

**2023 Second International Conference on
Electrical, Electronics, Information and Communication Technologies
(ICEEICT 2023)**

05 - 07, April 2023 | Tiruchirappalli, India | <http://www.iceict.in>

Program Schedule

Date	Time	Event
05.04.2023	10.00 am to 11.00 am	Inaugural Function
05.04.2023	11.00 am	Keynote 1(online): Dr. Muhammad Usman EdgeHill University United Kingdom Google meet link: https://meet.google.com/tow-rbxp-nxj
05.04.2023	11.30 am to 04.50 pm	Session: ICEEICT(Physical)
		Session: CS01(Online)
		Session: CS02(online)
		Session: CS03(online)
		Session: CS04(online)
		Session:EC01(online)
		Session:EC02(online)
		Session:EE01(online)
06.04.2023	09.45 am	Keynote 2(online): Dr. R. N. Patel Department of Electrical Engineering, National Institute of Technology Raipur
06.04.2023	10.30 am to 03.40 pm	Session: CS05(online)
		Session : CS06(Online)
		Session : EC04(online)
		Session: EC05(online)
		Session: EE02(online)
07.04.2023	10.30 am to 03.40 pm	Keynote 3(online): Dr. D. Nirmal Karunya University, Coimbatore, India
		Session: CS07(online)
		Session: EC06(online)
		Session: OP-02(online)
		Session: OP-03(online)

EC - Electronics Engineering;
EE - Electrical Engineering

CS - Computer Science & Information Technology

Note:

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google Meet.
3. Participants can join their respective sessions by clicking the meet link given
4. Mode of presentation should be powerpoint presentation (ppt or pptx)
5. Duration of presentation: 10 minutes (presentation) + 5 minutes (Queries)
6. Participant using Google Meet SHOULD join the session at least 45 minutes prior to their scheduled time.
7. Participants are requested to follow the scheduled time; especially regarding the time for your talk.
8. Participants are requested to contact the respective session chairs for presentation related queries.
9. If any problem connecting to session, please text to the respective session In-Charges (Or) ICEEICT Whatsapp group during presentation date(s).

Session: ICEEICT (Physical)

Date: 05.04.2023

Time: 11.30 am to 03.40 pm

Venue: Seminar Hall-1, K. Ramakrishnan College of Engineering**Session Chair(s):**

1. **Dr.M.Maheswari,**
Professor & Head, Department of ECE, K. Ramakrishnan College of Engineering
2. **Dr.S.Manikandan,**
HoD/IT, Professor, K. Ramakrishnan College of Engineering

Session Coordinator:

Mr. P. Vigneshwaran, *Assistant Professor/EEE, K. Ramakrishnan College of Engineering*
Mobile: +91 8220009592

Time	Paper ID	Paper Title	Author(s)
11.30 am	CS 1072	Ensemble deep learning prediction of STEMI using ECG signals	Kanimozhi J, Hemalatha Karnan, Uma Maheshwari D
11.50 am	CS 3092	IoT based Smart Waste Management for Smart City using Aurdino	R.Sreenivasan, R.Ramkumar
12.10 pm	CS 6080	An Efficient Optimal Cluster Head Selection Algorithm in MANET using Elephant Herding Optimization	S.Ushadevi & D.Selvanayagi
12.30 pm	CS 8016	Real-time-based Object Recognition using SIFT algorithm	Dhandapani Vaithyanathan, Muniraj Manigandan
02.00 pm	EC 4009	Comparative Study of Single MAC FIR Filter Architectures with Different Multiplication Techniques	Dhandapani Vaithyanathan, Britto Pari James, Karuthapandian Mariammal
02.20 pm	EC 2019	Implementation of Multiple Kernels for Edge Detection using Pipelined Architecture on FPGA	N. Vignesh and Eswaran Parthasarathy
02.40 pm	EC 2091	Performance Analysis of FPGA Implementation of 4 x 4 Vedic Multiplier using different adder architectures	Deepa M, Srivarsa T, Varssha B, Hariprasath K
03.00 pm	CS 4055	A review on Potential applications of IoT in Microalgae cultivation and Landfill leachate compositions leading to non-communicable diseases	Swarna Kamala Subramaniam, Chinnasamy Agamudainambhi Malarvizhi, Sreenivasan Jayashree and Saranya Sree Subramaniam

03.20 pm	EC 4020	An Inverted U-Shaped Dual-Band MIMO Textile Antenna For WBAN And 5G Applications	C.N.Marimuthu, A H.Ajmeeri Nasrin Thaslima, M.Ayyasamy, R.Anupriya, R.Haripriya
03.40 pm	EC 3075	Substrate Integrated Waveguide Antenna With Slots For Multiband Operation Using ANN	K. Vigneshwaran, S. Aruljothi, B. Bhavani and G. Gayathri
04.00 pm	EC 4013	Dual band ACS-Fed with Loop resonator Antenna for GPS / WLAN Applications	S.Janu Priya, R. Samson Daniel
04.20 pm	CS 1040	Analysis of IOMT in EMS the Sultanate of Oman Identification Of CVD By Wearable E-Textile Sensors	Mathivanan Virthachalam, Vimal Kumar Stephen K, Antonio Rutaf Manalang
04.40 pm	CS 8075	Deep Learning Based Mobile Application For Varietal Identification And Ripeness Grading Of Traditional Indian Banana Varieties	Shuprajhaa. T, P. Suresh Kumar, Dhayalini K, Sheeba. K. N

Session: CS01

Date: 05.04.2023

Time: 11.30 am to 05.00 pm

Session Chair(s):**1. Dr.A.Ramachandran**

*Assistant professor, Department of Computer Science and Engineering,
University College of Engineering, Panruti*

2. Mr.K.S.Guruprakash,

*Assistant Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering*

Session Coordinator:

Mrs. V.Sathana, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 9442202722

Google meet link: <https://meet.google.com/dnb-iiom-qpk>

Time	Paper ID	Paper Title	Author(s)
11.30 am	CS 1012	Objective full reference image assessment metrics for estimating the quality of remote sensing images	R.Maruthi, P.Anusha, P.Sankar, K.Thiyagarajan
11.50 am	CS 7018	MR Medical Image Enhancement: An integration of residual approximation and contrast enhancement approach	Divya S, L. Padma Suresh, Ansamma John
12.10 pm	CS 1037	Vertical collision risk of aircraft based on improved Event model	Tongsheng Wei, Tao Huang, Jixing Chen, Shuang Cheng, Zijiu Wang, Yunfeng Wang
12.30 pm	CS 8032	Comparative Simulation Analysis of MPPT Techniques of PV System Based on Variuos Algorithms	Hassan Salman Hamad, Atheer Hani Herez, Adnan Hussein Ali, Aqeel A. Al-Hilali, Mohammed G. S. Al-Safi, Mohammad J. Mnati
02.00 pm	CS 1053	Prediction and detection of Insider Threat detection using emails: A comparision	Anupam Mittal, Urvashi Garg
02.20 pm	CS 1062	Tomato Plant Disease Detection using Deep Learning Based Techniques: A Comparative study	P.Deepika, B.Arthi
02.40 pm	CS 1063	Comparative Analysis for Detecting Drowsiness Using Deep Learning Approach	V.Vijaypriya, M.Uma
03.00 pm	CS 2047	Feature level Fine Grained Sentiment Analysis for Classifying Online Restaurant Reviews	Krosuri Lakshmi Revathi Aravapalli Rama Satish Popuri Srinivasa Rao
03.20 pm	CS 2070	Local antimagic chromatic number of certain classes of trees	Sarath V S, A V Prajeesh

