

**2024 First International Conference on  
Innovations in Communications, Electrical and Computer Engineering  
(ICICEC 2024)**

24 - 25, OCTOBER 2024 | Davangere, Karnataka, India

**Program Schedule**

Date	Time	Event
24.10.2024	09.30 am to 11.15 am	Inaugural Function
	11.15 am to 11.30 am	Tea Break
	11.30 am to 1.00 pm	Keynote Address
	1.00 pm to 1.45 pm	Lunch Break
	1.45 pm to 2.45 pm	Panel Discussion
	3.00 pm to 5.30pm	Session 01: ICICEC_CS01(OFFLINE)
		Session 22: ICICEC_CS16(OFFLINE)
		Session 02: CS09(Online)
		Session 03: CS03(Online)
		Session 04: CS04(Online)
		Session 05: CS05(Online)
		Session 06: CS06(Online)
		Session 07: CS07(Online)
		Session 08: CS08(Online)
Session 09: EC01 (Online)		
25.10.2024	09.30 am to 12.30 pm	Session 12: ICICEC_CS02(OFFLINE)
		Session 13: CS10(Online)
		Session 14: CS11(Online)
		Session 15: CS12(Online)
		Session 16: CS13(Online)
		Session 17: CS14(Online)
		Session 18: CS15(Online)
		Session 19: EC03(Online)
		Session 20: EC04(Online)
		Session 21: EE02(Online)

EC - Electronics & Communication Engineering  
CS - Computer Science & Engineering  
EE - Electrical Engineering

**Note:**

1. Start time given above indicates Indian Standard Time (IST).
2. Presentation will be conducted using Google meet platform.
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) + 3 minutes (Queries)
6. Participant SHOULD join the session at least 30 minutes prior to their scheduled time.
7. Participants are requested to follow the scheduled time; especially regarding the time for your talk.

### Session 01: ICICEC\_CS01(OFFLINE)

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Venue: Placement Seminar Hall, Mechanical Dept. 4th Floor

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BEE 1053	Spectroscopical Analysis and Study of Electrical and Magnetic Behaviours of Natural Magnetic Minerals in Rock Crystals.	Andrew M. Appaji, N.Joseph John
03.15 pm	BCS 8044	Enhancing Silkworm Breeding Through Advanced Image Segmentation: A Comparative Study of U-Net, Mask R-CNN and FCN	Gowramma B H, Poornima B, Ranjana B Jadekar
03.30 pm	BEC 1052	Cryptography Using Quantum-Dot Cellular Automata (QCA) for Secure Communication	Thomas Eldho, Christy Eldhose, Prof. Mary Joseph
03.45 pm	BCS 8066	A New Abstraction of Double XRAMA Distribution and its Applications using R	R. Elangovan
04.00 pm	BCS 3073	Comparison of Particle Swarm and Grey Wolf Bio-Inspired Optimization Algorithms with Leach for Energy Efficient WSN	Ashwini C, Asha Gowda Karegowda, Devika G
04.15 pm	BCS 7017	Enhanced Sentiment Analysis of Airline Twitter Review Using Hybrid Machine Learning and Deep Learning Models	Premasudha B G, Vinayak Patil
04.30 pm	BCS 7019	A Comparative Study of Logistic Regression, Support Vector Machines, and LSTM Networks for Sentiment Classification in Academic Reviews	Premasudha B G, Vijayalaxmi Rampalli
04.45 pm	BCS 7028	Enhancing Diabetes Diagnosis: A Comparative Study of Machine Learning Algorithms with Data Preprocessing Techniques	R. Elangovan, B. Santhi, J. Usha, B.K. Ranjith
05.00 pm	BCS 6083	Machine learning based Acoustic Analysis and Classification of Infant cry to Identify Baby needs	Sanjay S, Monish S P, B G Premasudha, Annapurna M
05.15 pm	BCS 8067	Real-Time Bone Fracture Detection in Radiographic Images Utilizing YOLOv4 for Improved Accuracy	Senthi K, Libika G,A Gopi, Selvakumar K,Hariharan R, Thamizkumaran G

**Session 22: ICICEC\_CS16(OFFLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

**Venue: BT Seminar Hall, IS Block, BIET, Davangere**

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 8063	Performance Analysis of M/M/1 Queueing Model with Working Vacation, Balking and with Standby Server	M. Seenivasan, V. Anita and K. Sakthivel
03.15 pm	BCS 8064	Single Server Retrial Queueing System with Reneging, Feedback and Balking Customers	M. Seenivasan, R. Ramesh and S. Pandisaranya
03.30 pm	BCS 7042	Lung Carcinoma Taxonomy: Differentiating Adenocarcinoma, Small Cell Carcinoma, and Squamous Cell Carcinoma	Ayyappan G, Gopinath M, Yuktha Varshika J, Rohan Kumar S, Sakthi S, Karthikraja M
03.45 pm	BCS 7043	Genomic Insights into the Classification and Identification of Plasmodium Parasites	Senthil K, Yuktha Varshika J, Gopinath M, Pooja Sri V, Vishwa S, Monikaa R
04.00 pm	BCS 8060	AI-Powered Retinal Vessel Segmentation: Enhancing Medical Imaging with Convolutional Neural Networks	Priyadarshini B, Karthikraja M, Harikaran S, Ranish R, Vudatha Adharsh, Vanthinapalli Tharon Kumar Reddy
04.15 pm	BCS 8061	Classifying Acute Lymphoblastic Leukemia: Integrative Insights into Subtypes, Biomarkers, and Therapy	Madhan Kumar R, Jessica Grace S, Lohith Reddy Nandaluru, Vimal T, Vivek A, Sunil Shuraj N
04.30 pm	BCS 8062	YOLOv8-Based Real-Time Detection of Colon Polyps for Improved Endoscopic Analysis	Bharath Raj G, Rohan Kumar S, Samyuktha M, Rishiksha S B, Aakash A, Sumanth S
04.45 pm	BCS 3097	Integration of NIST-Aligned Secure IoT Data Management Framework Tinkercad, Flask, and ThingSpeak	Ganga Shirisha M S, Shiva Prasad M S, B Bhaskar Rao, Sanjeevkumar Chetti, Chandrakant Naikodi
05.00 pm	BCS 8068	ResNet-Based Deep Learning approach for Accurate Detection of Parkinson's Disease from Medical Imaging Data	Thulsika A, Sharu Jayasri S, Madhumitta H, PriyaDarshini K, Mokesh Kumar V, TavvaMadhuri
05:15 pm	BCS 8069	GAN-Based Approach for skin Lesion Classification and Augmentation in Medical Imaging	Thulsika A, Sharu Jayasri S, Hothur Manasa, Desu Bhanu Prakash Reddy, Chittineni Harshitha Chowdhary, GunapathiSri Lakshmi Sai

