



# Schedule of Paper Presentations

ICETCI 2024



All given times are according to Indian Standard Time, i.e. UTC + 5:30

## Day - 2: 23<sup>rd</sup> August 2024 (Friday)

### Session 1: General Topics in Computational Intelligence - 1

Venue: IT 1 - First Floor, Wing 2 - CR 1

Time	Paper-id	Paper-title	Author Names
16:15	1570998406	<i>Unstructured to Visualized: Transforming Data into Knowledge Graphs via Processing Pipeline</i>	Afifa Fatima, Prerana Jalapally and D. Naga Jyothi (Chaitanya Bharathi Institute of Technology, India)
16:35	1570998497	<i>Comparative Study of Different LLM's for Captioning Images to Help Blind People</i>	Mrunal Vijay Sondur (Vishwakarma Institute of Technology, Pune & NA, India)
16:55	1571001981	<i>Meta-Heuristic-Based Feature Selection for Stroke Prediction in Smart Healthcare System</i>	Tanisha Patel and Nilesh Kumar Jadav; Sudeep Tanwar (Nirma University & Institute of Technology, India); Deepak Garg (SR University, India)
17:15	1571001993	<i>Advancing Beach Litter Detection with Split and Federated Learning Collaborative Framework</i>	Aditya Patel, Ayushi Shah and Nilesh Kumar Jadav (Nirma University, India); Sudeep Tanwar (Nirma University & Institute of Technology, India); Deepak Garg (SR University, India)
17:35	1571005179	<i>Understanding Student Behavior and Learning Patterns Through Video Analytics: A Comprehensive Literature Review</i>	Jyoti Gadad; Vijayalakshmi M (K L E Technological University, India)
17:55	1571006412	<i>Exploring Students' Attitudes Towards Robotics Technology in STEM Education: A Machine Learning-Based Prediction Analysis</i>	Roheet Bhatnagar (Manipal University Jaipur, India); Mahmoud I. Abd El; Ahmed Ghazy and Mahmoud Shams (Kafrelsheikh University, Egypt); Ahmed Elshewey (Suez University, Egypt); Zahraa Tarek (Mansoura University, Egypt); Sayed Kenawy (Delta Higher Institute for Engineering & Technology, Egypt)

## Day - 2: 23<sup>rd</sup> August 2024 (Friday)

### Session 2: General Topics in Computational Intelligence - 2

Venue: IT 1 - First Floor, Wing 2 - CR 2

Time	Paper-id	Paper-title	Author Names
16:15	1571006635	<i>Wavelet-ANN Based Detection of Fault Location of 2-Bus Connected Power Transmission System</i>	S Chandra Shekar (NRI Institute of Technology, India); S. Jagadeesh (Sridevi Womens Engineering College, India); Shivashanker K (Vellore Institute of Technology, India); Vinayasagar Kommukuri (NIT Rourkela India, India)
16:35	1571008497	<i>Motion Parameter Estimation of Low Flying UAV Using Acoustic Sensor</i>	Rakeshwar Arumugaraj (Anna University, India); Saravanakumar A and Senthilkumar K (Professor, India)
16:55	1571010877	<i>A Study on Sustainable Tourism and Application of Sentiment Analysis in the Tourism Industry</i>	Chandra Prakash Gupta, Ravi Kumar V (Symbiosis Institute of Business Management, Pune, India & Symbiosis International, Deemed University, Pune, India)
17:15	1571010956	<i>A Novel Low-Complexity Approach to Drowsiness Detection Using One Bit Bayes Classifier</i>	Naveen Jones, M. Surya Prakash and Anup Aprem (National Institute of Technology Calicut, India)
17:35	1571011209	<i>Content Retrieval in Information Centric Networks Using Machine Learning Models</i>	Nitul Dutta; Surya Beri Samantha (SRM AP, India)
17:55	1571011527	<i>Design and Analysis of High Q Graphene Octagonal Planar Inductor for C Band Applications</i>	SAMEER MOHAMMAD (Kakatiya Institute of Technology and Science Warangal, India); Sunil T (KITS, India); Vijender Reddy and Mudrukola Tejaswi (Kitsw, India)

