



**International conference on Integration of Advanced
Technologies for Industry 5.0 (ICIATI 2026)**
JULY 03 & 04, 2026

ONLINE SCHEDULE

CSE & IT (Allied)

Track 4 – Friday, 03rd July 2026 - 01.30 PM to 03.30 PM

Venue: Cyber security Lab

S.NO	PAPER ID	TITLE	TIME
1.	ICIATI 411	SlimBERT: Transformer Layer Reduction for Efficient Multi-Class Sentiment Classification <i>Devi Prasaad Reddy Bogala¹, Renugadevi R², Abhiramaraju Nadimpalli^{3*}</i> <i>Vignan's Foundation for Science, Technology and Research Guntur, India</i>	02.10 - 02.20
2.	ICIATI 420	E-CLARITY: A Hybrid BiLSTM–Attention Architecture for Explainable Sentiment Classification on the IMDB 50K Benchmark <i>Chiranjeevi Pasupuleti¹, Renugadevi R², Sridhar Reddy Kallam^{3*}</i> <i>Vignan's Foundation for Science, Technology and Research Guntur, India</i>	02.20 - 02.30
3.	ICIATI 561	UAV-Assisted Road Crack Detection: A Deployment-Aware Deep Learning Benchmark <i>Stuti Narain¹, Sonvi Jain^{2*}</i> <i>Indira Gandhi Delhi Technical University for Women James Church, New Church Rd, Opp. St, Kashmere Gate, New Delhi, Delhi 110006</i>	02.30 – 02.40
4.	ICIATI 434	Multimodal Deep Learning Approach for Accurate Classification of Maize Seed Quality <i>Ajay Singh Dhabariya^{1*}, Chandikaditya Kumawat²</i> <i>Mewar University, Chittorgarh</i>	02.40 – 02.50



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5.	ICIATI 309	AI-based CAPTCHA Hardening and Evaluation Tool <i>Devarkonda Uma ¹, Polunati Sahithi ^{2*}</i> <i>B V Raju Institute Of Technology, Narsapur Vishnupur, Narsapur, Medak District - 502313, Telangana</i>	02.50 – 03.00
6.	ICIATI 619	Marker-Free Indoor AR Navigation Using Visual Localization: A Cross-Platform Framework <i>Jayesh Kumar R ^{1*}, Andhe Dharani ²</i> <i>R V College Of Engineering Mysore Road, RV Vidyaniketan Post Benagloru 560021</i>	03.00 – 03.10
7.	ICIATI 668	The Virtual Healing Garden <i>Niraj Dhakulkar ^{1*}, Farhan Mujawar ²</i> <i>JSPM Rajarshi Shahu College Of Engineering, Tathawade, Pune</i>	03.10 – 03.20
8.	ICIATI 678	Ethical Implications of AI-Generated Design: A Comparative Analysis of Authorship and Originality <i>Presidency University, Bangalore</i>	03.20 – 03.30
9.	ICIATI064	Fruit Freshness Detection Using Ensemble Deep Learning and Grad - CAM Based Explainability <i>Usha Chiriki ^{1*}, Harish Gadamalla ²</i> <i>vignan's institute of information technology(Autonomous) Beside VSEZ, Duwada, Gajuwaka, Visakhapatnam - 530049</i>	03.30 - 03.40
10.	ICIATI 302	A Perfect Triple-Band Metamaterial Absorber With Ultra-Wide Bandwidth Using Concentric Split Ring Resonators For Microwave Applications <i>Rajnikant Ratnakar ^{1*}, Ashutosh Singh ²</i> <i>University Department of Physics, B.R.A. Bihar University, Muzaffarpur, Bihar (ECE)</i>	03.40 - 03.50
11.	ICIATI 707	Smart City Transport: Deep Learning Ensemble Approach For Traffic Accident Detection <i>B sai praneeth ¹, E.kalyan ², A manoj goud ^{3*}</i> <i>CMR ENGINEERING COLLEGE, Kandlakoya medchal Hyderabad, Telangana (ECE)</i>	03.50 - 04.00
12.	ICIATI 696	A Deep Learning Framework for Automated Land	04.00 - 04.10



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		<p>Feature Extraction from Aerial Imagery <i>G H Raisonni College of Engineering and Management, Dhomkhel Road, Wagholi, Pune, Maharashtra-412207</i></p>	
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Electrical Sciences