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03.40 pm	CS 2092	An Approach for Software-Defined Networks Security	Saba Bashir Ahmed, Yasir Abdelgadir Mohamed
04.00 pm	CS 3006	Cyber and Electronic Warfare in Context of Defence Forces in Present Scenario	Rahul Hermon, Upasna Singh, Manish Khatkar
04.20 pm	CS 3007	Big Data Analytics and Educational Sustainability—A Malaysian Scenario	Sreenivasan Jayashree, Mohammad Nurul Hassan Reza, Chinnasamy Agamudai Malarvizhi and Mazni Binti Alias
04.40 pm	CS 3009	Health monitoring, Location tracking and Fall detecting device using IoT	Nellikonda Geethanjali, Arra Hari Chandana, Gillala Sushma Reddy, K Sripal Reddy

Session: CS02

Date: 05.04.2023

Time: 11.30 am to 05.00 pm

Session Chair(s):**1. Dr. Manju Khari***Professor, School Of Computer and Systems Sciences, Jawaharlal Nehru University, Delhi***2. Mr.T. Johnpeter,***Assistant Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:**

Mrs. P. Sivamalar, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 9003801301

Google meet link: <https://meet.google.com/dds-kbsa-nmc>

Time	Paper ID	Paper Title	Author(s)
11.30 am	CS 3036	Eavesdropping Attack Detection in UAVs using Ensemble Learning	Krittika Das, Chayan Ghosh, Raja Karmakar
11.50 am	CS 3071	Analysis of Phishing attack in distributed cloud systems using Machine learning	Preethi P, Pokala Ramadevi, K Akshaya, Sangamitra SD, Pritikha A P
12.10 pm	CS 3073	Control of band gap of spin waves in width modulated nanostrip using voltage-controlled magnetic anisotropy: Spin wave filter	Payal Bhattacharjee, Saswati Barman
12.30 pm	CS 3081	IoT Framework for Real Time Weather Monitoring using Machine Learning Techniques	Felicia Sharon, Dr. Asnath Vicky Phamila Y, S. Geetha
02.00 pm	CS 3088	Enhancement of Spectral Efficiency in Intelligent Reflecting Surfaces (IRS's) over Distributed and Cloud-Computing Systems	Ghassan A. Abed, Inas F. Jaleel
02.20 pm	CS 3090	Evaluative study of cluster based customer churn prediction against conventional RFM based churn model	Harish A S, Malathy C
02.40 pm	CS 4003	User Input Based Health Risk Assessment to Predict Diabetes, Obesity and Heart Risk factors	Preethi salian k, Prathyakshini, Puneeth B R, Tanzila Nargis, Supriya salian, Vanishree B S
03.00 pm	CS 4018	Mersenne Weighted Graph for Increasing the Symmetric Encryption Schemes Security	Ruma Kareem K. Ajeena, Shatha Mohammed Hashim and Firas A. Abdullatif
03.20 pm	CS 4020	Comparative Analysis of Various Techniques of the Natural Language Processing.	Talib ul haq, Nitika Kapoor

Program Schedule of ICEEICT 2023

03.40 pm	CS 4023	Network Topology and Sensitivity Analysis	Aparna Hari, Manjusha R
04.00 pm	CS 4043	Exploring the Dynamics of Exchange Rates: An Empirical Analysis and Predictive Modelling	Anand R N, Peeta Basa Pati, K. Deepa, Jothibabu K Konidhala
04.20 pm	CS 4044	Facilities Management Information System with Data Analytics and Visualization	Kairra Kristen Taeza Cruz, Melvin A. Ballera
04.40 pm	CS 4050	Object Detection and Classification of Hyperspectral Images Using-KNN	Bhavatarini N, Akash B N, A Renard Avinash, Akshay H M

Session: CS03

Date: 05.04.2023

Time: 11.30 am to 05.20 pm

Session Chair(s):**1. Dr. Luis de-la-Fuente-Valentín**

*Vice-Dean of Research, School of Engineering and Technology,
Universidad Internacional De La Rioja (Unir), Spain*

2. Dr.R.Sheeba,

*Associate Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering*

Session Coordinator:

Mrs. V.Ruba, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 8489149579

Google meet link: <https://meet.google.com/xvx-ofvu-uog>

Time	Paper ID	Paper Title	Author(s)
11.30 am	CS 4051	Efficient Sentiment classification with Minimal parameters using Average Embedding Approach	I Kali Pradeep, K Bhargav Kiran, B.CH.S.N.L.S. Sai Baba, G K Mohan Devarakonda, M Durga Satish
11.50 am	CS 5088	Enhancing Diabetes Detection using Machine Learning: A Focus on Optimizing Recall Performance	Abhitay Shinde, Artika Singh
12.10 pm	CS 4058	Enhanced Oversampling Framework in Conjunction with Nearest Neighbors	Aneena Kurian, Linda Sara Mathew
12.30 pm	CS 4059	A Transfer Learning Approach for Classification of Knee Osteoarthritis	Rahil Parikh, Shreyas More, Nandita Kadam, Yash Mehta, Harsh Panchal, Himanshu Nimonkar
02.00 pm	CS 5008	Artificial Neural Networks or Disease Diagnosis and Categorization in Citrus Plants	S. Ashwini, Shanmuga prabha P, Krithika V, Malathi P
02.20 pm	CS 5012	A Novel Method for Dynamic Scheduling for Stochastic Edge-Cloud Computing Environments	Jhansi Rani Manikonda, S.Srija, M.Vineela, Yasaswini Kotamraju
02.40 pm	CS 5016	Prediction of Thyroid Disease using Deep Learning Techniques	Pallavi, Harmanjeet Singh
03.00 pm	CS 5022	Hiding Secret Data Using AES Encryption and DFS Graph Traversal in 3D Images	Sakhi Bandyopadhyay, Sunita Sarkar, Somnath Mukhopadhyay
03.20 pm	CS 5053	A Deep Learning Method for Classification in Brain-Computer Interface	Sanoj Chakkithara Subramanian, Daniel D

03.40 pm	CS 5055	Sentiment Analysis Using Deep Neural Network 1D Convolutional with Long Short Term Memory	Ashutosh Badal, Mahesh Parmar
04.00 pm	CS 5091	A Hexagonal Fuzzy Matrix Application in Medical Diagnosis	V.Tharakeswari, M.Kameswari, M.Seenivasan
04.20 pm	CS 6007	Design and Implementation of Lung Abnormality Detection through Sparse Projection Features Enabled Distributed Convolution Network	K.V.Ravikumar, U.Kumaran, B Teja Sree, B Prashanth Kumar Reddy, Boligala Rethaswi, M G Lavanya
04.40 pm	CS 8051	On generalization of fuzzy topological groups and Modelling Robotic crash	A. Muneesh Kumar, P. Gnanachandra and M. Seenivasan
05.00 pm	CS 8072	3D Based CT Scan Retrieval Queuing Models by Fuzzy Approach	Syamala. P, Ramesh. R, Seenivasan. M

Session: CS04

Date: 05.04.2023

Time: 11.30 am to 05.00 pm

Session Chair(s):**1. Dr. R. Suganya**

*Associate Professor Senior, School of Computer Science and Engineering,
Vellore Institute of Technology, Chennai-600127*

2. Mrs.L.Amudha,

*Assistant Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering*

Session Coordinator:

Mrs. K.Revathi, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 6381335057

Google meet link: <https://meet.google.com/vah-jree-jfn>

Time	Paper ID	Paper Title	Author(s)
11.30 am	CS 6012	Pulmonary chest nodule detection through adaptive reinforcement learning model (ARLM)	J.Balajee, U.Kumaran, B Haritha, Appakonda Srinadh Reddy, Kompalli Mounika, K Siva Kumar
11.50 am	CS 6044	A novel ensemble classifier framework to preprocess, learn and predict imbalance heterogenous drifted data stream	Paulraj D, Vigilson Prem M
12.10 pm	CS 6059	Driver Behavior Management in Supply Chain Industries across Southeast Asia	Anuradha Das, Sabari Ranjan K, Selvakuberan Karuppasamy, Subhashini Lakshminarayana
12.30 pm	CS 6063	Decryption of Encrypted Fractional Wavelet Transformed Image Using Its Inverse	Ravikumar. K, Diana Vinsten Nadeen. A and Jon Arockiaraj. J
02.00 pm	CS 6070	Security Key-Based Steganography for Images	Nuthalapati Pauline Angel, J. A. M. Rexie, M. Mythily
02.20 pm	CS 6095	Health Monitoring of Ship's Engine With Simulated Data by Using Classifiers -Preliminary Result	D Mohakul, CRS Kumar, Shweta Singh, Sudaman Katti, Sunil Choughule
02.40 pm	CS 7009	Transformer Models for Recognizing Abusive Language An investigation and review on Tweeteval and SOLID dataset	Fabeela Ali Rawther, Geevarghese Titus
03.00 pm	CS 4016	On Applying the BRH Curve in Digital Signature Scheme	Batool Hatem Akar AlKfari, Ruma Kareem K. Ajeena
03.20 pm	CS 7022	Deep learning for classification of Salient object classification in unmanned crime spot	P. C Prabhu Kumar, U.Kumaran, D Shravani, Bommaka Uday Kumar, Makkineni Rajesh, K Sireesha

03.40 pm	CS 7027	Investigations on Machine Learning Models for Mental Health Analysis and Prediction	Ajith Sankar R and Sujitha Juliet
04.00 pm	CS 7028	Based on Discrete Diagonal Scan: A New Robust Image Encryption Using Confusion and Diffusion	Samer Saeed Issa, Mohanad Sameer Jabbar, Raed Khalid Ibrahim, Atheer Hani Herez, Adnan Hussein Ali, Mohammed Mahdi Hashim
04.20 pm	CS 7029	Underwater Acoustic Sensor Network: Architecture, Challenges, Future Possibilities In the Perspective of IoT	Kammula Sunil Kumar, Veena Anand
04.40 pm	CS 7076	Systemic Lupus Erythematosus Detection using Deep Learning with Auxiliary Parameters	Pavithra U, Shalini M, Sowmya Shri E, Sreeniveatha P

Session: EC01

Date: 05.04.2023

Time: 11.30 am to 04.40 pm

Session Chair(s):**1. Dr.C.Vennila***Professor, Saranathan College of Engineering, Tiruchirappalli.***2. Dr.H.Sudarsan,***Assistant Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Ms.R.Mahima, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9486886734

Google meet link: <https://meet.google.com/gzx-igkm-qbs>

Time	Paper ID	Paper Title	Author(s)
11.30 am	EC 1001	Enhancing Dehaze Method in Real hill Based Images using Gaussian Filter Over Gabor Filter for Better Accuracy	S.Hari venkata sai, S.Parthiban, T.J.Nagalakshmi
11.50 am	EC 1003	Design and Analysis of Slot Loaded Microstrip Antenna for Breast Cancer Detection	Deepthy G S, Nesasudha M
12.10 pm	EC 1027	Analysis of V2V Planar antenna at the frequency range of 3 GHz –7 GHz resonance	Dhivya Priya E L, K.Kavitha
12.30 pm	EC 1031	Detection analysis of abnormality in kidney using deep learning techniques and its optimization	Vemu Santhi Sri, G.R Jothi Lakshmi
02.00 pm	EC 1056	Objective Image Quality Assessment of Pixel Level Image Fusion Algorithms for Medical Imaging	Harmanpreet Kaur, Renu Vig, Naresh Kumar, Ayush Dogra, Apoorav Sharma, Bhawna Goyal
02.20 pm	EC 1058	PVT-variation based Comparative Analysis of Write Driver Designs for SRAM at 32 nm	Monica Gupta, Manisha, Ruchi Jha, Ruchika Kumari, Ankit Kumar Singh
02.40 pm	EC 1063	Vision Based Fall Detection with BRISK Feature Descriptor	Swati Shilaskar, Shripad Bhatlawande, Ranveer Chavare, Rushikesh Joshi, Sakshi Jaiswal
03.00 pm	EC 1076	An Electromyography Based Intelligent System for Classification of Sitting and Standing Posture	Shripad Bhatlawande, Dhawal Khapre, Akshay Khare, Swati Shilaskar
03.20 pm	EC 1083	A Gradient and Double Threshold-Based Algorithm for Improved Wideband Spectrum Sensing	M. Monisha, Gokulakkannan. S, Ajayraman.M

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03.40 pm	EC 1089	VLSI Architecture of a High Speed Polar Code Decoder using Finite Length Scaling LDPC Codes.	Kandi Naveen, Vishnubhatla Sai Lakshmi Manonmai, Murala Sri Jaya Nikhitha, Vasireddy Pradeep, Gundugonti Kishore Kumar
04.00 pm	EC 1094	Performance Analysis of 20kW Rooftop Photovoltaic System Installed at MTU University Using PVsyst Software	Mohanad H. Mahmood, Russul H. Mohammed ,Hadi Fakhir Hashim, Aqeel A. Al-Hilali
04.20 pm	EC 2011	Energy Efficient CNTFET Based Dual Mode Logic (C-DML) Design	Neetika Yadav, Neeta Pandey, Deva Nand

Session: EC02

Date: 05.04.2023

Time: 11.30 am to 04.40 pm

Session Chair(s):**1. Dr.S.Ravimaran***Professor, Saranathan College of Engineering, Tiruchirappalli.***2. Dr.S.Stephe,***Assistant Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Ms.Rajapriya, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9944168238

Google meet link: <https://meet.google.com/frd-hcrf-yzr>

Time	Paper ID	Paper Title	Author(s)
11.30 am	EC 2014	COVID-19 Diagnosis: SqueezeNet Deep Transfer Learning implementation based on Feature extraction algorithm	Rahul Gowtham Poola, Lahari P.L, Siva Sankar Yellampalli
11.50 am	EC 2015	Design of Matlab/Simulink-based Edge Detection operators and hardware implementation on ZYNQ FPGA	Rahul Gowtham Poola, Lahari P.L, Siva Sankar Yellampalli
12.10 pm	EC 2016	Multi Agent Deep Reinforcement learning with Deep Q-Network based energy efficiency and resource allocation in NOMA wireless Systems	K Ramesh Chandra, Somasekhar Borugadda
12.30 pm	EC 2021	Retinal vessel segmentation using Multiheaded attention UNet	Chinmayee Kamireddy, Sai Siddhartha Dadireddy, Abhay Jarugula, Radha K, Karuna Yepuganti, Saritha Saladif
02.00 pm	EC 2022	Design of Minkowski Fractal Antenna for Multiband Utilizations	Vinita Mathur, Parul Tyagi, Rakesh Kardam, Ritu Vyas, Mangilal, Ashish Kulshrestha
02.20 pm	EC 2028	Design of a Compact and Efficient Monopole Antenna for ISM Band Applications	Deepali Pathak, SriHarsha Vardhanâ, Ashudeb Dutta
02.40 pm	EC 2030	Computer based Detection of Alcoholism using EEG Signals	Garima Chandel, Ashish Sharma, Sonia Bajaj
03.00 pm	EC 2031	Design of PUF Based Chaotic Random Number Generator	Uday Kiran Anchana*, Manisha Mogireddy, Ekshith Kadavergu, Sangeeta Singh
03.20 pm	EC 2036	Sea Lion Optimized Eight Shaped Split Ring Resonator	Robin George, T. Anita Jones Mary