## Day - 2: 23rd August 2024 (Friday)

### Session 3: General Topics in Computational Intelligence - 3

Venue: IT 1 - First Floor, Wing 2 - CR 3

Time	Paper-id	Paper-title	Author Names
16:15	1571011579	<i>A Fuzzy Approach Towards the Measurement of Subject-Specific Cognitive Load During Mental Task Using Hemodynamic Response</i>	Subashis Karmakar Tandra Pal (National Institute of Technology Durgapur, India); Chiranjib Koley (NIT Durgapur, India)
16:35	1571011968	<i>Harmonizing Individual and Group Interests: A Strategy for Fostering Cooperation in Social Dilemma Games</i>	Garrison Greenwood (Portland State University, USA); Hussein A Abbass (University of New South Wales, Australia); Aya Hussein (University of Canberra, Australia)
16:55	1571012121	<i>Game-Theoretic Framework for Resilient Network Security and Recovery: Insights from UAV- Enabled Disaster Recovery</i>	Sherine Glory J, Sree sai chaithresh Kommi, Panguluri Venkata Vivek and Mohammad Vajid Ahamed (R M D Engineering College, India)
17:15	1571012153	<i>GesturesSpeak: An IoT-Based Gesture to Speech Translator</i>	Sreenivasa Chakravarthi Sangapu, Manogna S. V. S and Aashish Reddy Shenagapally; Sountharajan S (Amrita School of Computing, Amrita Vishwa Vidhyapeetham, Chennai, India)
17:35	1571012262	<i>Integration of Voice Assistant with ChatGPT and DALL-E</i>	Aashish Joshua James (Mahindra University, India); Jahnvi Siripurapu (Mahindra University & 5th Bridge Data Technologies LLP, India); Neethu Dhvani Vangapalli and Yashwanth Reddy Chinnamallu (Mahindra University, India)
17:55	1571012715	<i>Automated Dance Choreography and Direction Using Music Classification and Contextual Factors</i>	Vidisha Chandra, Vibha Murthy, Vishakha Hegde, Rayudu Srishti and Srinivas K S (PES University, India)

## Day - 2: 23<sup>rd</sup> August 2024 (Friday)

### Session 4: Deep Learning - 1

Venue: IT 1 - First Floor, Wing 3 - CR 1

Time	Paper-id	Paper-title	Author Names
16:15	1571018831	<i>Enhanced Pneumonia Detection in Chest X-Rays Through Model Fusion</i>	Nagoor Meeravali Shaik and Aazmi Irfan Mohammad, Sreenivasa Chakravarthi Sangapu, Sountharajan S (Amrita School of Computing, Amrita Vishwa Vidhyapeetham, Chennai, India)
16:35	1571018860	<i>Traffic Congestion Management Using Deep Reinforcement Learning and Decentralized Routing</i>	Vamsi Krishna Tumuluru, Nirmithi N, Niharika Mall, Advait M Rajeev and Athish Kathirvel Shanmugasundaram (PES University, India)
16:55	1571018968	<i>Smart Garbage Classification Using Cutting Edge Technology (VGG-16)</i>	Rohith Musham, Srikar Sammeta, Sai Vardhan Reddy Pabbathi, Koushik Yarakala, Gayatri Mantri and Shashi Rekha Ravula (Malla Reddy College of Engineering and Technology - JNTUH, India)
17:15	1571019152	<i>Vision Based Lane Assistance System</i>	Monishaa S and Logaprakash M (Sri Ramakrishna Engineering College, India); Himajith Aithal and Saravanakumar C Shanmugam (Bosch Global Software Technologies Pvt Ltd., India)
17:35	1571019337	<i>Stock Price Prediction Leveraging News Headlines</i>	Mudit Choudhary and Vikas Bajpai (The LNM Institute of Information Technology, India); Anukriti Bansal (IIT Delhi, India)
17:55	1571019665	<i>Deciphering the Unreplicable: Machine Learning Paradigms for Assessing and Manipulating Physical Unclonable Functions</i>	Kaipa Sri Charan ; Pavan Kumar Settem ; Sathish Ande (Koneru Lakshmaiah Education Foundation, Hyderabad & Indian Institute of Technology Hyderabad, India); Aditya Japa (Queens University, United Kingdom (Great Britain))

