

DETAILED SCHEDULE OF PAPER PRESENTATIONS

PAPER PRESENTATION SCHEDULE (19/04/2024)

TRACK 1 - COMPUTATIONAL INTELLIGENCE - I AI AND ML SESSION 1

Faraday Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T1.S1.1	22	FitCraft - Redefining Tailoring Precision through Advanced Computer Vision and Machine Learning Integration	Mohammed Thanveer	Offline	10:30	https://meet.google.com/fib-tfyd-yfz
T1.S1.2	256	Choosing LS-Stat Confidence Scores for Neural Networks Predictions	Hubert Kyeremateng-Boateng	Online	10:45	Session Chair: Dr. Smitha J C Session Co-chair: Dr. Jesna Mohan Session Manager: Ms. Sandhya P.
T1.S1.3	176	Cricket Player Prediction of role in a team using ML Techniques	Kumar Durga Trinadh Myreddy	Online	11:00	
T1.S1.4	187	Uncovering the Benefits of Machine Learning for Automating Financial Regulatory Tasks	Dhanasekaran S	Online	11:15	
T1.S1.5	191	Using AI and Natural Language Processing to Enhance Consumer Banking Decision-Making	Ashokkumar S.R	Online	11:30	
T1.S1.6	392	Hybrid CNN & Random Forest Model for Effective Rosemary Leaf Disease Diagnosis	Deepak Banerjee	Online	11:45	

TRACK 1 - COMPUTATIONAL INTELLIGENCE - I AI AND ML SESSION 2

Simulation Lab (B308) 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T1.S2.1	384	Deep Learning for Precise Rice Multi-Class Classification: Unveiling the Potential of CNNs	Himakshi Gupta	Online	10:30	https://meet.google.com/zfq-ifzz-bkg Session Chair: Dr. Deepthi P S Session Co-chair: Dr. Priya Mariam Raju Session Manager: Ms. Manju Sreekumar
T1.S2.2	390	Hybrid CNN & Random Forest Model for Effective Marigold Leaf Disease Diagnosis	Deepak Banerjee	Online	10:45	
T1.S2.3	350	Evaluating the MobileNet50 CNN Model for Deep Learning-Based Maize Visualisation and Classification	Muskan Agarwal	Online	11:00	
T1.S2.4	192	Investigating the Role of AI in Personalized Consumer Banking Experiences	Suganyadevi K	Online	11:15	
T1.S2.5	411	Object Localization and Recognition in High Resolution Satellite Image Using U-Net in CNN	Nathasri Rathinavelu	Online	11:30	
T1.S2.6	415	Enhancing Flower Classification Through Deep Learning: A Comprehensive Investigation	Rahul Singh	Online	11:45	

TRACK 1 - COMPUTATIONAL INTELLIGENCE - I AI AND ML SESSION 3

Faraday Hall 19/04/2024 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T1.S3.1	226	Data-Driven Drive Safety with Cloud-Based Adaptive Cruise Control Using K-Nearest Neighbours Algorithm	Maniraj S P	Online	14:00	https://meet.google.com/fi-b-tyfd-yfz Session Chair: Dr. Smitha J C Session Co-chair: Dr. Jesna Mohan Session Manager: Ms. Sandhya P.
T1.S3.2	235	Predicting Warehouse Location of online shopping platforms with Machine Learning Algorithm – A Case Study	Dr. Deepa K	Online	14:15	
T1.S3.3	297	Malware Detection using a Novel Machine Learning Dynamic Ensemble Classification Approach	Dangeti Srinivasa Rao	Online	14:30	
T1.S3.4	335	Enhanced Classification of Turmeric Leaf Disease Severity Levels Using an Optimized Hybrid Deep Learning Model	Vishesh Tanwar	Online	14:45	
T1.S3.5	347	Playing Cards Classification and Detection Using Sequential CNN Model Through Machine Learning Techniques Using Artificial Intelligence	Khushi Mittal	Online	15:00	
T1.S3.6	391	Hybrid CNN & Random Forest Model for Effective Papaya Leaf Disease Diagnosis	Deepak Banerjee	Online	15:15	