03.40 pm	EC 2039	Healthcare Monitoring Wearable Microstrip Patch Antenna for Elder People with Acceptable SAR	Vutukuri Sarvani Duti Rekha, Ramarao Gude, N B Bobinath, Ashok Kumar, Samanth S, Sankararao Majji
04.00 pm	EC 2043	Design and Simulation of Fault Tolerances in Combinational Circuits Using CMOS 45nm Technology	Vanga Karunakar Reddy, Ravi Kumar AV
04.20 pm	EC 2045	CEMD Solar Noise Suppression for OFDM based Visible Light Vehicular Communication	Charu Priya S, Deepa T

Session: EC03

Date: 05.04.2023

Time: 11.30 am to 05.00 pm

Session Chair(s):**1. Dr. T. Menaka Devi***Professor, Adhiyaman college of Engineering, Hosur.***2. Dr.G.Kalpanadevi,***Associate Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Mrs.J.Roselin Suganthi, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9715723225

Google meet link: <https://meet.google.com/ina-tkcw-nug>

Time	Paper ID	Paper Title	Author(s)
11.30 am	EC 2050	Self Asserted Power Optimization Protocol for Heterogeneous WSN	M S Muthukkumar,S Diwakaran, C M Arun Kumar
11.50 am	EC 2053	Stress Monitoring in Humans using Biomedical Signal Analysis	Sistla Jyothirmy, Shaik Fayaz Ahamed, Ravi Raja A, Gottam Geethika, Seetha Bharath Sai, Buddhanti Saiteja
12.10 pm	EC 2055	5G Network Slicing Algorithm Development using Bagging based -Gaussian Naive Bayes	A.Vijayalakshmi, Ebenezer Abishek B, Abdulsamath G, Saravanan N, Mohamed Absar M, Arul Stephen.C
12.30 pm	EC 2056	A Compact Bow-Shaped SIW Antenna with a Typical L-Shaped Slot	Shreya Malick, Prabir Patra, Pramod Kumar Dablu, Rohan Guha, Sayan Roy, Kakali Sengupta Das, Soumen Banerjee
02.00 pm	EC 2057	Detection and Analysis of Cardiac Arrhythmias from Heartbeat Classification	Yesudasu Paila, Ravi Raja A, N S P Revathi Nuvvula, R L Durga Prasad Pandi, Pujitha Kodali, Siva Reddy Vanga
02.20 pm	EC 2061	Realisation of 4:2 Compressor using Dynamic MCML Variants	Girish Kumar Verma, Lalit, Manuj Bansal, Neeta Pandey
02.40 pm	EC 2069	Design and Implementation of Approximate Divider for Error-Resilient Image Processing Applications	Maria Dominic Savio M, Deepa T, Divya Dharshini P, Kaumudi P, K Sonali, Panshul Saraswat
03.00 pm	EC 2071	Designing Tunable Circuits Using the DDCC2TA for Square, Triangular Wave Generation and Pulse Width Modulation	Somenath Dutta, Rajeev Kumar Ranjan, Dharmendra Kumar Singh

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03.20 pm	EC 2083	Synthesis of ECG signals using Generative Adversarial Networks	Swarajya Madhuri Rayavarapu, Tammineni ShanmukhaPrasanthi, Yenneti Laxmi Lavanya, Gottapu Santosh Kumar, Gottapu Saibhushana Rao, Aruna Singham
03.40 pm	EC 2089	Design and Analysis of Three Operand Binary Adder	Vamshi Surigi, Bhavith Koppunuri, Ashok Chandrakala, Sangeeta Signh
04.00 pm	EC 3005	Analysis and Optimization of MASnPbI3-based Single Junction Solar Cells for High Power Conversion Efficiency	Savita Rawat, Nikhil Shrivastav, and Jaya Madan
04.20 pm	EC 3006	Power Optimization Using Partial Adiabatic Logic for Parallel Adder and Subtractorgic	Niju Rajan, Praveen J
04.40 pm	EC 4046	Machine Learning –based Sleep Stage Prediction using EEG Signals Recorded In PSG	Jayalakshmi P K, Manimegalai P, Sree Sankar J

Session: EE01

Date: 05.04.2023

Time: 11.30 am to 05.00 pm

Session Chair(s):**1. Dr.S.VIJAYALAKSHMI***Associate Professor, Saranathan College of Engineering & Technology, Trichy***2. Dr.R.MANIVASAGAM***Associate Professor, Dept. of EEE, K. Ramakrishnan College of Engineering***Session Coordinator:**Mr.S.P Richard, *Assistant Professor/EEE, K. Ramakrishnan College of Engineering*

Mobile: +91 9942915543

Google meet link: <https://meet.google.com/bxv-mvoa-pup>

Time	Paper ID	Paper Title	Author(s)
11.30 am	EE 1009	The control of substrate flatness for flexible LCP-based devices by temporary bonding and two-step etching method	Kang Wang, Lei Han, Yaxin Xu, Zhaoer Chai, Jiawei Ren, Jie Wang, Ziyuan Wang, Ming Qin and Fei Zhao
11.50 am	EE 1037	Fuzzy logic based Incipient fault detection in Power Transformers using IEC method	Akshay Dhiman, O.P Rahi, Nishant Sharma
12.10 pm	EE 1039	An Online Fault Detection and Classification Monitoring scheme for Photovoltaic Plants	Muneeb Wali, Ashish Sharma
12.30 pm	EE 1061	A Lissajous based technique for fault detection and faulty phase identification in transmission line.	Sayan Saha, Anushka Debnath, Yadala Pavankumar, Sudipta Debnath
02.00 pm	EE 1077	Controller design for a Single-Stage Single-Phase Grid-Connected Solar PV Microgrid	RM.Meenakshi, K.Selvi
02.20 pm	EE 1080	Energy Disaggregation of Residential House via Event Based Optimization Technique	Prabhash Kumar Sonwani, Anil Swarnkar, Nikhil Gupta, Khaleequr Rehman Niazi
02.40 pm	EE 1083	Hysteresis Control of Permanent Magnet BLDC Motor Using FOPI Controller as Speed Regulator	Shivani Arora, Rajan Kumar, R. K. Jarial, Madan Kumar Das
03.00 pm	EE 1088	Performance Analysis of InGaSb OEIC Receiver	Shaik Merkatur Hakim Marjuban, Abul Al Arabi

03.20 pm	EE 1094	A Novel variable step incremental conductance maximum power point tracking algorithm based on ANFIS Controller for Grid Photovoltaic Systems	Venkata Lakshmi Narayana Meniga, Nagabhushanam. K, Kiranmayi. R, Rathaiah. M
03.40 pm	EE 1095	Comparison of Reinforcement Learning controller with a classical controller for an UAV	Debasish Chatterjee, Rajarshi Roy, Aparajita Sengupta
04.00 pm	EE 1099	Instantaneous Current Control of Five level Diode Clamped MLI based Shunt APF using IRP Theory	Kiran Narale, Swapnil Gadgune, Mandar Dongare, Suhel Shaikh
04.20 pm	EE 2003	Agriculture based information transferring protocol for effective communication	Sheikameer Batcha. S, Mohandass. M. P, Prassath. P. A, Pushpalatha. N, Karthikeyan. K, Abinandhan. S. L
04.40 pm	EE 2074	Investigation on Fuel Cell Membrane Based Zeta Converter to Minimize the Ripple Reduction	TM Navinkumar, C. Bharatiraja, M. Deepak

Session: CS05

Date: 06.04.2023

Time: 10.30 am to 04.00 pm

Session Chair(s):**1. Dr. U. Srinivasulu Reddy***Associate Professor, Computer Applications, National Institute of Technology, Tiruchirapalli***2. Mr.R.Ramesh,***Assistant Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:**Mr.V.Kumararaja, *Assistant Professor/CSE, K. Ramakrishnan College of Engineering*