## Day - 2: 23<sup>rd</sup> August 2024 (Friday)

### Session 5: Deep Learning - 2

Venue: IT 1 - First Floor, Wing 3 - CR 2

Time	Paper-id	Paper-title	Author Names
16:15	1571016717	<i>A Reinforcement Learning Sampling Optimization Method Based on Training Value</i>	Baicheng Chen; Tianhan Gao; Qingwei Mi (Northeastern University, China)
16:35	1571016961	<i>Enhancing Neurofuzzy Plasticity: A Fusion of LSTM and Artificial Neurogenesis</i>	Anirudh Sowrirajan, Sundari Avanthikaa Srinivasan and Pranav Srinivasan ; Prasanna Devi S (SRM Institute of Science and Technology, India)
16:55	1571017147	<i>Neuroimaging-Based Age Prediction with Genetic Algorithm for Feature Optimization</i>	Michael G ; Jangam Subbarayudu (Saveetha School of Engineering, SIMATS Engineering, Saveetha University, India) V Sheeja Kumari (SIMATS School of Engineering & SIMATS University, Chennai, India);
17:15	1571017648	<i>Nuchal Translucency Assessment in Prenatal Screening: An Attention-Based U-Net Approach</i>	Babu Chinta (Center for Medical Electronics & Computing, Ramaiah Institute of Technology, Bengaluru, India); Natarajan Sriraam (Dept of Medical Electronics Engineering, Ramaiah Institute of Technology, Bengaluru, India); S Suresh and S Sudharshan (Mediscans Pvt Ltd, India)
17:35	1571017773	<i>Deep Learning Implementation on SAR Data for Built-Up Extraction for Hyderabad City</i>	Sampath Kumar P ; Reedhi Shukla (National Remote Sensing Centre, India); Satish Jayanthi and Saiveena Suresh (NRSC, India)
17:55	1571018563	<i>Real-Time Detection of Speech Based Affective Behaviour Using Deep Learning</i>	Yash Dev Parashar and Satyajit Pangaonkar (Avantika University, India); Surendra Rahamatkar (Amity University Raipur Chhattisgarh India, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

**Session 6: SS – 8 on Deep Learning Modes and Applications in Computer Vision**

**Venue: IT 1 - First Floor, Wing 2 - CR 1**

Time	Paper-id	Paper-title	Author Names
10:45	1571010147	<i>Intelligent Connected Vehicle Intrusion Detection and Mitigation: An Analysis of Explainable AI</i>	Ravula Vishnukumar, Adla Padma, Mangayarkarasi R (Vellore Institute of Technology, India)
11:05	1571012308	<i>License Plate Recognition and IOT Based Parking System</i>	Arul Vivek, Raman Subramanian Shriram, Karthikeyan P, Harikrishna Pydi (Thiagarajar College of Engineering & Anna University, India)
11:25	1571016466	<i>Systematic Analysis on Predictive Lung Health Anomaly Detection and Lung Disease Classification System Integrating IOT</i>	Nagaraj P, Dhiliphan Rajkumar, ramu Y, Naresh V and Naveeth Akther M (Kalasalingam Academy of Research and Education, India)
11:45	1571016476	<i>High-Level Synthesis Based Hardware Accelerator for LSTM Neural Network</i>	Shabarinath B B, Mr. (VNR Vignana Jyothi Institute of Engineering and Technology, India); Pullakandam Muralidhar (NIT Warangal, India); Aishwarya Adike, Adithya Vardhan Kankari and Charan Teja Ramanakulam (VNRVJIET, India)
12:05	1571017754	<i>Fabric Defect Detection Systems and Methods in India: A Comprehensive Review</i>	Deepti Patil (Sharnbasva University, India)
12:25	1571024158	<i>Optimal Solution Implemented for Deadlock Problems of the FMSs Modeled and Simulating with Petri Nets</i>	Mowafak Hassan Abdul-Hussin (University of Technology, Baghdad, Iraq)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 7: General Topics in Computational Intelligence - 4

