

ICSEIS 2026 – Program Schedule on 31-07-2026 (DAY-1)				
Session I (15:00–17:30)				
Venue: Lecture Hall 1 (Chandra sekhar Hall second floor of the Seminar Halls Complex)				
Chair: Prof. Ram Krishan & Dr. BalaKrishna Pamulaparthi				
Student Co-ordinator: Chidurala Sudha Rani & Sridevi Tumuluri				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:00	15:15	14	EnergiSense AI: An AI-Based Smart Energy Optimization System	Guntireddygar Medha Reddy; Janagi Vishnu Jeendru Rishitha; Gaddam Sushruth GJ Bharat Kumar
15:15	15:30	60	Intelligent superconducting DC–DC double-boost converter for ultra-fast EV charging, featuring liquid hydrogen cooling and AI-based PWM Control	Amear Qurashi Undyal ; Dhanush Saya ; Chithambaraiah Shetty Kasetty Pedda Reddy ; Pullammagari
15:30	15:45	73	Hybrid LSTM–Xgboost Framework for IOT-Based Predictive Maintenance in Industrial Systems	Karthik Bakka
15:45	16:00	97	A Hybrid Cnn–Bilstm–Attention Framework For Solar Power Generation Classification Using Time-Series Data	Srikruithi Thati
16:00	16:15	145	Temporal Fusion-Based Deep Learning Framework for Multi-Step Electric Vehicle Energy Demand Forecasting	Bhuvaneshwari Papani
16:15	04:30	63	Design and Implementation of AHB–APB Bridge with Clock Gating for Power Optimization	K sarangam, Rachit Jain
16:30	16:45	90	Passenger Demand Prediction in Public Transportation Using Machine Learning Algorithms	Abhishek Vallabadass
16:45	17:00	147	Customer Purchase Behavior Modeling Using Deep Learning and Explainable Ai	Sai Ram Naradashi
17:00	17:15	296	Design of Intelligent Helmet for Real Time Rider Authentication, Safety Compliance and Accident Response	Dr. Joseph Sanam
17:15	17:30	320	Enhancing Grid Utilization and Reducing Renewable Curtailment Using Sensor-less Dynamic Line Rating	Samarth Dhingra
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ICSEIS 2026 – Program Schedule on 1-08-2026 (DAY-2)				
Session I (15:30–17:30)				
Venue: Lecture Hall 1 (Khurana Hall second floor of the Seminar Halls Complex)				
Chair: Dr Rajan M A & Dr Manish Mathew				
Student Co-ordinator: M.Balasubrahmanyam & Manoj Kumar M				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:30	15:40	10	Design and Implementation of an Area-Optimized RISC-V Microcontroller with Native APB Interconnect for Low-Power Embedded Applications	Sudeshna Shettygari
15:40	15:50	50	Design and Evaluation of a Low-Latency Unified Cryptographic Pipeline for Quantum-Resistant Embedded Systems	Charunivethitha S
15:50	16:00	62	High-Speed Operational Amplifier with Indirect Compensation in 180nm CMOS Technology	Rachit Jain
16:00	16:10	64	Design and Implementation of a Digital Duty Cycle Correction (DCC) Loop with $\pm 8\%$ Error	Jyotiraditya Mishra
16:10	16:20	77	Low-Latency FPGA-Based FIFO Architecture for High-Throughput Data Buffering in Embedded Systems	RaviK
16:20	16:30	78	Low Power and High Throughput 32 bit MAC Unit Design using Vedic Multiplication and CSA in ASIC Flow	Vemana Y
16:30	16:40	82	LiMHDL: HDL based Synthesis Framework for Efficient in Memory Computing Architectures	Sangram Jatoth
16:40	16:50	144	A Hardware-Efficient CNN Accelerator Using Zero-Skipping MAC Processing Elements	Butchi Babu Sarnala
16:50	17:00	163	Design and Implementation of a RISC-V Based Edge Computing Architecture for IoT Applications	Dayakar Sathpute
17:00	17:10	183	LiMHDL: HDL based Synthesis Framework for Efficient in Memory Computing Architectures	Shriya Kabde