Mobile: +91 9003801301

Google meet link: <https://meet.google.com/poi-yeuv-hen>

Time	Paper ID	Paper Title	Author(s)
10.30 am	CS 7078	Wind Speed Prediction using Extra Tree Classifier	R. Kingsy Grace, M. Indira Priyadarshini
10.50 am	CS 7081	DeepGAN: An Enhanced Approach for Detecting Brain Tumor	Megala G, Nancy Kumari
11.10 am	CS 7083	Kinematic Synthesis and Analysis of Upper Limb Prosthetic Finger	Ayush Sharma, Ruby Mishra
11.30 am	CS 7084	Ensemble Deep Learning Classifier for Optimal Detection Of Melanoma Cancer	M. Uma Maheswari, A. Aloysius, P. Purusothaman
11.50 am	CS 7094	Medicinal Plants Classification by Visual Characteristics of Leaves Using CNN	S. V. Evangelin Sonia, Dhanush N, Dhanush Ram S
12.10 pm	CS 8009	A New Approach to find Articulation Points and Bridges in Undirected Graphs	Abhishek Tyagi, Anil Kumar Ahlawat
12.30 pm	CS 8010	An Enhanced Technique To Classify OCT Images Using Deep Learning	Jayanthi P, Krishnamoorthy N , Sridharan S, Tamilkumar R and Yokesh P
02.00 pm	CS 8011	Enhancing red wine quality prediction through Machine Learning approaches with Hyperparameters optimization technique	Md Shaik Amzad Basha, Kavitha Desai, Sowmya Christina, M Martha Sucharitha, Abhishek Maheshwari
02.20 pm	CS 8017	American Sign Language Letter Recognition from Images Using CNN	Neeraj Singla
02.40 pm	CS 8019	Perception of flaws in Steel using ResUNet Algorithm	Lakshmi Hanne, Santhosh Krishna B V, Nandan K N, Lokesh B S, Kiran Raj Suresh Malali

Program Schedule of ICEEICT 2023

03.00 pm	CS 8021	Deep learning-based object detection in underwater communications system	M. Siva Sangari, K.Thangaraj, U. Vanitha, Dixit Dutt Bohra, J.Sathyamoorthy, K.Renu
03.20 pm	CS 8023	An Improved Signature Forgery Detection using Modified CNN in Siamese Network	S. Kevin, Joe Harris, J. Anitha
03.40 pm	CS 8024	Significance of End User Ranking Mechanism for Community Detection	Pawan Meena, Mahesh Pawar, Anjana Pandey
04.00 pm	CS 1010	Anxiety, Depression and Stress prediction among College Students using Machine Learning Algorithms	Shahid Shabeer Malik, Aneeqe Khan

Session: CS06

Date: 06.04.2023

Time: 10.30 am to 04.40 pm

Session Chair(s):**1. Dr.T.Senthil Kumar**

*Associate Professor, Computer Science and Engineering, Amrita School of Computing,
Amrita Vishwa Vidyapeetham, Coimbatore-641112*

2. Dr.T.M.Nithya,

*Associate Professor & Head, Computer Science and Engineering,
K. Ramakrishnan College of Engineering*

Session Coordinator:

Mrs. S.Saranya, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 9003972720

Google meet link: <https://meet.google.com/qmi-yebc-mpp>

Time	Paper ID	Paper Title	Author(s)
10.30 am	CS 8025	Improved Metaheuristics with Deep Autoencoders for COVID-19 Detection and Classification	Manish K Assudani, Nirmala B, N.Kanimozhi, Shanker Chandre, K. K. Sunalini, Anandbabu Gopatoti
10.50 am	CS 8026	Image De-hazing for Vision based applications	Santhosh Krishna B V, B Rajalakshmi, Dhammini U, Monika M K, Nethra C, Askok K
11.10 am	CS 8027	Human Recognition and Action Analysis in Thermal Image with Deep Learning Techniques	J Harikiran, P.Srihari, B.Sai Chandana
11.30 am	CS 8028	Evaluation of ML Models for Detection and Prediction of Fish Diseases: A Case Study on Epizootic Ulcerative Syndrome	Kamepalli Sujatha*, Pakanati Mounika
11.50 am	CS 8029	Design and analysis of glassy carbon material towards the development of biosensors for early detection of lung cancer	Anto Manuel, Madhukumar S, Bidhan Pramanick
12.10 pm	CS 8030	Detection of Dense Calcified Tissues in Intravascular Ultrasound (IVUS) images using Deep Learning Models	Priyanka Arora, Parminder Singh and Akshay Girdhar
12.30 pm	CS 8031	A Novel Social Media-Based Adaptable Approach for Sentiment Analysis Data	M. Jeyakarthic, A. Leoraj
02.00 pm	CS 8033	Infrared and Visible Image Fusion with Nuclear Norm Activity Level Measurement	Shihabudeen H, Rajeeesh J
02.20 pm	CS 8034	A Multi-tier accredit based security for trustworthiness in VANET's using broadcasting mechanism	Jyothi N. and Rekha Patil

02.40 pm	CS 8035	Enhancing DevOps and Continuous Integration in Software Engineering: A Comprehensive Approach	Dileepkumar S R, Juby Mathew
03.00 pm	CS 8036	Meme Expressive Classification in Multimodal State with Feature Extraction in Deep Learning	A.Barveen, S.Geetha, M.K.Mohamed Faizal
03.20 pm	CS 8037	Post-Quantum Lightweight Encryption Algorithm for Internet of Things Devices	Abhishek Dwivedi, Ratish Agarwal, Piyush Kumar Shukla
03.40 pm	CS 8038	A perfect hashing to enhance the performance of Apriori algorithm	Manuel Wilson, Malavika S Nair, Pramod P. Nair, Anusree M
04.00 pm	CS 8071	Center Fitting Shadowing Property for Partial Hyperbolic Diffeomorphism	Dunia M.K. AL-Ftlawy, Iftichar M.T. AL-Shara'a nd
04.20 pm	CS 8073	AnuVidya:Anesthesia Monitoring system for EEG Signals using AlexNet Model	Ninaf Rajesh Topale, Shola Usharani, Gayathri, Rajarajeswari S, Sivakumar Depuru, Sivanaga Prasad Shola

Session: EC04

Date: 06.04.2023

Time: 10.30 am to 03.40 pm

Session Chair(s):**1. Dr.S.Md.Mansoor Roomi***Professor, Thiagarajar college of Engineering, Madurai***2. Dr.B.Surendar,***Assistant Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Ms.N.Radha, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9940844795

Google meet link: <http://meet.google.com/pit-zxeg-osi>

Time	Paper ID	Paper Title	Author(s)
10.30 am	EC 3007	FPGA-Based Hardware Acceleration Using PYNQ-Z2	Vineeth C Johnson, Jyoti Bali, Shilpa Tanvashi, C B Kolanur
10.50 am	EC 3014	On-Body and SAR analysis of a Polyester Textile antenna for Wearable Applications	S. Salma, Habibulla Khan, B.T.P Madhav, B. Sathwik, S. S. D. Praveen Koushik, P. Arun Harsha Vardhan
11.10 am	EC 3018	Early Detection of Brain Tumour in MRI Images using Open by Reconstruction and Convolution Neural Networks	Dayakshini Sathish, Sathish Kabekody and Reshma K J
11.30 am	EC 3032	FPGA-Based System for Real-time Epileptic Seizure Detection using KNN Classifier	G Jaffino, J Prabin Jose, R Raman, R S Venkatesan, V.P.M.B. Aarthi
11.50 am	EC 3041	Impact of temperature on the DC performance of Nanosheet TFET	Garima Jain, Ravinder Singh Sawhney, Ravinder Kumar
12.10 pm	EC 3050	Design of Circularly Polarized Antenna for Vehicular GNSS Application	Amruta Nikam, Rupali Patil
12.30 pm	EC 3065	LTE and WLAN fair co-existence in unlicensed bands	Hari Kishan Neelakantam Bindu Priya Makala Prasanna Kommoju Devi Sai Revanth Ogirala Pacharla Naga Suneel Dr. Manoj Kumar D