**Session 02: CS09(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

**Session Link: [meet.google.com/xkq-byog-itp](https://meet.google.com/xkq-byog-itp)**

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 5073	Deep Learning Hybrid Model for Predicting Grassy Shoot Disease in Sugarcane	Vishesh Tanwar
03.15 pm	BCS 5074	Applying Machine Learning for Predictive Analysis for Air Quality Assessment across different Districts in Uttarakhand	Priyanshi Kotlia, Manoj Chandra Lohani, Janmejy Pant
03.30 pm	BCS 5075	A Data-Driven Approach to Soil Fertility Assessment Using Extreme Learning Machine	Janmejy Pant, Priyanshi kotlia, Devendra Singh, Hitesh Kumar Pant, Saurabh Gangola
03.45 pm	BCS 5084	AI-driven Classification of Dental Restorations: CNN and KNN Techniques.	Shubham, Deepak Banerjee
04.00 pm	BCS 5085	Hybrid CNN and Logistic Regression Approach for Folk Song Classification	Shubham, Deepak Banerjee
04.15 pm	BCS 5086	Application of CNN and KNN Algorithms for Casting Defect Classification	Shubham, Deepak Banerjee
04.30 pm	BCS 5088	Integrating Convolutional Neural Network with IoT for Weed Management	Aparajita Mohanty, Ramakrishnan Raman, Amit Barve, C. Priya, Sundaram Arumugam, S. Murugan
04.45 pm	BCS 5089	Automated Metal Waste Segregation Using IoT-Connected Robotics Using Convolutional Neural Networks for Efficient Sorting	S. Vimaladevi, Satheeshkumar Sekar, Pradeepa H, Azath Mubarakali, N.C. Sendhilkumar, S. Murugan
05.00 pm	BCS 5090	Smart Home Gardening with Robotic Assistance using Cloud-Connected Plant Care and Neural Networks Growth Analysis	P. Rajalakshmi, K. Dhivya, D. Anitha, Potturi Sandhya, N. Gnanavel, M. Muthulekshmi
05.15 pm	BCS 5092	Cloud-Integrated Smart Food Labeling Systems for Allergen Detection with Logistic Regression	Yogesh Madan Dharangutti, Ramakrishnan Raman, Amit Barve, S P Vimal, T. R. GaneshBabu, S. Murugan

**Session 03: CS03(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/hni-omcm-mfa](https://meet.google.com/hni-omcm-mfa)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 1089	Optimizing Deepfake Detection with Transfer Learning Methods	Kingsy Grace R, Ragavan. M, Karthikeyan. N, Prkalathan M, Saveetha V
03.15 pm	BCS 2009	Optimization of HR Recruitment Process using Large Language Model (LLM)	Vijayalakshmi V, Ananya A, Sharanya Avadhani M U
03.30 pm	BCS 2017	Assessment of Convolutional Neural Networks for Dementia Diagnosis through MR Images	Jyoti Kumari, Santi Kumari Behera, Prabira Kumar Sethy
03.45 pm	BCS 2023	Heat Stress Forecasting and Mitigation in Outdoor Worker Safety Using Gradient Boosting and IoT Technologies	K. Dhivya, Gurumoorthi Gurulakshmanan, S. Vimaladevi, Buddaraju Rekha Madhavi, S. Senthilkumar, C. Srinivasan
04.00 pm	BCS 2054	Deep Learning-Based Classification of Diabetic Retinopathy Severity Using DenseNet201 and SVM with Cubic Kernel	Shreemat Dash, Sudarson Jena, Prabira Kumar Sethy
04.15 pm	BCS 2056	Exploring Explainable AI for Enhanced Depression Prediction in Mental Health	Ashly Ann Jo, Dr. Ebin Deni Raj, .Angel Susan Vino,Parvathy Menon
04.30 pm	BCS 2059	Evaluating suitable biometric sensor for education system in bipolar fuzzy environment	S.Anita Shanthi and N.Keerthana
04.45 pm	BCS 2061	Behavioral Analysis and Sub-Topic Detection in COVID-19 Data Using Path-Aware Graph Neural Networks	G. Akiladevi ,M. Arun
05.00 pm	BCS 2082	Enhancing Cardiovascular Disease Prediction through Optimization Algorithms: A Comparative Study of Extra Trees Classifier and XGBoost Models	Lodhi Muhammad Adnan Khan, Dr Ranjitha U N
05.15 pm	BCS 2083	AS-UNet: An Efficient Attention based Skin Lesion Segmentation Model	Deepa J, P. Madhavan