Venue: IT 1 - First Floor, Wing 2 - CR 2

Time	Paper-id	Paper-title	Author Names
10:45	1571019184	<i>Performance Analysis of a Scalable Federated Learning-Based Agricultural Network</i>	Shatanik Chakraborty (Meghnad Saha Institute of Technology Kolkata India, India); Maharnab Sarkar (Engineering and Textile Technology Berhampore India, India); Avijit Gayen (Indian Institute of Technology, Patna, India); Angshuman Jana and Nilotpai Chakraborty (IIIT Guwahati, India)
11:05	1571019397	<i>Frequency Domain Parameters of a Two-Area Automatic Generation Control</i>	Hussain Shaik (JNTU Kakinada & Vidya Jyothi Institute of Technology, India)
11:25	1571019400	<i>Self-Organizing Map for Automated Quality Assessment in Algorithmic Music Computation</i>	Prafulla Kalapatapu, Ventrpragada Sai Srikar, Aakarsh Reddy, Vineeth Mallavarapu, Bhargav Karra and Arya Kumar Bhattacharya (Mahindra University, India)
11:45	1571019458	<i>Music Recommendation System Using Facial Detection Based Emotion Analysis</i>	Manvitha Sri Guthula and MONALI BORDOLOI (VIT-AP University, India)
12:05	1571019593	<i>Multi Agent System Based Control for Energy Management of Hybrid Microgrid System</i>	Praveen kumar reddy K (Jawaharlal Nehru Technological University Anantapur, India)
12:25	1571025568	<i>Neural Architecture Search Applied to Autoencoders Trained on Noisy Industrial Data: Single and Multi-Objective Investigations</i>	Aditya Sai Ellendula (Mahindra University, India); Aurelien Anand (Ecole Centrale de Lyon, France); Arya Kumar Bhattacharya (Mahindra University, India)



## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 8: General Topics in Computational Intelligence – 5

Venue: IT 1 - First Floor, Wing 2 - CR 3

Time	Paper-id	Paper-title	Author Names
10:45	1571020451	<i>Evolving Potential Fields for Ship Driving in Accordance with the Nautical Rules of the Road</i>	Korben Diarchangel, Liam Francisco and Jude Koenig ; Sushil J Louis (University of Nevada Reno, USA)
11:05	1571024043	<i>Alicia - AI Virtual Assistant</i>	Rajat Jaiprakash Rai, Snehal Rohit Chitale, Shivam Rajendra Modhave, Ishika Salil Raikar and Aman Rajendra Sharma (University of Mumbai, India & Pillai HOC College of Engineering and Technology, India)
11:25	1571019770	<i>AcuLearn - Precision Based Learning Analytics Platform Using Machine Learning Algorithms</i>	Poluri Manaswini (Amrita Vishwa Vidyapeetham & Amrita University, India)
11:45	1571011790	<i>IFSoftpy: Intuitionistic Fuzzy Soft Set Measures Python Library</i>	Milar Sinamcha (Amity University Noida, India)
12:05	1571019569	<i>Motor-Imagery Signal Preprocessing Using the SMOTE Technique and Neuromuscular Disorder Detection</i>	Sreedevi Ch and Suresh Annamalai (SRM Institute of Technology, India)
12:25	1571021448	<i>AstroFusion: A GAN-Augmented Approach for Exoplanet Detection</i>	Gopirajan PV; Aakash Suresh (SRM Institute of Science and Technology, Kattankulathur, Chennai, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 9: General Topics in Computational Intelligence - 6

Venue: IT 1 - First Floor, Wing 3 - CR 1

Time	Paper-id	Paper-title	Author Names
10:45	1571015858	<i>A Preliminary Review on UAV-Oriented Spectro-Spatial Applications and Photogrammetric Case Studies</i>	Saneev Das ; Sujata Chakravarty (Centurion University of Technology and Management, Bhubaneswar, India, 752050)
11:05	1571016742	<i>Formulating Explainable UI/UX for Bank ATM and Analytic Performance of HCI</i>	Jay R. Bhatnagar; Shlok Agarwal (GEU, India); Ravi Prakash Iyer (IIT Tirupati, India);
11:25	1571018313	<i>Analyzing Computer Virus Propagation: Integrating Monte Carlo Simulations with Delay Differential Equation Models</i>	Ananya Hazarika, Abhirath Sangala, Raghu Neelisetti and Rakhee Basu (Mahindra University, India)
11:45	1571018776	<i>A Novel Direct Formula Based Technique for Predicting the Class Label of New Unseen Test Tuple Without Learning</i>	D Mabuni ; Aquter S Babu (Dravidian University, India); Sudarsana C Reddy (Chadalawada Ramanamma Engineering College, Tirupati, India)
12:05	1571019029	<i>Aerodynamic Drag Reduction in Heavy Vehicles</i>	Abhishek Gudipalli ; Amutha Prabha. N, Jr; Indra Gandhi (VIT University, India)
12:25	1571019068	<i>Advances in the Detection of Pulmonary Diseases: A Detailed Review</i>	Sujal Sinha, Ajay Pal Singh, Mohit Shankar, Kislai Kumar and Yash Pande (Chandigarh University, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 10: Deep Learning – 3

