



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

Offline Tracks

ICRTAC - 2024 : Technical Program Schedule
Technical Session 1 – Offline(Track: T10- BIS standards)

Venue: ADB-504

Date: 14-11-2024

Timing: 1.30 PM to 3.15 PM

Paper ID	Title of the paper	Author name	College Name	Time	Judges
32	Business Intelligence in Fostering Sustainable Development in Global Agri Business	Mathiyarasan D Arthi Singh Dr. Ibha Rani Ramprabha K Venkatesh P Manikandan M	Kristu Jayanthi College (Autonomous), Bengaluru	1.30 PM to 1.45 PM	Session Chair Dr.Rajesh Kanna Professor & Head Rajiv Gandhi National Institute of Youth Development Session Chair 2: Dr. Lakshmi Priya, Jawaharlal Nehru University, Delhi Internal Evaluator: Dr. T.Subbulakshmi, VIT Chennai Moderator: Dr. Saraswathi D VIT Chennai
212	ECG Signal Analysis for Sleep Deprivation Diagnosis with Smart Non Invasive Ventilation	Bethanney J Janney Angeline J Maxwell Ryan Joshua Dinesh S M Logeshwaran Sai Aneeshwar M	Sathyabama Institute of science and Technology	1.45PM to 2.00PM	
287	Eco-Friendly Iron Detection in Food Products Using Guava Leaf Extract for Humanitarian Applications	A Subhashree Dr. Puthilibai G	Sri sairam Engineering College	2.00 PM to 2.15 PM	
93	Artificial Intelligence-Based Histotype Detection of Ovarian Cancer using Whole Slide Image Tiles	Angeline J Bethanney J Janney	Amrita Vishwa Vidyapeetham	2.15 PM to 2.30 PM	
129	Enhancing Pipeline Safety: Integrating Non-Destructive Testing and IoT for Leak Prevention and Detection	Muhammad Bilal S Uma Mageswari T Nivetha A Oviya C Pavithra B	Sri Sairam Institute of Technology	2.30 PM to 2.45 PM	
295	Blockchain-Based Secure E-Voting Framework: Imple-mentation and Analysis Using Ethereum Smart Contracts	Amit Meerchandani Suganya G Christy Jackson Joshua	Vellore Institute of Technology Chennai	2.45 PM to 3.00 PM	
322	Enhancing Generative AI Models through Intel® Tiber™ AI Cloud's Advanced Tools and Techniques	Sini Raj Pulari Maramreddy Umadevi Shriram K Vasudevan	Intel	3.00 PM To 3.15 PM	

ICRTAC - 2024 : Technical Program Schedule
Technical Session 2 – Offline (Track: T11- Artificial Intelligence)

Date: 14-11-2024

Venue: ADB-503

Timing: 1.30 PM to 3.15 PM

Paper ID	Title of the paper	Author name	College Name	Time	Judges
44	Generative AI Chatbot built using Llama2 and LangChain	Anita . Ramalingam Utkarsh Saboo Sineha S	SRM Institute of Science and Technology	1.30 PM to 1.45 PM	Session Chair 1: Dr Seshu Babu NITTTR Chennai Session Chair 2: Dr. Shriram K Vasudevan, FIE, FIETE, SMIEEE Intel Internal Evaluator: Dr. R. Dhanalakshmi VIT Chennai Moderator: Dr. Jannath Nisha VIT Chennai
86	A Comparative Study of Hybrid Generative AI Approaches for Financial Narrative Summarization	M. Pavithra	Amrita Vishwa Vidyapeetham Chennai	1.45PM to 2.00PM	
246	Comparative Evaluation of ResNet50, Xception, and EfficientNetB3 for Lung Cancer Classification and Explainable AI-based Tumor Localization	Abhiram Sharma Krishna P Behara Srivats Raghavan Suganya Ramamoorthy Parvathi R	Vellore Institute of Technology	2.00 PM to 2.15 PM	
101	Optimized U-Net Model for Precise Retinal Blood Vessel Segmentation from Colour Fundus Images	Jegan Sivaraman Arjun Paramarthalingam Arul Nancy T	University College of Engineering Villupuram	2.15 PM to 2.30 PM	
198	Natural Language Processing for Financial Transactions: A Novel Approach Using LLMs and RAG for User-Friendly Financial Tracking	Srevin Saju Christopher Columbus C	Vellore Institute of Technology Chennai	2.30 PM to 2.45 PM	
211	Scalable Enhancement of Cloud-Based DDoS Detection with Adaptive ML Pipelines	S Harshavardhan Rajarajeswari S Aniruddhan N Vishaal Dayashanker	Vellore Institute of Technology	2.45 PM to 3.00 PM	