**Session 04: CS04(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/btf-uexy-pqv](https://meet.google.com/btf-uexy-pqv)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 2090	Performance Evaluation of Cardiovascular Disease Prediction Using Supervised Machine Learning Algorithms	Archana R, Sujatha V, Abinaya M, Vijay Anand P, Ramya M, Priya S
03.15 pm	BCS 2092	Empirical Seabed Image Classification Using Labeled Machine Learning Techniques	Rajesh Sharma R, Akey Sungheetha, Rajiv Gandhi K, Sasikala Rani, GGS Pradeep, Ellappan V
03.30 pm	BCS 2096	A Novel Lung Cancer Prediction Using Deep Learning Technique	Surendar P, Gomathi P S, Ponni Bala M and Priyanka A
03.45 pm	BCS 3069	Segmentation of Medical Liver Image Diseases Using Improved Contextual Convolutional Neural Network (COCO) Model	Rajesh Sharma R, Akey Sungheetha, Rajiv Gandhi K, Sasikala Rani, GGS Pradeep, Ellappan V
04.00 pm	BCS 3072	Predicting OTT Service Churn Rates Using Machine Learning and Apache Spark	Kavya Sravani Gandham, Krishna Teja Anumolu, S K L N Karthikeya Kuchipudi, Sai Ananya Koganti, Ravi Kumar Tata
04.15 pm	BEE 1032	Load Forecasting Studies on University Buildings using Intelligent Methods: Step towards Sustainable Educational Institutes: A Review	Muhammad Rehan Arif , Nasir Jamal
04.30 pm	BCS 3093	Smart Navigation: Enhancing Vehicle Trajectory Forecasting with Deep Learning	Muneera Hashim, Nadera Beevi S
04.45 pm	BCS 7041	Real-Time Kannada Sign Language Recognition to Speech and Text for Rural Primary Healthcare Centers	Swetha P, Sreenivasa B R
05.00 pm	BCS 4000	Enhancing Wound Care in Healthcare Systems with Logistic Regression for Infection Detection	L. Ramalingam, Raveendra N Amarnath, V. Arun, N. C. Sendhilkumar, Rupavathy Ravi, C. Srinivasan
05.15 pm	BCS 4005	Feature Vector Learning for Images with Pretrained Models	Ritesh Jha, Manish Kumar Khirwal, Vandana Bhattacharjee

**Session 05: CS05(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/xqk-ivwg-mkf](https://meet.google.com/xqk-ivwg-mkf)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 4013	Detection of Hidden Inter-laminar Insulation Defects in Stator Core	Kiran Kumar P, Santhosh Kumar D, Kumar P.G.S.
03.15 pm	BCS 4015	Advancing Phishing Threat Mitigation: An Intelligent System for Optimized URL-Based Detection using AI	Preet Singh, Taniya Hasija, KR Ramkumar
03.30 pm	BCS 4018	Evaluating CNN and Deep Learning Models for Bone Fracture Detection: A Comparative Study of VGG19, ResNet-50, LeNet and DenseNet	Gayathri Vempati, Tejaswini Paladugu, Jyothika Sama, Ravi Teja Kamineni, Sujatha Kamepalli
03.45 pm	BCS 4019	Assessing the Precision of Machine Learning Algorithms in Diabetes Mellitus Classification	A.Mary Joy Kinol, Josh Kumar J P, S.Selvin Pradeep Kumar
04.00 pm	BCS 4020	Supply Chain Logistics With Hybrid Optimization using ADMM and Vehicle Routing Problem	T. Sudeep Reddy, D. Dhanush, T. Krithin, Sarada Jayan
04.15 pm	BCS 4021	Voice Over Vision :A Sequence-to-Sequence Model by Text to Speech Technology	E G Satish, P Ramesh Naidu, Girish Madhava Mogera, Karthik H V, Abhinandan
04.30 pm	BCS 4024	Machine Learning Models for Predicting Anemia: Evaluation and Performance Insights	Chandralekha E
04.45 pm	BCS 4026	Enhancing Stock Price Predictions with Combined LSTM and GRU Models	Siva Ajit S, Keshav Vaidhya N, S. Prabakeran, Annamalai, Balaji, Hardik Jindal
05.00 pm	BCS 4031	MRI Brain Tumor Classification for Multi Labeled Medical Images using Machine Learning Techniques	Rajesh Sharma R, Akey Sungheetha, Rajiv Gandhi K, Sasikala Rani, Sivakumar N, Ketema Adare
05.15 pm	BCS 4042	Enhanced Security Scheme for IoT based EHR Systems in Hybrid Cloud Environments	S. Chithra, R. Kalaiarasi

**Session 06: CS06(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/pyk-zasc-wsw](https://meet.google.com/pyk-zasc-wsw)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 4043	Optimizing Ocular Disease Detection: A Deep Learning Approach with VGG19 and InceptionV3	Preet Singh, Taniya Hasija, KR Ramkumar
03.15 pm	BCS 4053	Age Prediction by Speech: A Machine Learning Approach Using a Common Speech Dataset	K E Narayana, R Surekha
03.30 pm	BCS 4057	Hybrid GCN-LSTM Framework for Enhanced Schizophrenia Diagnosis: Integrating Spatial and Temporal Insights from Brain Connectivity Data	Anitha.R, Hemalatha.M
03.45 pm	BCS 4058	Adaptive Multi-Layer Ensemble Learning (Amel) for Robust and Accurate Predictive Modeling in Big Data Analytics	Pranesh Saminathan
04.00 pm	BCS 4062	Deep Learning Classifiers for Multi-Class Classification of Medical Images using Chest X-Ray Scans	Talapaneni Jyothi, Bipin Bihari Jayasingh, Thatikonda Radhika, A. Soujanya
04.15 pm	BCS 4066	Enhancing Mammal Conservation Through Automated Species Classification Using Deep Learning	Avula Divya, Kaki Rajesh, Garikapati Yaswanth Babu and Sujatha Kamepalli
04.30 pm	BCS 4067	Predictive Analytics Model for Heart Disease: Leveraging Machine Learning Techniques	B. B. Jayasingh, B. Satheesh Kumar, A. Mallareddy
04.45 pm	BCS 4068	Revolutionizing Air Quality Forecasting in Bengaluru with Advanced Machine Learning Techniques	A. Neeraja, Ch. Mounika Begum , K. Vigneswara Reddy, T. V. Smitha, N. Neelima
05.00 pm	BCS 4077	Machine Learning Approaches for Underwater Object Classification using Sonar Data	Sowmya B J, Swathi Mugada, Swetha B N and Vijaya Kumar B P
05.15 pm	BCS 4081	Early Detection of Autism Spectrum Disorder in Pediatric Populations using Facial Feature Analysis	Akshitha Yadav. B, Rupa. Ch, Sushma Sri. K