Venue: IT 1 - First Floor, Wing 3 - CR 2

Time	Paper-id	Paper-title	Author Names
10:45	1571019743	<i>Machine Learning Techniques for Fraud Detection in Financial Transactions</i>	Manak Wadhwa, Jasdeep Kaur and Ajay Pal Singh (Chandigarh University, India)
11:05	1571019744	<i>Enhancing Image Super-Resolution with GANs Featuring Enhanced Deep Super-Resolution and Attention Mechanisms</i>	Aditi Katiyar and Aditya Kumar Gannavarapu (Vellore Institute of Technology, India); Kannan Kannan (Vit, India)
11:25	1571023899	<i>Improving Brain Tumor Detection Efficiency with Convolutional Neural Network</i>	Md Abdul Based, Prof (Dhaka International University, Bangladesh)
11:45	1571011219	<i>AutoCoach: An Automated Playing Eleven Selection Framework in Cricket</i>	Pulkit Sharma (Queen Mary University London, United Kingdom (Great Britain)); BILAL HASSAN (London Metropolitan University, United Kingdom (Great Britain)); Muhammad Farooq Wasiq (Air University Islamabad, Pakistan)
12:05	1571015502	<i>A Framework for Visualization of Streaming 3D Point Cloud</i>	Gollapudi Ramesh Chandra ; Ashritha Katakam ; Bhanu Teja Chapala ; Shaik Jnaved and Poojitha Chindam (Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, India)
12:25	1571011937	<i>Exploring Network Security Metrics and Enhancing the Secure Computing for Cloud Through Honeypot</i>	Pallavi Joshi (Amrita Vishwa Vidyapeetham, India); Anusha B (Amrita Vishwa Vidyapeetham, Mysuru, India); Kruthi V (Amrita Vishwa Vidyapeetham, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 11: SS-1: Computational Intelligence in Disease Diagnosis

Venue: IT 1 - First Floor, Wing 3 - CR 3

Time	Paper-id	Paper-title	Author Names
10:45	1571010398	<i>A Survey on Multi-Classification of Pulmonary Diseases Using Image Processing and Deep Learning Algorithms</i>	Uma Maheswari V, Niveditha Reddy Mandala and Roopika Ponnur (Chaitanya Bharathi Institute of Technology, India)
11:05	1571010643	<i>Prediction Model for Suicidal Behavior Disorder Risk Analysis by Correlating Cyber and Real World Data</i>	Gone Neelakantam (Mahindra University, India)
11:25	1571012176	<i>Comparing FFT-Based Power Spectral Density Estimation Between Om Mantra Meditators and Control Group</i>	Bhavna P Harne (Shri Sant Gajanan Maharaj College of Engineering Shegaon, India)
11:45	1571018998	<i>A Novel Attention Informed Voting Ensemble Framework for Retinal Disease Classification</i>	Jaswanth Nidamanuri (CSE, School of Technology, Woxsen University, Hyderabad, India); Aditi Baggu (Bachelor's of Technology, Woxsen University, India); Venkata Abhiram Poliseti (School of Technology, Woxsen University, India)
12:05	1571023686	<i>An Analysis of Clinical and Sociodemographic Data on Congenital Syphilis Using Gaussian Naive Bayes and XAI Modeling</i>	Nishat Nayla (BRAC University, Bangladesh)
12:25	1571011829	<i>Advanced Threat Protection for File Storage</i>	Neelakantan Puligundla (VNR Vignana Jyothi Institute of Engineering & Technology, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 12: Deep Learning – 4