TRACK 2 - COMPUTATIONAL INTELLIGENCE - II IOT, CLOUD COMPUTING SESSION 1

Visvesvaraya Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T2.S1.1	182	Dynamic Scheduling Algorithms for Serverless Computing Solutions in the Cloud	Logeshwaran J	Online	10:30	https://meet.google.com/zgq-dfey-xgw Session Chair: Dr. Liji P. I. Session Co-chair: Dr. Sheryl Arulini A Session Manager: Ms. Shyju Susan Mathew
T2.S1.2	184	Exploring the Quality-of-Service Impacts of Cloud Computing over Wireless Networks	Logeshwaran J	Online	10:45	
T2.S1.3	386	Hybrid CNN & Random Forest Model for Effective Fenugreek Leaf Disease Diagnosis	Varun Kumar	Online	11:00	
T2.S1.4	299	Secured and Transparent Transactions using IOTA Tangle Distributed Ledger Technology in Dairy Supply Chains	Sajeesh Eringotkavil Raman	Online	11:15	
T2.S1.5	302	Lane Detection Methodology Using Hough Transform and Kalman Filter	Rajesh Kannan Megalingam	Online	11:30	
T2.S1.6	318	Interactive Learning: Travelling through History Using Augmented Reality	Sanchit Vashisht	Online	11:45	

TRACK 2 - COMPUTATIONAL INTELLIGENCE - II IOT, CLOUD COMPUTING SESSION 2

Aryabhata Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T2.S2.1	320	GhoomAR: Experience the Rich Heritage and Culture using Augmented Reality	Sanchit Vashisht	Online	10:30	https://meet.google.com/oxu-yfkg-ruu Session Chair: Dr. Sabitha S Session Co-chair: Dr. Tessy Mathew Session Manager: Ms. Revathy K P
T2.S2.2	322	Enhancing Your Car-Buying Experience: Augmented Reality for Color Customization	Lav Soni	Online	10:45	
T2.S2.3	324	Innovating with Arduino and Unity: Building Bridges between Physical and Digital Environments	Lav Soni	Online	11:00	
T2.S2.4	385	Combining Machine Learning & CNN Algorithm for Efficient Analysis of Clove Leaf Diseases	Deepak Banerjee	Online	11:15	
T2.S2.5	290	IoT-Based Flood Early Warning System for Effective Disaster Management	Syed Mohd Uzair Iqbal	Online	11:30	
T2.S2.6	406	Investigating Personalized Learning Paths to Address Educational Disparities Using Advanced Artificial Intelligence Systems	Srinivasa Reddy D	Online	11:45	

TRACK 2 - COMPUTATIONAL INTELLIGENCE - II IOT, CLOUD COMPUTING SESSION 3

Simulation Lab (B308) 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T2.S3.1	13	Schnorr Multi-Signatures with Key Aggregation for Privacy and Verifiable Randomness in Blockchain Cloud	Badugu Ranjith Kumar	Online	14:00	https://meet.google.com/zfq-ifzz-bkg Session Chair: Dr. Liji P. I. Session Co-chair: Dr. Sheryl Arulini A. Session Manager: Ms. Manju Sreekumar
T2.S3.2	135	Enhancing Hyperspectral Image Classification Performance using Adaptive Spectral Band Selection and Clustering-based Mutual Information	NISHA A	Online	14:15	
T2.S3.3	165	"OCEAN WINGS"-Human identification using drone for sea rescue operations	Gokul Dev K	Online	14:30	
T2.S3.4	179	Investigating the Effectiveness of Algorithms in Serverless Cloud Computing	Kiruthiga T	Online	14:45	
T2.S3.5	180	Evaluating Resource Allocation Strategies in Mobile Ad Hoc Networks with Cloud Computing Algorithms	Kiruthiga T	Online	15:00	
T2.S3.6	181	Feasibility of Wide Area Network Traffic Distribution in Cloud Computing Enabled Wireless Networks	Kiruthiga T	Online	15:15	

TRACK 3 - BIOMEDICAL ENGINEERING SESSION 1

Shannon Hall 19/04/2024 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T3. S1.1	6	Utilizing SVM, CNN to predict Alzheimer's disease	Bharath Peddi	Online	14:00	https://meet.google.com/zor-ynfi-kup Session Chair: Prof. Deepa A K Session Co-chair: Dr. Soumya A. V. Session Manager: Ms.C. Sojy Rajan
T3. S1.2	140	Body language recognition system for communication quality enhancement	Trisha I	Online	14:15	
T3. S1.3	188	The improved Blood Test Analysis with AI-based Predictive Modelling in cancer prediction	Dhanasekaran S	Online	14:30	
T3. S1.4	189	Utilizing Genetic Algorithms for Detecting Congenital Heart Defects	Thamaraimalan T	Online	14:45	
T3. S1.5	208	Unlocking the future of stroke diagnosis: bayesian CNN and MRI fusion	Fathima Beevi M	Online	15:00	
T3. S1.6	293	Functional Electrical Stimulation with Machine Learning for Stroke Prediction and Rehabilitation	Anudev B	Online	15:15	
T3. S1.7	280	Leveraging Deep Learning Models for Accurate and Reproducible Cardiac Measurements in Echocardiography	Martin Mihajlov	Offline	15:30	

