menon S Saikrishna	Amrita University	2.00 PM to 2.15 PM	
91	Design and Simulation of Aperture-Coupled Rectangular Dielectric Resonator Antenna for 5.5 GHz Wireless Communication Systems	Nandha K Kumar Thandaiah Prabu Dr.Anitha G	Saveetha School of Engineering	2.15 PM to 2.30 PM	
95	Implementation of Low gate count High frequency WiMAX address Deinterleaver	Dishanth Y Shetty Dr. Puttaswamy P S Dr. Manojkumar S B	BGS Institute of Technology	2.30 PM to 2.45 PM	
100	ROS-Based Semantic 3D SLAM Autonomous Navigation in an Unexplored Environments	Sai Adithya B Darshan R Shree Bala Aadithya B Dhanush R Shivaanivarsha N	Sri Sairam Engineering College	2.45 PM to 3.00 PM	
110	Smart Farming using Feed Forward Neural network	Franklin Sri Rachan Rondla Naga Siva Ganesh Nerusu Guru Vimal Kumar M	Vel Tech University	3.00 PM to 3.15 PM	

Date: 15-11-2024

Timing: 1.30 PM to 3.15 PM

Technical Session 8 – Online (Track: T8- Emerging Technologies)

Meeting link:<https://zoom.us/j/97168605856?pwd=lnjDOdZKxxy19CkgF262IlJCokcTKa.1>

Passcode: 822896

Paper ID	Title of the paper	Author name	College Name	Time	Judges
112	Streamlined Breast Cancer identification: Self-attention CNN with Momentum Search Optimization	Daphne Sherine Solomon Revathy G Ganapathy	Vels Institute of Science Technology and Advanced Studies	1.30 PM to 1.45 PM	Session Chair 1: Dr. A.M. Abirami Thiagarajar College of Engineering, Madurai Session Chair 2: Dr. Harshal A. Arolkar University & Dept. Professor & Head, GLS University Internal Evaluator: Dr. Santhi V VIT Chennai Moderator: Dr. Selvam VIT Chennai
169	Evaluating the Effectiveness of Differential Privacy Using Noise Injection Techniques in Cybersecurity Applications	Thanu Priya N Sheeja Kumari	Saveetha Institute of Medical and Technical Sciences	1.45PM to 2.00PM	
205	Predictive Frameworks for Osteoporosis Identification: Harnessing GAMs and Rule-Based Models	Saranya S Christy S V Sheeja Kumari	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences	2.00 PM to 2.15 PM	
261	Customer Segmentation Based on Real Estate Analysis with Power Bi	Ruth Jenifer M .	Rajalakshmi Engineering college	2.15 PM to 2.30 PM	
232	Enhancing Road Safety: PERCLOS Analysis of a Dozy Driver	Aida Jones	KCG College of Technology	2.30 PM to 2.45 PM	
255	The Convergence of Blockchain and Named Data Networks: A Survey of Current Trends and Innovations	Shanmuga priya A Vaitheki K	Pondicherry University	2.45 PM to 3.00 PM	
256	Secure Cascading Cipher Systems Enhancing Data privacy analysis Through Multi-Layered Encryption	Shirisha Nalla Ravula Hymavathi Allam Balaram M Kalpana Chowdary Ajmeera Kiran Shekar Kukunooru	MLR Institute of Technology	3.00 PM to 3.15 PM	

Date: 15-11-2024

Timing: 1.30 PM to 3.15 PM

Technical Session 9 – Online (Track :T9- Emerging Technologies)
Meeting

link:<https://zoom.us/j/93795517235?pwd=tPKXIlpbJOHoAaL8oPDreAxaf6v1pO.1>

Passcode: 660088

Paper ID	Title of the paper	Author name	College Name	Time	Judges
257	Automatic Driver Drowsiness Detection: A Deep Learn-ing Solution Using Eye and Head Movement Analysis	M Kalpana Chowdary Mounika Undadi	MLR Institute of Technology	1.30 PM to 1.45 PM	Session Chair 1: Dr. Senthilvelan S, CMR Institute of Technology Bangalore
260	Smart Waste Management for Indian Cities: An IoT-Driven Approach to Urban Sustainability	Raghul Gunasekar Ramcharan Venkatesh Iyappan Perumal	Vellore Institute of Technology	1.45PM to 2.00PM	
263	A Smart Fire Suppression System using Ceiling Water Sprinkler's in a closed environment for Fireworks Enterprises	Padmini Selvarangan	Rajalakshmi Engineering college	2.00 PM to 2.15 PM	
268	Quantum Random Number Generation for Network Communication Security with SHA-3 Hashing and AES-GCM Encryption	Mohamed Yaqub Sudikshan Senthilkumaran Amit RambhaiModhwadiaDr.GAYATHRI M Pushpalatha M	SRM Institute of Science and Technology	2.15 PM to 2.30 PM	Session Chair 2: Dr. Cinu C Kiliroor, IIIT Kotayyam Internal Evaluator: Dr. Priyadarshini J VIT Chennai Moderator: Dr.Aswiga, VIT Chennai
321	Advances in Action Recognition-Based Assistive Technologies for Motor and Speech Disability: A Review	Tegenu, H.A. Sharum, M.Y. Kasmiran, K.A, Mustapha, N. Manaf, S.A	Universiti Putra Malaysia	2.30 PM to 2.45 PM	
305	A New Geographic Routing Algorithm for Congestion Avoidance and Void Area Bypassing based on Enhanced Criteria for TOPSIS	GHAIHAB Hassan ADDAY Shamala K Subramaniam Normalia Samian Zuriati ZUKARNAIN	Universiti Putra Malaysia	2.45 PM to 3.00 PM	
310	Variationally Regularized Graph-based Representation Learning for Classification of Alzheimer's Disease using Neuroimaging Data	Manisha Rajput Monika Sethi Puneet Bawa	Chitkara University	3.00 PM to 3.15 PM	