Venue: IT 1 - First Floor, Wing 2 - CR 1

Time	Paper-id	Paper-title	Author Names
15:00	1571004320	<i>Advancing End-To-End Sentence Level Lipreading with Spatiotemporal Convolutions and BiLSTM</i>	Prabhjot Kaur (Maharaja Surajmal Institute of Technology, GGSIPU, India); Anupama Kaushik and Ishita Singhal
15:20	1571004328	<i>Air Pulse - an Air Quality Status Analysis Model</i>	Prabhjot Kaur (Maharaja Surajmal Institute of Technology, GGSIPU, India); Anupama Kaushik and Kavya Jain
15:40	1571009289	<i>Blockchain Based Secured Transfer of High Priority Messages in VANET</i>	Rajesh Ganesan; Mercilin Raajini X, Meyyappan S, Rajapriya R, Rozen Berg D and Logeshwaran K (Anna University, India)
16:00	1571012202	<i>Wireless Sensor Network-Driven IoT Solution for Advanced Borewell Rescue Robotics</i>	Meera V, Sharon Nesa Mercia David, Padmapriya J and Murugavalli S (Panimalar Engineering College Chennai City Campus, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 13: Deep Learning – 5

Venue: IT 1 - First Floor, Wing 2 - CR 2

Time	Paper-id	Paper-title	Author Names
15:00	1571009531	<i>Impact of AI Technology Incentives on Indian Youth Digital Inclusion: A Critical Review</i>	Priya Bijalwan and Ashulekha Gupta (Graphic Era University, India); Omdeep Gupta (Graphic Era Hill University, India)
15:20	1571011510	<i>Fruit Classification Based on Freshness</i>	M Mallegowda, Sanskar R G, Vishveshwara N, Swafna G A, Vivek J, Anita Kanavalli (M S Ramaiah Institute of Technology, India)
15:40	1571021965	<i>Exploration of Inaccessible Fibrins in SEM of RBC Using Fractal Based Modified Segregation Scoring Approach</i>	Parvatham Vijay (Sri Sairam Institute of Technology, Chennai, India)
16:00	1571019501	<i>Performance Evaluation of Coherent &amp; Non-Coherent MIMO Radar for Target Detection</i>	Atul Khuntia, Kumar Aditya, Divya Dharshini R and Mythri R (Acharya Institute of Technology, India); Devasis Pradhan (Acarya Institute of Technology & Acharya Institute of Technology, Bangalore, India); Arun Agarwal (Siksha O Anusandhan Deemed to Be University, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 14: SS-7: Memristor based Neural Networks

Venue: IT 1 - First Floor, Wing 2 - CR 3

Time	Paper-id	Paper-title	Author Names
15:00	1571019581	<i>Efficient Illumination: Arduino-Based Street Light Automation for Energy Savings</i>	Dhairya A Mehra, Rutu B Bhanderi, Anushka Hegade and Chandan Kumar Choubey (Symbiosis International Deemed University, India)
15:20	1571019708	<i>A Comparative Analysis of Deep Learning Algorithms for Intrusion Detection in IoT</i>	Gaurav Sushant Cherukuri, Lakshmi Ajay Veeramraju and Rashmi Sahay (The ICFAI Foundation for Higher Education, Hyderabad, India)
15:40	1571013213	<i>A Survey on Image Segmentation for Applications and Performance of Deep Convolution Neural Network Architecture</i>	Bhargavi Kandadai (FST-ICFAI, India); Ch V Phani Krishna (Teegala Krishna Reddy Engineering College, India)
16:00	1571019892	<i>Restaurant Reviews Sentiment Analysis Using Machine Learning Approach</i>	Burra Harini (IcfaiTech, IFHE, Hyderabad, India)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 15: Deep Learning - 6