**Session 07: CS07(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/dxy-eurk-ezx](https://meet.google.com/dxy-eurk-ezx)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 4088	Comparative Analysis of Encryption Approaches for Mitigating IoT Network Attacks: Evaluating Performance and Security Metrics	Lordwin Cecil Prabhakar M, Suresh P, Saravana Ram , Daisy Merina R
03.15 pm	BCS 4090	Ranking Psychological Risk Factors Among College Students Using Interval-Valued Picture Fuzzy Set with Various Operators and MCDM Techniques	Prabakaran R
03.30 pm	BCS 4091	Stock Market Prediction Using Stock Chart Images with Convolutional Neural Networks (CNNs) and Long Short-Term Memory (LSTM) Networks Enhanced by Deep Q-Learning	Mala K, Harish G N, Pradeep M & Harshith T C
03.45 pm	BCS 4095	Evaluation of Platelet Counts and Associated Factors using Statistical Methods	Palamalai Dinakaran, Anirudh Rajkumar, Narmadha Mohan, Saravanan Parthasarathy, Vaishnavi Jayaraman
04.00 pm	BCS 5005	Migraine Prediction Method Using Feature Selection with Hybrid Optimization Method	Tushar Choudhary, C Kunal
04.15 pm	BCS 5011	Transparent Ensemble Deep Learning for Intrusion Detection in Industrial Internet of Things	M Sneha, Prasad G R
04.30 pm	BCS 5014	Minimizing Processing Time with Walk-Based Job Assignment in Union Graphs	Sarika.S.G, Manjusha.R
04.45 pm	BCS 5017	Adoption of digital platforms and AI tools on Sustainable Procurement using Extended technology acceptance model	Suchith B, Dr.Ganesha KS
05.00 pm	BCS 5024	Deep Learning-Based Stroke Recognition System for Table Tennis Players	Bonala Mahesh, Pappathi.T, K. Mahash, K. Vishnuvardhan Reddy, N. Balaji Naik, L. Marina
05.15 pm	BCS 5025	Automated Object Detection and Recognition in Satellite Imagery Using CNNs	Shanthy H J, G. Shobana, E.Kamalanaban, J.Senthil Murugan, S. Nandhinieswari, R.Stalinbabu

**Session 08: CS08(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

**Session Link:** [meet.google.com/chk-vbxv-smt](https://meet.google.com/chk-vbxv-smt)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 5026	Cloud-Based Intelligent Patient Triage Systems with SVM Classifiers for Emergency Departments	N V Shibu, Sujatha M, M. Xavier Suresh, K. Sindhuja, T Saju Raj, C. Srinivasan
03.15 pm	BCS 5027	Cloud-Enabled Predictive Vehicle Health Monitoring and Maintenance with LSTM Networks for Time-Series Analysis	Viyapu Lokeshwari Vinya, K. K. Manivannan, S. K. Manivannan, C. Sathiyamoorthy, M. Jagadeeswaran, B. Meenakshi
03.30 pm	BCS 5030	Analyzing Running Patterns in Track and Field Events Using Deep Learning	M. S. Jayachandran, Pandian T., B. Shasiraj, L. Marina, N. Balaji Naik, T. Parasuraman
03.45 pm	BCS 5033	Real-Time Alerts and Dust Level Forecasting in Coal Mines using IoT and AdaBoost Algorithm	Palaniraj Rajidurai Parvathy, John Benito Jesudasan Peter, J Gnana Jeslin, P. Epsiba, Subramani Roychoudri, S. Murugan
04.00 pm	BCS 5048	Statistical and Machine Learning Perspectives on Exoplanets Prediction and Classification	M. Yagnasri Priya, Sanjivani P. Shendre, Samrudhi S. Kamble, Swetha Sridhar, Sarada Jayan
04.15 pm	BCS 5049	Optimizing Cybersecurity: Leveraging Support Vector Machines for Real-Time Threat Detection	Ankit Kumar Dubey, Rohit Kumar Dubey, Anil Shukla, Poornanand Dubey
04.30 pm	BCS 5055	On the Graph Join of Two Graph Classes of SSP Graphs	R. Mary Jeya Jothi, D. Angel, Emalda Roslin
04.45 pm	BCS 5056	Comparative Analysis of DFT, DCT, and DWT Transformations with ADMM and l1-Optimization for Compressed Sensing in Meningioma Tumor MRI Image Reconstruction	Advik Narendran, Anantha Hothri, Hemanth Saga, Sarada Jayan
05.00 pm	BCS 5063	Enhancing Product Review Authenticity Detection with Ensemble Learning and BERT Model	Indusree Ramachandrani, Sourav Mondal, Naga Venkata Mani Charan Jaladhi, Modukuri Sai Vyshnavi, Venkata Sai Sudheer Kumar Batchu, Debnarayan khatua
05.15 pm	BCS 5069	Predictive Analysis of Liver Disease Using Random Forest Machine Learning Algorithm	Vetrithangam D, Nallabariki Praveen Kumar, Neha Arya, Amrita Tiwari, G Jaya Raju, Gollapalli Veera Satya Srinivas