02.00 pm	EC 3071	Spectrum Sensing in Cogintive Radio Using Cooperative Spectrum Sensing	Aarthi M, Aburva Sema I G, Anchanaa P, Femina Priyadharshini X
02.20 pm	EC 3073	Analysis of SAR Images De-speckling using a Bilateral filter and Feed Forward Neural Networks	M.Kalaiyarasi, S.Saravanan, Bharath Kumar Narukullapati, Idamakanti Kasireddy, D S Naga Malleswara Rao and D. Nagineni Venkata Sireesha
02.40 pm	EC 4003	Low power and high speed level translator using Widlar topology	Nithia Shree A C, Maheswar R, Arul A and Ramesh S M
03.00 pm	EC 4004	Hybrid Threshold Speech Enhancement Scheme Using TEO and Wavelet Coefficients	Latha R, Suhas A R, B P Pradeep Kumar, M.Mohammed Ibrahim and Sathiyapriya V
03.20 pm	EC 4039	Speech-to-text transfiguration in language Numerals for perpetual deaf patients	P Pradeep Kumar, Venkatesan C, Suhas A R, Balamurugan D and Sathiyapriya V

Session: EC05

Date: 06.04.2023

Time: 10.30 am to 03.20 pm

Session Chair(s):**1. Dr. Rajesh A***Associate Professor, Sastra University, Thanjavur***2. Dr.B.Viswanathan,***Associate Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Mrs.Kalaivani, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9751441582

Google meet link: <https://meet.google.com/kss-mphm-ewc>

Time	Paper ID	Paper Title	Author(s)
10.30 am	EC 4006	ECG Signal Feature Extraction and SVM Classifier Based Cardiac Arrhythmia Detection	Venkatesan C, Thamaraimanalan T, Ramkumar M, Sivaramakrishnan A, Marimuthu M
10.50 am	EC 4008	Dual adaptive model for change detection in multispectral images	Chafle Pratiksha Vasantrya, Neha Gupta, Naga Surekha Jonnala, Anoop Kumar Mishra.
11.10 am	EC 4012	A Four-Port Novel Inset-Fed, Rectangular MIMO-Antenna Designed for 2.40 GHz Bluetooth & Wi-Fi Applications	Vaishali Kikan, Anusha Dagar, Shreya Singh, Shweta Singh, Nishika Chandra Deo, Ashwani Kumar, Manish Sharma
11.30 am	EC 4014	Design of Microstrip Patch Antenna At 3.5 GHz Frequency Using FEKO Simulation	Ramakrishna Ch, Krishna Chaitnaya Varma A, Rangarao Orugu, V V S Srinivas Ch, K V Subba Reddy M, Venkateswara Rao Ch
11.50 am	EC 4015	Design of a Compact and Efficient 2.45GHz Rectenna for RFID Sensorised tag	Deepali Pathak, SriHarsha Vardhanâ, Ashudeb Dutta
12.10 pm	EC 4017	A Novel Array Configuration Technique for Improving the Power Output of the Partial Shaded Photovoltaic System	G.Shanmugapriya, Aruna M, R.Jeevalatha, Nikale Vasant Muralidhar, Subash Ranjan Kabat, P.Selvaraj
12.30 pm	EC 4019	Two-Port Inset-Fed with Stub-Loaded Circular MIMO-Antenna with V-Shaped Slit for 38.0GHz 5G Wireless Applications	Vaishali Kikan, Siddhi Bhardwaj, Neha, Takshish Bano, Ashwani Kumar, Manish Sharma

02.00 pm	EC 4022	Fusion of Adaptive SLM Technique with Companding for PAPR reduction in 5G MIMO-OFDM System	Teja Sai Vishnu Vardhan D, Chandra Kiran K, Narendra Kumar A, Jyothiraditya G, Vijaya Kumar P, Ravi Raja A
02.20 pm	EC 4024	Energy Efficient Dual Mode DCVSL (DM-DCVSL) design	Neetika Yadav, Neeta Pandey, Deva Nand
02.40 pm	EC 4025	Statistical Significance of Time Domain Features for Lung Disease Detection Using Various Types of Lung Sounds	Careena P, U Anju Krishna, S AdithyaKrishnan, Rohith Manuel Philip, Reeju Elisa Baby
03.00 pm	EC 4026	A Two Port MIMO Antenna with Dual-Bent-Printed Monopole and Bent-Microstrip Feed-Line Characterized for Super Wide Band Applications	Vaishali Kikan, Shweta Singh, Shreya Singh, Anusha Dagar, Nishika Chandra Deo, Ashwani Kumar, Manish Sharma

Session: EE02

Date: 06.04.2023

Time: 10.30 am to 04.00 pm

Session Chair(s):**1. Dr.R.Subasri,***Professor, Department of EIE, Kongu Engineering College, Perundurai***2. Dr.R.Arulraj***Assistant Professor, Dept. of EEE, K. Ramakrishnan College of Engineering***Session Coordinator:**Mr. U.Ramani, *Assistant Professor/EEE, K. Ramakrishnan College of Engineering*

Mobile: +91 9629591060

Google meet link: <https://meet.google.com/qav-httv-eoa>

Time	Paper ID	Paper Title	Author(s)
10.30 am	EE 2015	Statistical Impact Analysis of Integration of different types of WTG on Radial Distribution System	Ankush Tandon, Pooja Jain, Abhinav Goyal, Aditya Sharma, Anoop Gupta, Anmay Kapoor
10.50 am	EE 2043	Modified Bidirectional LLC Converter for Electric Vehicle Application	Monish Ansari, Gaurav Yadav, Mukhtiar Singh
11.10 am	EE 2047	Speed Control Of Brushless DC Motor Using Hybrid ANFIS-FOPID Controller	Bhaskara Naga Siresha, N Swathi, R Kiranmayi and K Nagabhushanam
11.30 am	EE 2055	Analysis of FUZZY-PI and PI Control Strategies for Permanent Magnetic Synchronous Motor Drivelysis of	Bhavesh Sonkriwal, Patil Rahul D and Harpal Tiwari
11.50 am	EE 2058	Gas Sensor device based on SnSe ₂ Monolayer: Ab-initio Modelling	Rahul Baghel, Rajendra Kumar Sahu
12.10 pm	EE 2066	Machine Learning based Resilient Energy Management System in Residential Building	Priya E, Preetha Roselyn J
12.30 pm	EE 2067	Studies on the Characteristics of Partial Discharges in High-Voltage XLPE Cable Joints exposed to Lightning Impulse Voltages	Neha Adhikari
02.00 pm	EE 2068	An efficient Repeated Power Flow approach to evaluate Available Transfer Capability considering power systems security	M. Kenedy, R. Naresh, Romil Chauhan
02.20 pm	EE 2069	Solving Economic Load Dispatch Problem with Mountaineering Team-Based Optimization Technique	Y V Krishna Reddy, M Laxmidevi Ramanaiah

02.40 pm	EE 2070	Frequency Optimization in Solar PV Systems Using VI-based Synchronous Inverters with ADP Controller	Mukul Sharma, Bharti Koul
03.00 pm	EE 2073	Transient Stability Analysis of Wind Farm Integrated Power Systems Using PSAT	Gaurav Rawat Sushil Chauhan
03.20 pm	EE 1028	Performance Analysis On Induction Motor Integrated Wide Band Gap Bidirectional Converter For Low Power Traction Applications	M. Deepak, G. Janaki, C. Bharatiraja
03.40 pm	EE 2054	PV-Powered Wireless Drone Charging Station Assisted with Tracked-Vision	Atul Nair, Bharatiraja C, Prithvi Krishna C, Devakirubakaran S