17:10	17:20	185	Formal Verification and Coverage-Driven Validation of an AHB-to-Wishbone Protocol Bridge for SoC Applications	Garima Singh
17:20	17:30	216	High-Performance Barrel Shifter Architecture Using CMOS Multiplexer Networks for VLSI Applications	Pranavi Palle
17:30	17:40	220	Hybrid Multiplier based Optimized MAC Architecture	Sai Nikhitha Naganaboina
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ICSEIS 2026 – Program Schedule on 1-08-2026 (DAY-2)				
Session II (15:30–17:30)				
Venue: Lecture Hall 2 (Chandra sekhar Hall second floor of the Seminar Halls Complex)				
Chair: Prof Kamesh Namuduri & Prof Sundaram Vanka				
Student Co-ordinator: Rajeswari Maloth & Boddu Vijaya Sree				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:30	15:40	12	AI-Driven Lane Detection and Navigation Path Prediction for Smart Transportation	Jagini Sri Varsha ; G Naga Rama Devi Aerukula Swapna ;Amit R. Nair ; Pailla Ashwitha Thirutopu
15:40	15:50	21	AI Based Traffic Prediction and Energy Aware Routing in Simulated Communication Networks	Nitish Yasa ; Yogesh Panche ; ; Devisri Santhoshi Yenna; Ravi Shireesh Kumar
15:50	16:00	30	UAV-Based Life Jacket Delivery System for Aquatic Rescue	Shaikh Sameer ; Koyyana Hemanth Abhiram ; V Meenakshi
16:00	16:10	105	Attention-Based Tab Net Framework for Network Traffic Classification Using Deep Learning	Sai Teja kokala
16:10	16:20	110	A Morse Code-based Optical Communication System	G Sharma
16:30	16:40	197	Computer Vision Guided Autonomous Wheelchair Using SLAM and IoT for Real Time Navigation and Health Monitoring	Manoj Daragani
16:40	16:50	215	Residual-Refined cGAN for HAPS Channel Estimation	Karthiga Nareindiren
16:50	17:00	236	Multi-Constellation GNSS for Enhanced UAV Position and Navigation: Experimental Analysis	Vimala Kumari Jonnalagadda ; Suneetha Manne
17:00	17:10	244	Blockchain-Assisted Federated Deep Reinforcement Learning (B-FDRL) for Trustworthy Spectrum Allocation in 5G Cognitive Radio Networks	S. P. SANTHOSHKUMAR ; Gajalakshmi S
17:10	17:20	285	A Lightweight Multi-Authority Searchable Encryption Scheme for IoT Systems Utilizing Cloud-Edge Orchestration	Rajan Mehla; Ritu Garg
17:20	17:30	290	Collision-Free Multi-Objective UAV Path Planning Using Grey Wolf Optimization	Ritu Garg ; Lavanya Jain ; Samskruthi Aitha
17:30	17:40	294	Design and Analysis of Active Inductor for Wireless Communication Applications	Sachin Kumar
17:40	17:50	299	Wireless Fidelity Enabled Vehicle-to-Vehicle Communication for Collision Avoidance	vinuthna kondaveeti ; Joseph Sanam : Sannutha Priya
17:50	18:00	303	Hardware-Oriented Implementation of a Secure QR Communication Pipeline Using AES-128 and Reed-Solomon Error Correction	Shilpee Jhariya; Dheeraj Agarwal
18:00	18:10	307	Deep Learning Based Channel Estimation for OTFS Systems: A Comparative Study of Threshold, MLP, and CNN Methods	Shivam Sikarwar; Chhagan Charan ; Rihitik Biddu
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ICSEIS 2026 – Program Schedule on 2-08-2026 (DAY-3)				
Session I (15:30–17:30)				
Venue: Lecture Hall 1 (Khurana Hall second floor of the Seminar Halls Complex)				
Chair: Prof. Hanumant Singh & Prof. Jan Pidanic				
Student Co-ordinator: Ramya Ch & Narender Malishetty				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:30	15:40	43	Voice-Based Parkinson's Disease Screening via Consumer Smartphones: External Validation and Deployment Analysis	Dr. Amandeep Kaur