**Session 09: EC01(ONLINE)**

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

**Session Link:** [meet.google.com/axv-nuzj-ifc](https://meet.google.com/axv-nuzj-ifc)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BCS 1053	Design and Investigation of Prime Length Non-Identical Entropy Source for True Random Sequence Generation Using CMOS 180nm Technology	Sivaraman R, Santhosh R, Muthaiah R, Sowmiya Narayana S, Muralidharan D
03.15 pm	BCS 7015	Implementation of a Low power Instrumentation Amplifier for Bio-Medical Applications	Pavankumar Bikki, K Alekhya, K Manjusha, K Chaitrika, K Krupalaxmi and K Vinay Reddy
03.30 pm	BEC 1002	Comparison of Approximate Multipliers for Optimized Power and Area	Y Harsha Vardhan, A Madhumitha, Dhanush P Kumar, Kirti S.Pande
03.45 pm	BEC 1038	Analysis of Smart Waste Collection System and Internet of Things Based Garbage Segregator and its Applications	Mohammad Nasiruddin, Savitha A L, G Santhosh Kumar, A. Nirmal Raj, Pranav Kodali, G.Ramakrishnaprabu, G.Ramachandran,
04.00 pm	BEC 1041	Exploring Sleep Behavior: Sleep Staging Analysis of Brain EEG Signals Using Machine Learning Model	Jaynil Joshi, Rajesh Kumar Mohapatra, Nibedita Das, Suren Kumar Sahu, Hari Kishan Kondaveeti and Santosh Kumar Satapathy
04.15 pm	BEC 1056	IRS-assisted UAV Communications for smart applications	J. Arun Kumar, R. Sathesh Raaj, V Lalitha Sri Harshini, Vellaturi Ramya, Degala Durga Rajendra
04.30 pm	BEC 1058	Analysis of Electrical characteristic of PVA/ Zndust ionic membrane for the application of biomedical	Poonam Raturi, Varij Panwar, Pankaj Kumar
04.45 pm	BEC 1060	Comparative Analysis of aerial image segmentation using U-net with customized encoder and decoder networks	Prithvi P, P Perin Kumar
05.00 pm	BEC 1067	Event analysis of functional near infrared spectroscopy brain signal using Conditional Generative Adversarial Network	V.Akila, Shirly Edward.A, R.Sathiya, A.Vasuki, Priti Rishi Anju M.I J.Anita Christaline
05.15 pm	BEC 1071	Design and Analysis of Microstrip Patch Antenna for Ultra-Wideband Applications	Y.Rambabu, K.Premchand, K.Harsha, P.Jahnavi

## Session 10: EC02(ONLINE)

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/yxu-upip-hvw](https://meet.google.com/yxu-upip-hvw)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BEC 1079	Innovative AI Convolution Filter Techniques for Corneal Endothelium Dystrophy Imaging	Kamireddy Vijay Chandra
03.15 pm	BEC 1080	Specular corneal endothelium dystrophic image analysis with Artificial Intelligent convolution filter (AICF)	Kamireddy Vijay Chandra
03.30 pm	BEC 1083	Recurrent Neural Network-Based Dynamic Cooling Adjustment for Energy-Efficient Air Conditioning with IoT Sensors	V. Sujatha, S. Shanthi, P. Sudha Juliet, S. Muthumarilakshmi, N. Latha, N. Mohankumar
03.45 pm	BEC 1084	Impact of AlGa <sub>N</sub> Barrier Composition on Enhancement-Mode GaN HEMTs on Ultra-Wide Band Substrate for RF Applications	Ramkumar Natarajan, Sivamani Chinnaswamy, P.Murugapandiyam, N.Vigneshwari, Nirmala Devi K, B. Vamsy Krishna
04.00 pm	BEC 1091	Vedic Multiplier Based 32 Bit MAC Unit Using Nikhilam Sutra and Urdhva Triyakbhyam Sutra with Different Adders	G. Priyanka, N. Gireesh, S. Hemachandra
04.15 pm	BEC 2008	Design and Implementation of Basic and Universal Logic Gates Using Quantum-Dot Cellular Automata (QCA)	Lavanya B L, Durga Prasad
04.30 pm	BEC 2011	Quaternary Logic Circuit Designs using GNR <sub>FETs</sub>	Eerapogu Daniel Raju, B.Ravi Chandra
04.45 pm	BEC 2012	Amplitude Excitation Analysis of Uniform and Non-uniform Structured Microstrip Patch Antenna for High Frequency ISM Band at 24 GHz for Surveillance Applications	K. Priethamje Vithya, L.M.Varalakshmi
05.00 pm	BEC 2013	Power Quality Disturbance Detection in Hybrid Wind-SPV Plants using Deep learning approaches	Mahendra Peruman P, Ayyar K
05.15 pm	BEC 2014	An Efficient Sparrow Search Algorithm based Clustering and Energy Efficient Opportunistic Routing Protocol (EEOR) for Wireless Sensor Network	Ramkumar Natarajan, S.Ramalingam, M.A.Amarnath, P.Tamil selvi, Boopathy.S, S.Ravi

## Session 11: EE01(ONLINE)

Date: 24.10.2024

Time: 03.00 pm to 05.30 pm

Session Link: [meet.google.com/hqn-jgvr-upr](https://meet.google.com/hqn-jgvr-upr)

Time	Paper ID	Paper Title	Author(s)
03.00 pm	BEE 1015	Analysis of Silicon Germanium Core Shell Based Junctionless Gate All Around Mosfet	Vanita Mehta, Sandeep Kumar Arya, Rajiv Sharma
03.15 pm	BEE 1024	Simulation study of Load Frequency Control using Particle Swarm Optimization for Single Area Power System	Lavish Soni, D.K. Sambariya
03.30 pm	BEE 1037	A Comprehensive Investigation of Development of Intelligent Decision-Making System for Detection and Recognition of Alzheimer Disease	R.Sathish, Dr.R.Muthukumar, S.Karthikkumar
03.45 pm	BEE 1048	IoT Based Real-Time Moisture Management in Fabric Drying Processes	Chitra Sabapathy Ranganathan, Arshadh Ariff Mohamed Abuthahir Riazulhameed, S. Saravanan, N. Mohankumar, M. Rajmohan, S. Murugan
04.00 pm	BEC 2049	Advanced Prediction of Supply Faults in Three-Phase Induction Motors using Integrated Leakage Flux and Thermal Imaging with Machine Learning Methods	Ruchira Patole, Trilochan Panigrahi, Lalat Indu Giri
04.15 pm	BEE 1064	Dual Active Bridge converter for EV Charging Applications	Spoorti N Pattanashetti, Tunga S Kulakarni, Srushti B Rajamani, Laxmi Arer, A.B Raju
04.30 pm	BEE 1070	Smart Control for Solar PV-Grids to Enhance Power Quality using Deep Neuro Auto Inverter Model	S.Sudharani , D. Godwin Immanuel
04.45 pm	BEE 1071	SoC Estimation and Comparative Analysis of Lithium Polymer and Lithium-Ion Batteries in Unmanned Aerial Vehicles	Sri Chaithanya Mathi, Deepa K
05.00 pm	BEE 1078	Machine Learning Models for daily AQI Prediction: An In-depth Analysis	Gaurav Narkhede, Ajit Deore, Bhavika Kolte
05.15 pm	BCS 2088	Development of Controller for Electric Wheelchair using Pressure in Front of Mouth and Cheek Sensors	Savita Sondhi, Davrell Mylka Jowkins, Sukrit Birmani, Kenneth William Santoso, Ashok Salhan, Maria Susanti, Heri Ngarianto, Widodo Budiharto