TRACK 4 - CONTROL SYSTEMS & E-MOBILITY SESSION 1

Shannon Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T4. S1.1	248	Disturbance Estimation and Rejection in an Underwater Autonomous Vehicle	Ann Reji Thomas	Offline	10:30	https://meet.google.com/zor-ynfi-kup Session Chair: Dr. Johnson Y. Session Co-chair: Dr. Elizabeth Varghese Session Manager: Ms.C. Sojy Rajan
T4. S1.2	207	DriveQ: A Dedicated Vehicle-to-Vehicle Communication System for Enhancing Road Safety and Traffic Management	Sunil K S	Offline	10:45	
T4. S1.3	131	Machine learning based capacity prediction of lithium-ion batteries using charging characteristics	Shalini Dwivedi	Online	11:00	
T4. S1.4	143	Optimization of PI Controller for Coupled Tank Systems Using Genetic Algorithm	Aishwarya Yadav	Online	11:15	
T4. S1.5	149	Smart Signal Speed Control System	Aiswarya Krishna	Online	11:30	
T4. S1.6	197	Android based App development for remote logging and control with smart home watering system	Mousumi Bhanja	Online	11:45	

TRACK 4 - CONTROL SYSTEMS & E-MOBILITY SESSION 2

Senatus Hall 19/04/2024 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T4. S2.1	186	Torque Ripple Reduction of SynRM Using Rotor Structure Modification	Nikhila M P	Offline	14:00	https://meet.google.com/gxv-unhg-ege Session Chair: Dr. Johnson Y. Session Co-chair: Dr. Nisha G K Session Manager: Ms. Surasmi N L
T4. S2.2	268	Viability of Long Short Term Memory Networks in the Health Prediction of Lithium-ion Batteries	Sidharth V S	Offline	14:15	
T4. S2.3	212	Case Study on Predictive Modeling of UAV Battery Remaining Useful Life Using Machine Learning Regression Techniques	Sainadh Polu	Online	14:30	
T4. S2.4	230	State of Health Estimation for Lithium-Ion Batteries Based on Charging Curve and Machine Learning	Sachinkumar Rameshbhai Patel	Online	14:45	
T4. S2.5	232	Charging Up the Future: Capacitive and Inductive Wireless Power Transfer	Aiswarya S S	Online	15:00	

TRACK 5 - POWER SYSTEMS SESSION 1

Senatus Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T5. S1.1	18	Automatic Control of Solar-Powered Battery System with Maximum Power Point Tracking	Joshua Radeen	Offline	10:30	https://meet.google.com/gxv-unhg-ege Session Chair: Dr. Harikumar R Session Co-chair: Dr. S. Ushakumari Session Manager: Mr. Anil J.
T5. S1.2	300	Load Flow of Radial Distribution Network by using Artificial Neural Network	Cyril K Babu	Offline	10:45	
T5. S1.3	305	Grid Integrated Hybrid Renewable Energy System for Power Quality Improvement Using Open End Winding Transformer	Surasmi N L	Offline	11:00	
T5. S1.4	157	Ferranti Effect on a pi model of an Overhead Transmission Line – A detailed Analysis	Albert Alexander S	Online	11:15	
T5. S1.5	196	Ferranti Effect on a T- Section model of an Overhead Transmission Line – A detailed Analysis	Albert Alexander S	Online	11:30	
T5. S1.6	198	Switching Loss Analysis and Efficiency Comparison of DS-LCL and L2CL-LCL Compensation Systems in Wireless Power Transfer	Deepanraj B	Online	11:45	

TRACK 5 - POWER SYSTEMS SESSION 2

Aryabhata Hall 19/04/2024 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T5.S2.1	270	Evolving Energy Landscapes: A Comprehensive Analysis of Renewable Power in the 21st Century	Gopalam. R Malik	Online	14:00	https://meet.google.com/oxu-yfkg-ruu Session Chair: Dr. Harikumar R Session Co-chair: Dr. Dishore S V Session Manager: Ms. Revathy K P
T5.S2.2	344	Increasing Photovoltaic Efficiency in FASnI3-Based Solar Cells by Minimizing Interface Defect Density	Nikhil Shrivastav	Online	14:15	
T5.S2.3	358	Investigating the Impact of Temperature on the Photovoltaic Properties of CsSnI3-Based Perovskite Solar Cells	Savita Rawat	Online	14:30	
T5.S2.4	359	Analysing the Electrical Fault Detection and Classification Capabilities of a Decision Tree Classifier	Khushi Mittal	Online	14:45	
T5.S2.5	360	Exploring Photovoltaic Efficiency in Perovskite Solar Cells with CsSnCl3: The Role of Absorber Layer Thickness	Savita Rawat	Online	15:00	
T5.S2.6	364	Exploring Efficiency Optimization in Lead-Free Cs2TiBr6 Perovskite PV Cells through SCAPS-1D Simulation	Vishal Yadav	Online	15:15	