15:40	15:50	45	Human-Centric Cognitive Pattern Analysis and Smart Recommendation System for Early Alzheimer's Risk Prediction	Mohitha Shanmugam Natarajan ; Pranathi K ; Srihaasa Bhavaraju
15:50	16:00	80	Intelligent ECG Lead Selection using Multi Class Models for Energy-Efficient Monitoring	Laxmi Tanuja Pothuganti
16:00	16:10	85	A Hybrid Deep Learning Framework for Personalized Healthcare Recommendation and Health Risk Prediction	Utheja Maheshwaram
16:10	16:20	112	Diagnosis of diabetic patients based on ECG Signals using ML algorithm	Addanki Sundar
16:30	16:40	116	Residual Deep Neural Network–Based Framework for Accurate Heart Disease Prediction Using Clinical Data	Swetha Batthula
16:40	16:50	121	Decentralized Healthcare Data Sharing Using Block chain and Federated Learning	Pulla Sai Praneet
16:50	17:00	137	An Interpretable CatBoost-Based Framework for Accurate Breast Cancer Classification	Sadhana Pappula
17:00	17:10	139	Blockchain-Based Secure Healthcare Records Management System Using IPFS and Ethereum Smart Contracts	Base Vaishnavi; Maheswari K
17:10	17:20	142	Ensemble Deep Learning Framework for Breast Cancer Detection from Mammograms Using ResNet50 and CNN LSTM with Grad-CAM Explainability.	Swapna Amancha ; Maheswari K
17:20	17:30	231	AI-Driven Optimization of Donor Selection and Multi-Organ Transplantation: A Predictive Framework	Haseena Bheemunipati
17:30	17:40	241	An Intelligent Medical Chatbot Framework Using Hybrid Deep Learning and Cross-Attention Fusion (NovelMedNet)	Arun Prasad YASARENI
17:40	17:50	300	Attention-Driven Deep Cardiac Acoustic Analysis Using MelSpectrogram and Transformer Learning	vani reddy ; Vasundhara .
17:50	18:00	305	Federated Deep Learning for Privacy-Preserving ECG Classification Using an Iterative Error Feedback CNN-Transformer with Token Pruning	Vanitha Devi R ; Sagili Karthik Reddy ; Rapolu Vijay
18:00	18:10	310	An Efficient FPGA-Based Architecture for Real-Time ECG Signal Acquisition and FIR Filtering	Pavana G (Dayananda sagar college of engineering)*
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ICSEIS 2026 – Program Schedule on 2-08-2026 (DAY-3)				
Session II (15:30–17:30)				
Venue: Lecture Hall 2 (Chandra sekhar Hall second floor of the Seminar Halls Complex)				
Chair: Prof. Vipin Chaudhary & Dr Shrivanas Ramaka				
Student Co-ordinator: Shiva Sri Charan Chedupaka & Kaira Akshara				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:30	15:40	34	AI-POWERED JOB MARKET ANALYTICS AND SKILL DEMAND FORECASTING DASHBOARD	Kataram Navya Sree
15:40	15:50	103	Explainable Machine Learning For Groundwater Level Forecasting Using Climate Data	Shravya Pulasi
15:50	16:00	119	A Hybrid Attention-Enhanced Residual Neural Network for Metadata-Based Bird–Drone Classification	Bhavani Kummari
16:00	16:10	138	UTGC: A Hybrid Deep Learning Framework for UPI Growth Regime Classification Using Temporal Transaction Data	Dhanush Veligeti
16:10	16:20	203	AI Based Interior Design Visualization Tool	Sheetal J
16:30	16:40	219	AI-Based Automated Examination Paper Evaluation: Techniques, Architectures, and Future Directions	Lokesh Reddy Manda
16:40	16:50	255	Tiny CNNT rafo: A Lightweight CNN–Transformer Fusion for Efficient Digit Classification	msravan kumarbabu
16:50	17:00	286	An Intelligent Hybrid Framework for Predicting Traffic Accident Severity Using Deep Learning and Ensemble Methods	Vimala Devi K
17:00	17:10	284	A Robust Non-Blind Digital Image Watermarking Scheme utilizing DWT-SVD Decomposition for Forensic Traceability	Kanishthika K ; Vijay N ; Sanjit Rao S Chavan ; Shreya Krishna