Venue: IT 1 - First Floor, Wing 3 - CR 1

Time	Paper-id	Paper-title	Author Names
15:00	1570995655	<i>Automated Hardware Security Evaluation Framework Using PSO and CNN for Optimizing Key Gate Placement and Enhanced Security Analysis</i>	Dhanam B, Marichamy P, PSR College of Engineering, Sivakasi, India
15:20	1571006410	<i>Early Detection of Black Fungus Using Deep Learning Models for Efficient Medical Diagnosis</i>	Roheet Bhatnagar (Manipal University Jaipur, India); Esraa Hassan (Kafrelsheikh University, Egypt); Abeer Saber (Damietta University, Egypt); Sayed Kenawy (Delta Higher Institute for Engineering & Technology, Egypt); Mahmoud Shams (Kafrelsheikh University, Egypt)
15:40	1571006970	<i>Diagnosis of Pneumonia from DICOM Images Using Deep Learning Techniques</i>	Harkawalpreet Kaur and Amita Patnaik (SAP LABS INDIA, India)
16:00	1571008467	<i>A Deep Learning Dive into Predicting Pneumonia Disease Using ANN and CNN Techniques</i>	Madala Chaitanya Prabhu ; Nagaraj P, C Jahnvi, B Meghana Reddy, C Bharath Kumar and N Akhilesh (Kalasalingam Academy of Research and Education, India)
16:20	1571009292	<i>Leveraging Deep Learning Models to Detect and Expose Fake User Profiles in Online Social Networks</i>	Katralla Sandhya, Vyasabhattu Mohith Raju, Kurra Vamshi and G S Prasada Reddy (Vardhaman College of Engineering, India)



## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 16: Deep Learning - 7

Venue: IT 1 - First Floor, Wing 3 - CR 2

Time	Paper-id	Paper-title	Author Names
15:00	1571012108	<i>Autonomous Vehicle Lane Following Network Based on Multimodal Sensor Fusion and LiDAR Reconstruction in Extreme Lighting and Snowing Environments</i>	Padmapriya J, Meera V and Murugavalli S ; L Karthikeyan (Panimalar Engineering College, India)
15:20	1571012198	<i>Brain Tumor Detection Using Deep Learning and VGG-16 Model</i>	Saksham Sonik, Ritik Kumar Sahoo, Ayon Kumar Das, Aditya Kumar Sharma, Deepak Kumar Rakesh and Bichitrananda Behera (CV Raman Global University, India); Rakesh Ranjan Kumar (Indian Institute of Technology (ISM), Dhanbad, India)
15:40	1571013668	<i>Enhancing Attendance Management-A Smart Approach via Face Recognition with HAAR CASCADE ALGORITHM</i>	Esakki Ram; Rajkumar K (National Engineering College, India)
16:00	1571015063	<i>Multimodal MRI Analysis for Schizophrenia Classification Using Machine Learning Algorithm</i>	Tamilarasi S ; Vijayarajan Rajangam (Vellore Institute of Technology Chennai, India)
16:20	1571015677	<i>Enhanced Multi-Class Weather Image Classification Using Data Augmentation and Dynamic Learning on Pre-Trained Deep Neural Net</i>	Dibyendu Chatteraj, Abhiroop Chatterjee and Susmita Ghosh (Jadavpur University, India); Ashish Ghosh (ISI Kolkata, India); Emmett Ientilucci (Associate Professor, USA)

## Day - 3: 24<sup>th</sup> August 2024 (Saturday)

### Session 17: Computational Sequence Modelling

Venue: IT 1 - First Floor, Wing 3 - CR 3

Time	Paper-id	Paper-title	Author Names
15:00	1571011739	<i>A Data-Driven Analytical Framework for Predicting Fuel Consumption in Shipping Industry</i>	Varad Acharya, Aarav Shah and Nilesh Kumar Jadav; Sudeep Tanwar (Nirma University & Institute of Technology, India); Deepak Garg (SR University, India)
15:20	1571011662	<i>Navigating Financial Markets: Exploring Advanced Neural Networks for Stock Price Prediction</i>	Hitaish K G; Vani Krishnaswamy; Vishnu M and Mahima B (Reva University, India)
15:40	1570995889	<i>RAKTAMITRA: An Alert Centric Blood Donation App</i>	Mukesh Chinta ; Inti Alekhya ; Likitha Maddela (Velagapudi Ramakrishna Siddhartha Engineering College, India)
16:00	1570996475	<i>Digital Twin of a 5-Bar Parallel Manipulator with Singularity Avoidance</i>	Rampratheep Reddy M., Nynaru Bhargav, Mudassir Ahmed and Yarra Devasish ; Anjan Dash (SASTRA University, India)

**End of Paper Presentation Schedule**