Session: OP- 01

Date: 06.04.2023

Time: 10.30 am to 03.20 pm

Session Chair(s):**1. Dr. B. Kiran Bala**

*HoD / AI&DS, Associate Professor,
K.Ramakrishnan College Of Engineering, Trichy*

Session Coordinator : **Mrs.R.K.ANANTHI**Session in-charge Contact Number : **+91 9786464164**Google Meet ID/Link : **<https://meet.google.com/gpd-eeqx-tfs>**

Time	Paper ID	Paper Title	Author(s)
10.30 am	CS 6053	Intrusion Detection: A Deep Learning Approach	Ishaan Shivhare, Joy Purohit, Vinay Jogani, Samina Attari and Dr. Madhav Chandane
10.50 am	CS 2038	ECG Based Risk Score for Classification of Atrial Fibrillation	Adarsh Pramod, T.Raghavendra Reddy, V. Devaki, T. Jayanthi
11.10 am	CS 7085	Prediction of Burr Formation in end micromilling Polymethyl Methacrylate(PMMA) and Polycarbonate(PC) Substrates using convolutional neural network(CNN)	Sainatha Reddy B, Navneet Kaur
11.30 am	CS 4082	Electronic Cyber: Integration Of Two Warfare	Akash Budhrani, Upasna Singh
11.50 am	CS 6056	Research On Logistics Information Using Blockchain Data Query Algorithm Based On Searchable Encryption	G. Venkatesh, B. Jayanth Sai, K. Ravi Sankar, G. Sai Ganesg, and T. Dhiliphan Rajkumar
12.10 pm	CS 4093	A CNN based Classification of Pulmonary Diseases on Chest X-Rays using MATLAB	Kompella Yajna Sai Santosh, Appikatla Yugendra Krishna Vamsi, R. Yogitha
12.30 pm	CS 4047	A Comprehensive Review Of Various Suspicious Email Detection Techniques	Likhitha Jayalekshmi, Lokaiah Pullagura, Raja Praveen Kumar K
02.00 pm	CS 2086	Design of Cloud Service Level Agreement	Shuvendu Das, Shivita Kanv, Richa Sharma, Aleem Ali, Sheikh Afaan Farooq

02.20 pm	OP 8029	EyeWitness: Revolutionizing Complaint Management with Blockchain & Iris Recognition	Venkata Ratnam Kolluru , Boggavarapu Bhanu Venkata Satya Vara Prasad, Peddisetti Siva Ganesh, Kolluri Keerthana Sri, Kandula Dinesh Kumar
02.40 pm	CS 4067	History and Measurement Technology of Ozone: 18th Century to 21st Century - A Review	Bimal Pal, Krishnendu Chakrabarty
03.00 pm	CS 4064	Contextual question creation with Text to Text transformer	Joseph Benny, Surekha Mariam Varghese

Session: CS07

Date: 07.04.2023

Time: 10.30 am to 04.00 pm

Session Chair(s):**1. DR. B. Surendiran**

Associate Professor, Department of CSE,
National Institute Of Technology Puducherry,(An Institute of National Importance Under MOE, Govt of India),
Thiruvettakudy, Karaikal, Puducherry

2. Mr. R.Sasikumar,

Assistant Professor, Computer Science and Engineering,
K. Ramakrishnan College of Engineering

Session Coordinator:

Mrs.M.Subashree, Assistant Professor/CSE, K. Ramakrishnan College of Engineering

Mobile: +91 8248550669

Google meet link: <https://meet.google.com/kaf-hcih-rsx>

Time	Paper ID	Paper Title	Author(s)
10.30 am	CS 8039	Internet of Things based Innovative Irrigation System for the evaluation of Sand Quality with Security measures for Agriculture Land using Wireless Sensor Network	P Kalyanasundaram, S.M.Ramesh, Ravikumar Gurusamy, V.Rajmohan, S. Hamsanandhini
10.50 am	CS 8040	An Efficient Rainfall Forecasting System Using Machine Learning Methods	Kalaivani K, Vijayakumar N C, Poovizhi P, Selvapandian D
11.10 am	CS 8043	Dysarthria Speech Disorder Classification Using Traditional and Deep Learning Models	Manju Suresh, Rajeev Rajan, Joshua Thomas
11.30 am	CS 8044	Automating the Statutory Warning Messages in the Movie using Object Detection Techniques	Dhanush M, Abhinay Reddy B, B Jagannath, R Rohan Reddy, R. Bhuvanewari
11.50 am	CS 8045	Prediction of Optimal Algorithm for Diagnosis of Chronic Obstructive Pulmonary Disease	K. Kousalya , K. Dinesh , B. Krishnakumar, J. G. Kavyapriya, C. Kowsika and K. Ponmathi
12.10 pm	CS 8047	Reliability Optimization and Redundancy Allocation for a Complex System using Metaheuristic	Ashok Singh Bhandari, Jaya Choudhary, Akshay Kumar, Mangey Ram
12.30 pm	CS 8048	Tomato Leaf Disease Classification using Convolutional Neural Network Model	Archana Saini, Kalpna Guleria, Shagun Sharma
02.00 pm	CS 8050	ML-Based Retail Innovations: Virtual Fitting, Scanning and Recommendations	Malhar Bangdiwala, Sakshi Mahadik, Yashvi Mehta, Abhijeet Salunke
02.20 pm	CS 8053	A study of CNN models for re-identification of vehicles	Mary Mathews, Sethilnathan T

02.40 pm	CS 8055	Smart Building Indoor Temperature Prediction Using the IoT and Machine Learning	Robin Rohit. Vincent, Shalom Irencce, R. Senthil Rama, Swagata Sarkar, R B R Prakash, D Suganthi
03.00 pm	CS 8057	Automatic face mask detection system in public transportation in smart cities using IoT and deep learning	Kaushalya Thopate, S L Prathapa Reddy, Manthan S. Manavadaria, Minakshi Dattatraya Bhosale, Sireesha koneru, Ravi Rastogi
03.20 pm	CS 8059	Breast Cancer Classification and Recurrence Prediction Using Artificial Neural Networks and Machine Learning Techniques	Baraniya S., Mrithula Angeline M. J., Poonam B. N., Sharon Femi P., Kala A
03.40 pm	EC 3052	Orchestrator -A GAN Architectural-Based Pipeline For Musical Instrument Chord Conversion	Saranya G, Sriraman S, Sruthilaya S, Ulagaraja J

Session: EC06

Date: 07.04.2023

Time: 10.30 am to 04.00 pm

Session Chair(s):**1. Dr.T.Senthilkumar***Associate Professor, Amrita school of Engineering, Coimbatore.***2. Dr.P.Senthil,***Assistant Professor, Dept. of Electronics & Communication Engineering,
K. Ramakrishnan College of Engineering***Session Coordinator:***Mrs.R.Ramya, Assistant Professor/ECE, K. Ramakrishnan College of Engineering*