## Session 12: ICICEC\_CS01(OFFLINE)

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Venue: Venue: Placement Seminar Hall, Mechanical Dept.4th Floor, BIET, Davangere

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 2057	Enhancing Alzheimer's Disease Prediction through Deep Learning Models: A comparative Study of GoogLeNet, LeNet and UNet	Shaik Muskan Firdos, Mohammad Zaiba Mehack, Syed Aneesha Muskan, A.Bibi Nadeefa
09.45 am	BCS 3074	Agricultural Practices: Deep Learning for Vegetable Classification	Ruchitha Jillelamudi, Sai Suchitra Tarimella, Indu Kotha, Niharika Peruri, Sujatha Kamepalli, Anjana Chekuri
10.00 am	BCS 4065	Evaluating Deep Learning Models for Accurate Pneumonia Diagnosis from Chest X-Rays	Venkatagopi Narne, Revanth Kumar Ranagani, Leo Sowneshwar Reddy Mandu, Bala Anand Raj Samineni, Sujatha Kamepalli
10.15 am	BCS 2030	Advanced Deep Learning Approaches for Detecting Real and Fake Images	Venkatagopi Narne, Druthiksai Chinta, Rushieswar Kataru, Sujatha Kamepalli
10.30 am	BCS 5091	An Effective Noise Removal Technique for Enhancing Ischemic Brain Stroke Computed Tomography Images	Puneeth S P, Poornima B, PremaSudha B.G, Patil N S, Puneetha B H, Ranjana B. Jadekar
10.45 am	BCS 3078	Deep Learning Approaches for Egg Crack Detection: A Comparative Study Using CNN, ResNet, and Xception Models	Kuruva Vamsi, Bommisetty Swathi, Kolisetty Vijay and Sujatha Kamepalli
11.00 am	BCS 7937	Advancements in EEG-Based Emotion and Consciousness Recognition: Techniques, Challenges, and Innovations	Ranjana B Jadekar , Poornima B , Gowamma B H,Puneeth S P
11.15 am	BEE 1041	Investigation of Energy Harvesting System Using Hybrid Solar Panel	Revathi Chavan, Rohit Sanjeev Shetti, Rakshith S., Bommegowda K. B., and Anil Kumar Bhat
11.30 pm	BCS 2002	Enhanced Brain Tumor Detection with Deep Learning: A Comparative Study of CNN, VGG16 and ResNet Models	Yogitha Vellanki, Sriharika Popuri, Lakshmi Yasaswi, and Sujatha Kamepalli
11.45 pm	BCS 5057	Wavelet-Based Hybrid Ensemble Forecasting for Accurate Web Traffic Prediction	Manoj Kumar M V, Prashanth B S, Puneetha B H, Sneha H R, Patil N S, Ranjana B J
12.00 pm	BEC 2010	Edge AI based Arecanut Plant Disease Classification System	Siddesh K T, Kotru Swamy S M, Shankargowda B B

### Session 13: CS10(ONLINE)

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/jai-umwk-mqj](https://meet.google.com/jai-umwk-mqj)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 5096	Telecom Customer Churn Prediction using enhanced Machine Learning Classification Techniques	Goldy Verma
09.45 am	BCS 6007	Enhancing Learning Experiences AR Applications in Medical Education	Lav Soni, Amanpreet Kaur, Vidhu Baggan
10.00 am	BCS 6009	ResNet50: Deep Learning Method for Automated Detection of Banana Leaf Spot Diseases	Parul Nasra, Sheifali Gupta
10.15 am	BCS 6013	Comparative Analysis of CNN and Pre-Trained VGG16 Model for Gender Classification	Seerat Singla , Rupesh Gupta
10.30 am	BCS 6022	IoT-POT: Machine Learning-based Detection of Mirai Botnet Attacks in IoT	Anshika Sharma, Himanshi Babbar, Amit Kumar Vats
10.45 am	BCS 6033	Hybrid Ensemble Learning with Explainable AI for Anomaly Detection in Network Traffic	Anurag Gupta, Ajay Kumar Phulre, Adarsh Patel, Rizwan Ur Rahman
11.00 am	BCS 6041	A Novel CNN Approach for Accurate Breast Cancer Diagnosis	Rahul Singh, Neha Sharma, Aakriti Shory
11.15 am	BCS 6050	Throughput analysis of IoT enabled intra vehicular wireless network	Dhruv Kumar Soni, Kunal Thakur, Ashu Taneja
11.30 pm	BCS 6052	Enhancing performance of in-vehicle network protocols for intelligent transportation	Kunal Thakur, Dhruv Kumar Soni, Ashu Taneja
11.45 pm	BCS 6059	Integrated IoT and Random Forest Algorithm Solutions for Agricultural Waste Management and Biomass Valorization	Pramod Pandey, K. Sindhuja, D. Muthukumaran, C. Kamalesh Kanna, T Saju Raj, S. Srinivasan