Track 8 – Friday, 03rd July 2026 – 02.10 PM to 04.10 PM

Venue: Dabbala Lab

S.NO	PAPER ID	TITLE	TIME
1.	ICIATI 698	Mitigating Misinformation in Social Networks <i>Akash M^{1*}, Himansu Sekhar Pattanayak²</i> <i>National Institute of Technology Kurukshetra, Haryana, India</i>	02.10 - 02.20
2.	ICIATI 625	A Blockchain-Enabled Framework for Safe and Timely Delivery of Surplus Food Donations to Vulnerable Communities <i>Amrita Vishwa Vidyapeetham, Amrita Nagar, Choodasandra, Junnasandra, Bengaluru, Karnataka 560035</i>	02.20 - 02.30
3.	ICIATI 177	AI-Driven Acoustic Monitoring System for Predictive Rail Defect Detection <i>Akash Shikhare¹, Manali Lamture², Tejaswini Ganesh Koparde^{3*}</i> <i>JSPM's Rajarshi Shahu College of Engineering Pune</i>	02.30 – 02.40
4.	ICIATI 823	Smart Disaster Management System <i>Nikhila Rame¹, Arya Krishna Kumar², Inturi Jaishnavi^{3*}</i> <i>B V Raju Institute of Technology, Narsapur, Medak, Hyderabad</i>	02.40 – 02.50
5.	ICIATI 732	Blockchain-Enabled Secure Task Scheduling In Cloud Environments <i>Sayyad Rasheeduddin¹, A. Sree Teja^{2*}</i> <i>CMR Engineering College, Medchal Rd, Medchal, Kandlakoya, Seethariguda, Telangana 501401</i>	02.50 – 03.00



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6.	ICIATI 786	<p>CortexOne: An artificial intelligence based multi factor system for stock price prediction and investment analysis</p> <p><i>Eesha Karnani¹, Mr. Krishna Raheja², Dr. Rupali Sarode^{3*}</i></p> <p><i>Thadomal Shahani Engineering College, Advocate Nari Gursahani Marg, 37th Road,(Off Linking Road), TPS III, Bandra (west), Mumbai-400050</i></p>	03.00 – 03.10
7.	ICIATI 805	<p>Runtime-Selective Asset Loading for GPU Memory Management in Standalone VR Medical Education Systems</p> <p><i>Kumaraswamy S¹, Andhe Dharani^{2*}, Visweswaran J³, Vijayalakshmi⁴</i></p> <p><i>^{1,2,4} RV College of Engineering, RV Vidyanikethan Post, Mysuru Road, Bengaluru – 560 059</i></p> <p><i>³ ARK Infosolutions, Noida, India</i></p>	03.10 – 03.20
8.	ICIATI855	<p>Towards Intelligent Battery Management: A Digital Twin Framework for Concurrent SOC and SOH Estimation of Lithium-Ion Batteries</p> <p><i>S Nayana Shree^{1*}, Andhe Dharani²</i></p> <p><i>Vemana Institute of Technology, 14th cross, kodanda rama temple road, Bengaluru, Karnataka 560034</i></p>	03.20 – 03.30
9.	ICIATI 302	<p>A Perfect Triple-Band Metamaterial Absorber With Ultra-Wide Bandwidth Using Concentric Split Ring Resonators For Microwave Applications</p> <p><i>Rajnikant Ratnakar^{1*}, Ashutosh Singh²</i></p> <p><i>University Department of Physics, B.R.A. Bihar University, Muzaffarpur, Bihar</i></p>	03.30 - 03.40
10.	ICIATI 707	<p>Smart City Transport: Deep Learning Ensemble Approach For Traffic Accident Detection</p>	03.40 - 03.50