DAY 2 Schedule

ICRTAC - 2024 : Technical Program Schedule **Technical Session 1 – Offline** (Track: T12- Emerging Technologies)

Date: 15-11-24

Venue: ADB - 504 Timing: 1.30 PM to 3.15 PM

Paper ID	Title of the paper	Author name	College Name	Time	Judges
39	Organizational Finance Tracking System using Blockchain	Somasundaraman Ramamoorthy	Sri Sai Ram Engineering College	1.30 PM to 1.45 PM	Session Chair 1: Dr. Lakshmi Priya, Jawaharlal Nehru University, Delhi
57	Lock Your Lands – Securing Land records with Blockchain and IoT	Panduga Venkata Jaya Srikanth Reddy Gangireddy Madhurima Suganya Ramamoorthy	Vellore Institute of Technology - Chennai	1.45PM to 2.00PM	
120	Cascading Methodology for Resource-Efficient Neural Network Implementation in Multilingual Handwritten Character Recognition	R M Bommi Ajaymalolan K V Karthikeyan E S Balasaravanan P	Chennai Institute of Technology	2.00 PM to 2.15 PM	Internal Evaluator: Dr. Thomas Abraham, VIT Chennai
327	Enhancing Safety and Well-being: The Role of Facial Emotion Recognition and Drowsiness Detection	Sandhya D, Ruddaraju Abhilash Varma, Vaidehi Vijayakumar	Vellore Institute of Technology Chennai	2.15 PM to 2.30 PM	Moderator: Dr. Saraswathi D VIT Chennai

ICRTAC - 2024 : Technical Program Schedule

Technical Session 2 – Offline (Track: T13- Emerging Technologies)

Date: 15-11-24

Venue: ADB - 503

Timing: 1.30 PM– 2.30 PM

Paper ID	Title of the paper	Author name	College Name	Time	Judges
157	DDOS attack detection using Machine Learning Technique in the Openstack Private Cloud Environment	Dr Monika G Dr Susitha N	Jeppiaar College of Arts and Science	1.30 PM to 1.45 PM	Session Chair 1: Assoc. Prof. Dr. Hazura Zulzalil Deputy Dean (Academic, Student Affairs and Alumni) Faculty of Computer Science and Information Technology Universiti Putra Malaysia Session Chair 2: Mr. Abhijith.S UI Path Internal Evaluator: Dr. N.Ganesh, VIT Chennai Moderator: Dr. Indira B, VIT Chennai
192	Exploring the Usage of CRYSTALS-Kyber for Post-Quantum Security in WebRTC Chat	Karthika Veeramani Guhan Senthil Sambandam Ashwanth Balakrishnan Aadityaa Nagarajan	Vellore Institute of Technology, Chennai	1.45PM to 2.00PM	
245	Visio-Shop: A Technological Solution for Assisting Visually Impaired People in Retail Settings	Atharva Rai Abhishek Kumar Anumakonda Vyshnav Kumar Mercy Rajaselvi P Beaulah	Vellore Institute of Technology Chennai	2.00 PM to 2.15 PM	
326	Parking Assistance using IoT	TharuneswerJ,Keneisha, VaidehiVijayakumar	Vellore Institute of Technology	2.15 PM to 2.30 PM	