TRACK 7 - SUSTAINABLE ENGINEERING

Laurie Baker Hall 19/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T7.1	21	AI-Enhanced Precision Crop Rotation Management for Sustainable Agriculture	Nadhi Mohammed	Offline	10:30	https://meet.google.com/giv-nmdf-izs Session Chair: Dr. Mayadevi N. Session Co-chair: Dr. Jaya S Pillai Session Manager: Ms. Shilpa Susan Peter
T7.2	265	Combined Model of Incineration and Dispenser for Sanitary Napkins	Neeta Deepak Jakate	Offline	10:45	
T7.3	169	A Review on AI Based Early Flood Monitoring and Detection System	Mohamed Nihal T A	Online	11:00	
T7.4	148	Green Cloud: Navigating to a Sustainable Future through Green Cloud Computing	Dr. Harpreet Kaur	Online	11:15	
T7.5	414	Design And Development of Post Harvest Seed Processing	Sri Priyanka S P	Online	11:30	
T7.6	11	A Compact Automatic Utensil to Convert Kitchen Waste into Organic Fertilizer for Plants	Maheswari c	Online	11:45	

TRACK 9 - SMART SYSTEMS

Laurie Baker Hall 19/04/2024 02:00 pm to 04:00 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T9.1	150	Leakage Reduction Techniques on Universal Gates using ONOFIC Technique	ANITHA P BOSE	Offline	14:00	https://meet.google.com/giv-nmdf-izs Session Chair: Dr. Mayadevi N. Session Co-chair: Dr. Luxy Mathews Session Manager: Ms. Shilpa Susan Peter
T9.2	285	Enhancing Network Security: A Comparative Analysis of Deep Learning and Machine Learning Models for Intrusion Detection	Arunima Ajeesh	Offline	14:15	
T9.3	394	Design and Analysis of Ternary Full Adder based on FinFET models	Mohit Goel	Online	14:30	
T9.4	362	Comparative Analysis of Power and Hardware Utilization of FPGA Using RSA Algorithm	Shishir Shrivastava	Online	14:45	
T9.5	138	Review Of Autonomous Mobile Robots	Dr. Nisha G.K.	Online	15:00	

PAPER PRESENTATION SCHEDULE (20/04/2024)

TRACK 1 - COMPUTATIONAL INTELLIGENCE - I AI AND ML SESSION 4

Faraday Hall 20/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T1.S4.1	352	Incorporating the CatBoost Classification Method in Machine Learning Applications for Smote Analysis and Bankruptcy Data Equalisation	Muskan Singla	Online	10:30	https://meet.google.com/ib-tfyd-yfz Session Chair: Dr. Smitha J C Session Co-chair: Dr. Jesna Mohan Session Manager: Ms. Sandhya P.
T1.S4.2	353	The Use of a K-Nearest Neighbour Classifier and Other Machine Learning Techniques for Exploratory Data Analysis of Red Wine Quality	Nishant Pritam	Online	10:45	
T1.S4.3	355	Utilizing Cutting-Edge Deep Learning Strategies and Harnessing the Power of a Pre-trained ResNet18 Convolutional Neural Network for Assessing the Risk of Autism	Muskan Singla	Online	11:00	
T1.S4.4	356	Improving Bankruptcy Forecasting through the Integration of a Resilient Analysis-Infused Classifier and Harnessing the Power of DenseNet121 Convolutional Neural Network within Deep Learning Frameworks	Muskan Singla	Online	11:15	
T1.S4.5	357	In-Depth Analysis of Exploratory Data Utilizing an InceptionV3 Convolutional Neural Network (CNN) Framework and Deep Learning Techniques for Predicting the Quality of Red Wine	Khushi Mittal	Online	11:30	
T1.S4.6	388	Hybrid CNN & Random Forest Model for Effective Ginger Leaf Disease Diagnosis	Deepak Banerjee	Online	11:45	