**Session 14: CS11(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/qke-okks-him](https://meet.google.com/qke-okks-him)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 6080	Lung Cancer Classification Using Machine Learning	Ravi Kumar Sachdeva, Priyanka Bathla, Pooja Rani, Rohit Lamba, G S Pradeep Ghantasala, Rajesh Sharma R
09.45 am	BCS 7003	Facial Sentiment Analysis: Enhancing Emotion Recognition Through Advanced Convolutional Neural Network Architectures	Daruru Sarika, Palepu Suresh Babu, Potladurthy Suresh Babu, Pasala Gopi, S.Venkateswarlu, P.B. Chennaiah
10.00 am	BCS 7004	Price Negotiator E-Commerce Chatbot System Using NLP	Daruru Sarika, Palepu Suresh Babu, Potladurthy Suresh Babu, Pasala Gopi, S.Venkateswarlu, P.B. Chennaiah
10.15 am	BCS 7010	Enhancing Gemstone Classification Accuracy: A Deep Learning Approach Using CNN, VGG-19, and Xception	Mani Salya Kumar Nadimpalli, Karthik Madhukiran Baleboyina, Yasaswi Durga Vundavalli, Tej Tarun Tummalapenta, Sujatha Kamepalli
10.30 am	BCS 7013	Skin Disease Classification using VGG-16 model optimized ADAM, GD, RMSprop and YOLOv8	Chakka Subrahmanya Sresti, Sibyala Hemanth Sai, Vellala Bhavaharnath Sharma, Prijimol V.B, Sarada Jayan
10.45 am	BCS 7014	Interactive Display system for Spatial content Exploration in Museums	Shatadal Ghosh, Arafat Ali Mondal, Anurag Kumar , Manash Bagchi, Arnab Chatterjee, and Kunjal Grover
11.00 am	BCS 7027	Plant Disease Detection and Fertilizer Recommendation using CNN	Sushil Kumar Mishra, Kartikeya Vinay Deepak Jakkinapalli, Nitin Chanda, Revanth Ganta, Nithin Linga, Pooja Charupalli
11.15 am	BCS 7045	High Utility Item Set Mining in Transactional Data using a Deep Learning Model with Particle Swarm Optimization	G.N.Sowjanya, M.Babu Reddy
11.30 pm	BCS 7048	Next-Gen Mental Health Detection through Deep Learning and NLP in Social Media	Jagan. A, Senthil Kumar D, S.Karunakaran, Nageswari D, Regina Shoba Dass, J.Seetha
11.45 pm	BCS 7051	Optimizing Minimum Spanning Tree Algorithm for Efficient Graph Processing in Big Data	S. Rani, R. Roseline, N. Mohankumar, A. Clementking, A. Arokiaraj Jovith, S. Sujatha

**Session 15: CS12(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/isq-ckmv-vkr](https://meet.google.com/isq-ckmv-vkr)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 7052	IoT-Driven Telepresence Robots for Telemedicine using AI for Improved Patient Interaction	Chitra Sabapathy Ranganathan, D.Sethuraman, M.A.Manivasagam, Soundharya.K , T.Yuvaraj, M. Rajmohan
09.45 am	BCS 7057	Identification and Prediction of Sugarcane Diseases using Convolution Neural Network	Paras Jain, Garima Sharma, Himanshu Jindal, Monika Bharti, Vishan Kumar Gupta, Mukesh Kumar Singh
10.00 am	BCS 7060	A Deep Learning based Image Processing Technique for Early Lung Cancer Detection	Aman Bhatt, Kireet Joshi, Paras Jain, Vishan Kumar Gupta, Vidisha
10.15 am	BCS 7061	A Comprehensive Examination of Consensus Algorithms and Their Impact on Blockchain Scalability	M Veera Brahmam, Y Laxmi Prasanna, V T Ram Pavan Kumar M, Kanneboina Ashok, K V S S R Murthy, S Sindhura
10.30 am	BCS 7065	Predicting Accident-Prone Zones Using Machine Learning: A Web Application Approach	M. Shyamala Devi, Roshni K, Shamili R
10.45 am	BCS 7068	Custom Transformer-Based Approach for Enhanced Bengali Automatic Speech Recognition	Deepa R, Jayalakshmi V, Thilakavathy P, Manikandan G, Surendran R
11.00 am	BCS 7069	Advanced Image Processing and Feature Extraction Approaches For Detecting Wheat Yellow Rust Disease	Komal Mishra, Kawaljit Kaur
11.15 am	BCS 7070	Optimizing the Powerhouse: Fine-Tuning CNNs for Superior Lung Disorder Detection	Rama Krishna Eluri, Pentyala Tanuja, M. Venkat Rao, Vutla Lavanya and M. Mokshagna
11.30 pm	BCS 7071	Improving Early Detection of Diabetic Retinopathy: A Hybrid Deep Learning Model Focused on Lesion Identification	Rama Krishna Eluri, Y. Gnaneswar Reddy, Karunakumar. Valicharla, K. Divya Prakash and B. Sudheer
11.45 pm	BCS 7078	Exploring Deep Learning Approaches for News Classification with CNNs, RNNs and Transformers	Gowripushpa Geddiam, Gangu Dharmaraju, Gottala Parameswara Kumar, Mahesh Babu Ketha, .A.Lakshmanarao