Mobile: +91 9788355400

Google meet link: <https://meet.google.com/fse-ifjd-koa>

Time	Paper ID	Paper Title	Author(s)
10.30 am	EC 4029	Medical Image Denoising Using BAT Optimization Algorithm	K.Sakthidasan Sankaran, M.Pradeepa and Chinta Sharath Chandra
10.50 am	EC 4030	CycleGAN-based Speech Enhancement using Time-Frequency Masking	Didin Skariah, Rajeev Rajan, Joshua Thomas
11.10 am	EC 4031	Improving the Hand Movement Classification Accuracy through EMG based on Histogram Feature Enhancement from Time Domain Representation	M.Karuna, Sitaramanjaneya Reddy Guntur
11.30 am	EC 4032	Design and Implementation of Low Power Flash ADC	S. S. Kamate, H. P. Rajani, Vidyavati Mallaraddi
11.50 am	EC 4033	Atlas based breast registration and segmentation in the Mediolateral Oblique and Craniocaudal views	Athira K S, Janaki Peruvamba Dharmarajan, Vijaykumar D K, Nagesh Subbanna
12.10 pm	EC 4034	Detection of Retinal Diseases in Retinal Optical Coherence Tomography Images	M.Anand, T.M.Sheeba, A.S.Anshy Princella
12.30 pm	EC 4036	Downlink Intercell Interference Behavior in Heterogeneous Networks	Padmaloshani Palanisamy
02.00 pm	EC 4037	SMS Spam Classification and Through Recurrent Neural Network (LSTM) model	J Rajasekhar, T. Hemanth and Anjuman SK

02.20 pm	EC 4038	Predictive modeling of aircraft tyre demand using a hybrid CNN-LSTM architecture	Nithin Soundar S J, Rajasekar T, Jayanthi S, Rithick Roshan R, Nithish Kumar R, Ram Prasanth N, Karthik K
02.40 pm	EC 4041	A Study of Graphene FET for Better Performance	P.Vimala, Dharshan K, Murthy, Harshith S, Kishore V M, C.Usha
03.00 pm	EC 4042	10GB MAC CORE Verification - Scoreboard Module	N. Bhuvaneswary, Muvvala Venkata Sai Syam Sundar, Gaddam Gangaiah, Penumuchu Rahul, Pichhapati Vishnu Vardhan Reddy
03.20 pm	EC 4029	Medical Image Denoising Using BAT Optimization Algorithm	K.Sakthidasan Sankaran, M.Pradeepa and Chinta Sharath Chandra
03.40 pm	CS 1026	Machine Learning based prototype for Customer Segmentation using RFM	V Asha, Binju Saju, Singh Navnit Dhirendra, Yuvraj Kaswan, Prajwal G C, S P Sreeja

Session: OP - 02

Date: 07.04.2023

Time: 10.30 am to 03.40 pm

Session Chair(s):Session Coordinator : **Prof. K. Sivakumar**Session in-charge Contact Number : **+91 9789489103**Google Meet ID/Link : meet.google.com/hhp-wxdh-pzm

Time	Paper ID	Paper Title	Author(s)
10.30 am	OP 8024	Credit Card Fraud Detection Using Machine Learning And Deep Learning Algorithms	A. Sunitha Nandhini, Ranjithkumar M, Ranjithkumar S, SrimuthuKrishna I, Sudharsan G
10.50 am	CS 4046	A Survey on Identification of Fraudulent Text, Image and Multimedia posts on Social Media	N. Pavani, K. Shyamala
11.10 am	CS 4036	Performance Improvement of Multi-type Batteries for Electric Vehicles Using Python Programming	Dr.K. Dhananjaya Babu, B. Polireddy, K. Siva Kumar, K. Naveen Kumar, B Naveen Kumar Reddy
11.30 am	CS 5011	Advanced Skin Category Prediction System For Cosmetic Suggestion Using Deep Convolution Neural Network	R. Abishek, N. Aravinth, Dhiyanesh B, T.S. R. Ajeyan, M. Gokul
11.50 am	CS 6088	Implementation of a Simple Road Traffic Simulator Using PyGame	Maria Joy, Rini T Paul
12.10 pm	CS 6016	Intelligent destination recommender and community builder	Ashish Jeswani, Radhika Shinde, Roma Panaskar, Varad Kanade, Vrushali Kolapkar
12.30 pm	CS 1064	Study on Provable Data Possession in Blockchain	Mariyam Farhana B, Nithya S, Reddy, Prashanthi, Saradha
02.00 pm	CS 2019	A Survey on Crop related prediction and recommendation system using Machine Learning and Deep Learning approach	Janani Shree S, Preeti N R, Jinu Sophia J
02.20 pm	CS 6030	A Profound Forecast of Chronic Renal Illness By Implementing Machine Learning Boosting Algorithm	Swathi.D, Prathibha.R, Sowmiya.N, Thivya Priya.G, Varunavee.M
02.40 pm	CS 4019	Review of Various Advanced Technologies to Enhance Productivity of Agriculture	Susmita A. Meshram, N. K. Choudhari

03.00 pm	CS 7077	Early detection of Stroke using K- Nearest Neighbour and Random Forest Algorithm	Rakshna K B, Tamil Selvan P, Varshini S, Chitra J
03.20 pm	EE 1031	Ultrasonic Sensing System for Detecting Adulteration in Milk	Sanitha Michail C

Session: OP- 03

Date: 07.04.2023

Time: 10.30 am to 04.00 pm

Session Chair(s):Session Coordinator : **Prof. Sevugan Rajesh**Session in-charge Contact Number : **+91 88837 82533**Google Meet ID/Link : **<https://meet.google.com/zhw-vdvp-ggt>**

Time	Paper ID	Paper Title	Author(s)
10.30 am	EC 2065	Single Layer Fence Shaped Reflect array Antenna for Ku Band Applications	Annal Joy J, Sandeep Kumar Palaniswamy, Bashyam S
10.50 am	EC 1096	A Robot for Transplanting Paddy Crops	Ganta Lakshmi Mounica, Maganti Srinivas, Jampala Kishore Babu, Murala Jogi Gopi, Balla Shanmukh Dev
11.10 am	EC 2067	Review on Glaucoma Detection using various Methods	Bharathi M , Deepika K, Vaibhavalakshmi G and Rithika P
11.30 am	EC 2020	High Strain Analysis of Steel using 2D-Image Correlation	Kavita Tewari, Tanvi Satam, Aakash Dubey, Sagar Joshi, Pratiksha Mhadgut
11.50 am	EC 4044	Pre- Stroke Detection Using K-Nearest Neighbour and Random Forest Algorithm	Rakshna K B, Tamil Selvan P, Varshini S, Chitra J
12.10 pm	EC 4027	Design and Implementation of MIPI I3C Controller Subsystems	Yadhu Krishnan S, Ramesh B
12.30 pm	EC 4040	H0ney4Log – A Comprehensive Tool For SSH HoneyPot and Log4j Vulnerability Scanner	M A Samid Arsalan, S Suryaraman, Sujatha G
02.00 pm	EE 2036	Modelling and Analysis of TCSC in Power System	Dr.G. Rajendar, R. Adarsh Kumar, J. Priyanka, CH. Vaishnavi, CH. Sheetal
02.20 pm	EE 1020	A Review of Various Handwriting Recognition Methods for the Writer's Identification	Aarti Pandey, Manish Kumar Jindal, Rupinderpal Kaur

02.40 pm	EE 2037	Optimization of Power System Performance using FACTS Devices	Nishath Tabassum, S. Ramya, G. Shiva krishna, Ch. Manidher, Dr. G. Rajender
03.00 pm	EE 2046	Object Detection and Warning System to Avoid Forward Collision in Adverse Weather	S.V.R.Lakshmi kumari, P.L.V.Satyanaraya, A.Abhinav, Ch. Himaja Rakhi, B.Dileep
03.20 pm	EE 1087	Novel Air Compressor for Oxygen Concentrator	Adrien Periyamayagam.C, Anand.M.V, Dhilip Kumar.S, Rasin.A, Thamarai Selvan.S
03.40 pm	EE 2041	Development of PLC-based Control System for 200kV DC High Voltage Power Supply	Kumar Saurabh, Ashok Mankani, Amal S, Aritra Chakraborty, Paul D. Christian, Ujjwal Baruah