TRACK 3 - BIOMEDICAL ENGINEERING SESSION 2

Shannon Hall 20/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T3.S2.1	326	Advanced Monkeypox Classification using EfficientNet B3: A Promising Method	Poonam Shourie	Online	10:30	https://meet.google.com/zor-ynfi-kup Session Chair: Dr. Sheeja M K Session Co-chair: Dr. Soumya A. V. Session Manager: Ms.C. Sojy Rajan
T3.S2.2	333	Mapping AI's Influence on Cardiac Healthcare: A Bibliometric Analysis (2014-2023)	Tanishq Soni	Online	10:45	
T3.S2.3	338	Advancements in the Internet of Medical Things in Healthcare: A Comprehensive Systematic Review	Tanishq Soni	Online	11:00	
T3.S2.4	367	Stress Detection using EEG signals: A review on current strategies and future aspects	Anmol Rattan Singh	Online	11:15	
T3.S2.5	404	An investigation on machine learning models in classification and identifications Cervical Cancer using MRI scan	Jagendra Singh	Online	11:30	
T3.S2.6	410	Deep Learning Architectures for Alzheimer's Disease Classification Using Convolutional Neural Networks	Rahul Singh	Online	11:45	

TRACK 6 - ROBOTICS AND AUTOMATION SESSION 1

Aryabhata Hall 20/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T6.S1.1	231	Embedded Floating Bag for Military Use	Komal Khandu Misal	Offline	10:30	https://meet.google.com/oxu-yfkg-ruu Session Chair: Dr. Jisha V R Session Co-chair: Dr. Elizabeth Varghese Session Manager: Ms. Revathy K P
T6.S1.2	249	Obstacle Avoidance in Snake Robot Navigation using Artificial Potential Field	Gowthami Krishna	Offline	10:45	
T6.S1.3	286	A Robotic Manipulator with Conveyor System for Visual Sorting of Work Pieces	Adarsh V S	Offline	11:00	
T6.S1.4	292	Semi-Autonomous Robotic System for efficient recycling of Lithium-Ion Batteries	Bijo Sebastian	Offline	11:15	
T6.S1.5	309	Next-Generation Traffic Control: Adaptive Timer and Emergency Vehicle Priority in Intelligent Traffic Management	Devika S G	Offline	11:30	
T6.S1.6	423	Pisces Bot	Abhijith A	Offline	11:45	

TRACK 6 - ROBOTICS AND AUTOMATION SESSION 2

Simulation Lab (B308) 20/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T6.S2.1	4	Industrial Automation and Implementation of Coconut Breaking System	Dr. Nisha G.K.	Online	10:30	https://meet.google.com/zfq-ifzz-bkg Session Chair: Dr. Abhilash T. Vijayan Session Co-chair: Dr. Vinod V. Session Manager: Ms. Manju Sreekumar
T6.S2.2	173	Detection of Water Quality in Sediment Filter for Water Purification System	Kalavathidevi T	Online	10:45	
T6.S2.3	217	A Context-Aware Emergency Assistance Chatbot Employing Recurrent Neural Networks for Personalized First Aid Guidance	Ramakrishnan Raman	Online	11:00	
T6.S2.4	267	How Robotic Process Automation and Blockchain can Work Together?	Bhuvanesh Ananthan	Online	11:15	
T6.S2.5	304	Annapoorna – Food, water and medicine delivery teleoperated robot with telemedicine facility	Rajesh Kannan Megalingam	Online	11:30	

TRACK 8 - POWER ELECTRONICS

Senatus Hall 20/04/2024 10:30 am to 12:30 pm

Sl. No.	Paper ID	Paper Title	Author	Mode of Presentation	Start time	Meeting link
T8.1	17	Energy Optimization in Induction Furnaces and Rolling Mills for Medium-Scale Industries through Energy Efficient Power Conversion Systems and Best Operational Practices	Aneesh Rajendran	Offline	10:30	https://meet.google.com/gxv-unhg-ege Session Chair: Dr. Kumaravel S. Session Co-chair: Dr. Dishore S V Session Manager: Ms. Surasmi N L
T8.2	223	Closed-loop Speed Control of BLDC Motor Using Flyback Converter for Electric Vehicle Applications	Titto S Babu	Offline	10:45	
T8.3	156	Closed Loop Control of Three Level NPC Induction Motor Drive for Water Pumping Application	Dr. Nisha G.K.	Online	11:00	
T8.4	205	DC-DC Converter with Wide Voltage Conversion Ratio and Improved Current Capability for Charging Ultracapacitor Bank	Parvati P P	Online	11:15	
T8.5	341	Exploring the Influence of DJ-2D/3D Absorber Layer Thickness on TiO ₂ -Based Perovskite Solar Cell Performance	Nikhil Shrivastav	Online	11:30	
T8.6	417	Performance Evolution of Switched Capacitor Boost Nine Level Inverter with Variable Frequency APOD Technique	Albert Alexander S	Online	11:45	