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		<p style="text-align: center;"><i>B sai praneeth ¹, E.kalyan ², A manoj goud ^{3*}</i> <i>CMR ENGINEERING COLLEGE, Kandlakoya medchal Hyderabad,</i> <i>Telangana</i></p>	
11.	ICIATI 659	<p style="text-align: center;">Bio-Invariant Structural Guardrails for Reliable Oncological Diagnostics</p> <p style="text-align: center;"><i>Tulsi Gupta ¹, Suresh Babu Satukumati ², Krishna Kant Kumar ^{3*}</i></p> <p style="text-align: center;"><i>Vignan's Foundation For Science ,Technology & Research Vadlamudi (Post) , Chebrolu (MD) , Guntur (District), 522213</i></p>	03.50 - 04.00
12.	ICIATI 674	<p style="text-align: center;">Multi-Modality Medical Image Classification for Cataract, Lung Cancer, and Breast Cancer Diagnosis: A Systematic Survey</p> <p style="text-align: center;"><i>Priya Anil Awate ^{1*}</i></p> <p style="text-align: center;"><i>DKTE Society's Textile and Engineering Institute, Ichalkaranji, 416115, Maharashtra, India.</i></p>	04.00 - 04.10
13.	ICIATI 607	<p style="text-align: center;">A Hybrid Deep Learning Approach for Diagnosis of Brain Tumour from MRI Images</p> <p style="text-align: center;"><i>Gokapay Dilip Kumar ¹, Mohammd Sirajuddin ^{2*}</i></p> <p style="text-align: center;"><i>VIT-AP University, Amaravati</i></p>	04.10 - 04.20



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CSE & IT (Allied)

Track 6 – Saturday, 04th July 2026 - 10.00 AM to 12.00 PM

Venue: Cyber security Lab

S.NO	PAPER ID	TITLE	TIME
1.	ICIATI 893	<p>Deep Learning –Based Dual-Mode Framework for Monitoring Student Stress and Engagement Detection Using Facial Emotion Recognition</p> <p><i>Trupti Bhandare¹, Priyanka Pawar^{2*}</i></p> <p><i>Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati, Pune, Maharashtra, India.</i></p>	10.00 - 10.10
2.	ICIATI 889	<p>Multimodal Biomarker Prediction for Early Disease Detection</p> <p><i>Vyanktesh rampurkar¹, Pratiksha Daphal^{2*}</i></p> <p><i>Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati, Pune, Maharashtra, India.</i></p>	10.10 - 10.20
3.	ICIATI 881	<p>Design of a Wearable MIMO Antenna With Improved Isolation Characteristics and Diversity Metrics for ISM Band</p> <p><i>Kondragunta Rama Krishnaiah^{1*}, Chandra Mounika B², P Vamsi Krishna³</i></p> <p><i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	10.20 - 10.30
4.	ICIATI 884	<p>Design and Implementation of 8-bit Approximate Carry Skip Adder(Approx-CSA) for Energy Efficient Deep Neural Networks</p> <p><i>Kondragunta Rama Krishnaiah^{1*}, Gude Satish², P NarasimhaRao³</i></p> <p><i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	10.30 - 10.40



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5.	ICIATI 882	<p style="text-align: center;">A Reconfigurable 4-Bit Approximate Multiplier Architecture for Energy-Optimized Deep Neural Network Hardware</p> <p style="text-align: center;"><i>Kondragunta Rama Krishnaiah^{1*}, Aparna Pinnika², Manjunath³</i></p> <p style="text-align: center;"><i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	10.40 - 10.50
6.	ICIATI 885	<p style="text-align: center;">Hybrid Fuzzy-Assisted Model Reference Adaptive Control of Five-Level H-Bridge Neutral-Point-Clamped Quasi-Z Source Inverter for PV Applications</p> <p style="text-align: center;"><i>B Neelima^{1*}, Kondragunta Rama Krishnaiah², I Sai Ram³</i></p> <p style="text-align: center;"><i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	10.50 - 11.00
7.	ICIATI 886	<p style="text-align: center;">PV-Tied Single-Stage Single-Phase Isolated Full-Bridge Buck–Boost DC–AC Inverter with BLDC Motor Drive</p> <p style="text-align: center;"><i>T Manivarma^{1*}, Kondragunta Rama Krishnaiah², M Uday Kiran³</i></p> <p style="text-align: center;"><i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	11.00 - 11.10
8.	ICIATI 1074	<p style="text-align: center;">Human centric explainable ai in Smart banking: bridging data science and Fintech convergence under an industry 5.0 framework</p> <p style="text-align: center;"><i>Ralla Bandi Srinivasu¹, S Govardhan^{2*}</i></p> <p style="text-align: center;"><i>Mind Power University, Bhimtal, Nainital, Uttarakhand</i></p>	11.20 - 11.30
9.	ICIATI 883	<p style="text-align: center;">Energy-Aware Design of Approximate 8-bit Wallace Tree Multiplier for AI Hardware</p>	11.30 - 11.40



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		<p><i>Kondragunta Rama Krishnaiah^{1*}, G. Vijaya Kumari², Manjunath³</i> <i>R K College Of Engineering, Vijayawada, Andhra Pradesh</i></p>	
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