17:10	17:20	297	Intelligent Walking Stick with AI-Based Obstacle Classification for Enhanced Navigation of Visually Impaired Individuals	Jhansi rani gundala
17:20	17:30	306	Benchmarking Hybrid Trigonometric–RBF Kernels Against Classical KMeans for Structured Clustering	Abhishek Jangid ; Harish Nager
17:30	17:40	308	AI-Driven Climate Optimisation Framework for IoT-Based Smart Greenhouse Systems	vishvendra nagar; Abhinav Mishra
17:40	17:50	313	AI-Based Civic Issue Detection and Prioritization	pathuri hasini
17:50	18:00	315	LLM-Enhanced Transformer Based Sentiment Aware E-Commerce Recommendation System	Devi Sri Prasanna Kunuku ; JayaLakshmi Gundabathina; Naga Nikshipta Vemuri
18:00	18:10	316	Drishti: A Physics-Grounded Deterministic Framework for Real-Time Crowd Safety Monitoring at Pedestrian Chokepoints	Nitin Kumar Pandey ; Abhay Mahantesh Zalaki ; Smit Bhavesh Trivedi ; Balaji Subramanian
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ICSEIS 2026 – Program Schedule on 2-08-2026 (DAY-3)				
Session III (15:30–17:30)				
Venue: Lecture Hall 2 (Chandra sekhar Hall second floor of the Seminar Halls Complex)				
Chair:				
Student Co-ordinator: Pinagadi Meghana & B. Lakshmi Prasanna				
FROM	TO	PAPER ID	PAPER TITLE	AUTHORS
15:30	15:40	1	Explainable AI-Driven Framework for Real-Time Data Leakage Detection in Cloud Environments	Sahil Patil
15:40	15:50	2	AI-Driven Data Leakage Detection in Multi-Cloud Environments Using Observability and Machine Learning	Sahil Patil
15:50	16:00	4	CNN-Based Plant Classification and Smart Soil Nutrient Monitoring for Precision Agriculture	VISHWAJEET SHARAN ; Smriti Kumar ; Mohammad
16:00	16:10	16	AI-Powered Deep Learning Video Based Human Activity Analysis	Abhinayasree Namani ; Kalidas M ; Jyoshna B ; Jagruthi Uppala ; Karthik Mekala
16:10	16:20	26	AI Based Digital Forensics Timeline Reconstruction System	Sanjana Pinjari; Pravalli Godugu; Vineeth Kumar Bussa ; Prakash Sandrala ; Srinivasa Rao P
16:30	16:40	28	A Modular Network Scanning and Password Security Framework	Tharani R *; Harini S ; Kalaivani T; Jayasri P
16:40	16:50	41	Satellite Image–Based Land Use Classification Using U-Net	Sarika Gurram ; Jhansi Rani Gundala ; SAIPRIYA J; Sreeja K ; Farukh Hashmi Dr.Mohammad
16:50	17:00	66	A Novel Deep Learning Framework for Taxi Fare Prediction Using Feature Interaction and Attention-Based Residual Learning	Ganesh Ananthula
17:00	17:10	104	Blockchain-Enabled Secure Academic Credential Verification Using Smart	Sravika Beesa
17:10	17:20	143	Blockchain-Based Digital Identity Authentication Using Random Forest for Secure Access Control	Meghana Bantu
17:20	17:30	146	A Blockchain-Enabled QR Code Framework for Secure Product Authentication and Counterfeit Detection	Satya Prakash Mohanty
17:30	17:40	190	Text Detoxification Using Large Pretrained Neural Models: A Comprehensive Evaluation of T5, BART, and GPT-based Approaches	Adhitya Darshanala
17:40	17:50	227	Deepfake Video Detection Through Explicit Temporal Inconsistency Modeling Using Hybrid EfficientNet-Transformer Networks	Harikesh Kumar
17:50	18:00	228	Cross-Attention Based Spatial-Temporal-Frequency Deepfake Detection Using Vision Transformer	Harikesh Kumar
18:10	18:20	229	Hybrid Vision-RL Automatic Parking Assistance System with Park-In/Park-Out for Congested Urban Spaces	Mohit Madhukar
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