**Session 16: CS13(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/xks-dyum-uvv](https://meet.google.com/xks-dyum-uvv)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 7079	Overcoming the Obesity Epidemic: A Deep Learning Approach for Adolescent Prevention	Gaddam Saranya, Ammireddy Srilatha, R.Satheeskumar, Chinni Indravati and Sripati Chandana
09.45 am	BCS 7081	Integrating Deep Learning for Reliable Tyre Defect Classification in Automated Systems	Preet Singh, Taniya Hasija, K. R. Ramkumar
10.00 am	BCS 7082	Classification of MRI Brain Tumor with Hybrid VGG19 and Ensemble Classifier Approach	Zahid Rasheed, Yong-Kui Ma, Salil Bharany, Inam Ullah, Farhad Ali, Gunjan Shandilya
10.15 am	BCS 7086	Adaptive Intrusion Detection in CAN-Based Vehicular Networks Using Transfer Learning for Evolving Threats	Dodda Venkatareddy, K. V. Narasimha Reddy, Shaik Yalavarthi Ijaz Ahamad, Sinde Venkata Saptha Girish, Tammisetti Nagendra Babu
10.30 am	BCS 7087	Explainable Fetal Ultrasound Classification with CNN and MLP Models	Dodda Venkatareddy, K.V.Narasimha Reddy, Yendluri Sowmya, Yarlagadda Madhavi, Shaik Chandasmi, Sireesha Moturi
10.45 am	BCS 7094	Data-Driven Lung Cancer Staging: Integrating Clinical Parameters and Molecular Insights for Accurate Detection	M.S.Praavin Kumar, Sanjay. J.K, Rahul Narayanan, C.Jothi Kumar
11.00 am	BCS 7095	Big Data Graph Node Importance Using Page Rank	R. Roseline, B. Vasudevan, A. Clementking, S. Rani, T Sivakumar, C. Srinivasan
11.15 am	BCS 8000	Effective Driver Fatigue Management and Prevention Using Cloud-Integrated RNN Models	Sujata Manish Arya, Ramakrishnan Raman, Gordhan Jethava, M. Vadivel, Sundaram Arumugam, S. Murugan
11.30 pm	BCS 8001	Dynamic Road Sign Recognition for Advancing Safety with AI and IoT Technologies	Chitra Sabapathy Ranganathan, Mothiram Rajasekaran, P. Sathyanathan, K. Balachander, N. Mohankumar, C. Srinivasan
11.45 pm	BCS 8003	Predicting Air Pollution Particulate Matter Levels in India using Weighted Ensemble Learning Method	N.Susmitha, G.Pavani
12.00 pm	BCS 8071	Strategic Defense Post Allocation Using the Corona Cover Set for Enhanced Military Zone Security	Niveditha. P, G. Mahadevan, C. Sivagnanam

## Session 17: CS14(ONLINE)

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/crt-skov-owi](https://meet.google.com/crt-skov-owi)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 8009	Enhancing Efficiency in Drain Cleaning Operations Using K-Nearest Neighbors Algorithm with IoT-Enabled Robots	Chitra Sabapathy Ranganathan, Kuppan Vijayalakshmi, S. Kalaichelvi, E. Sivanantham, T. R. Ganesh Babu, S. Murugan
09.45 am	BCS 8013	Leveraging Deep Learning for Enhanced Pneumonia Detection in Chest X-Rays.	Shaik Khaja Mohiddin Basha, Pogula Sai Sri Varsha, Sankuru Sai Latha, Vemula Sireesha, Syed Rizwana
10.00 am	BCS 8015	IoT-Based Humidity Sensing and Control in Smart Hospitals k-Nearest Neighbors for Infection Control and Patient Comfort	K. Bhagya Laxmi, John Benito Jesudasan Peter, P.Rajalakshmi, K. Dhivya, Nilamadhab Mishra, S. Srinivasan
10.15 am	BCS 8016	Advanced Resource Mapping in Coal Exploration using IoT Sensor-Based Drilling Systems with SVM Integration	N. Ganesh Kumar, P. Rajalakshmi, K. Dhivya, Balachandra Pattanaik, G. Suresh, S. Srinivasan
10.30 am	BCS 8020	YOLOv3 Based Deep Learning Model for Weapon Detection	Sejal Bodade, Lokesh Heda
10.45 am	BCS 8022	Cloud-Powered Predictive Analytics for Illegal Dumping Detection and Enforcement with Random Forest Algorithm	Chitra Sabapathy Ranganathan, Mothiram Rajasekaran, R.Meenakshi, Sivanesan T M, T. R. GaneshBabu, S. Murugan
11.00 am	BCS 8023	Mindful Breathing Coaches Using IoT-Integrated AI Systems for Personalized Anxiety Relief	P.K.Dhal, T Sivakumar, B. Vasudevan, V.T.Lakshmi, Baskar Muthaiyan, S. Murugan
11.15 am	BCS 8024	Real-Time Price Elasticity Analysis in Retail Using IoT and Machine Learning	Chitra Sabapathy Ranganathan, Mothiram Rajasekaran, R.Meenakshi, Arul Prasath A, T. R. GaneshBabu, S. Sujatha
11.30 pm	BCS 8027	Optimizing Production Line Operations Using Cloud-Based LSTM Forecasting Techniques	Bindu S. Ronald, Ramakrishnan Raman, Rachit Advharyu, P. Sudha Juliet, S. G. Rameshkumar, S. Sujatha
11.45 pm	BCS 8028	Improved UNET Architecture for Effective COVID-19 Severity Prediction from Pulmonary CT Images	M.Ramla, R.Anita Jasmine, M.Ramesh, Femilda Josephin Joseph Shobana Bai
12.00 pm	BCS 4087	Skin cancer classification: A comparative analysis of ResNet 50 and Hybrid model(Xception+Efficient Net+GCN)	Kamireddy Vijay Chandra, S.Bhargav, K.Sudha Rani, C.V.Rambabu, Poornaiah Billa

## Session 18: CS15(ONLINE)

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/qxh-dqzb-ndo](https://meet.google.com/qxh-dqzb-ndo)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BCS 8030	Leveraging CNN and AlexNet Algorithms for Improved Coffee Leaf Disease Identification and Detection	Pranitha Sree, Surendran R, Raveena Selvanarayanan
09.45 am	BCS 8032	SmartChunk: A hybrid content based chunking algorithm with hash de-duplication for effective data deduplication in cloud storage system	Richa Arora, D Vettrithangam
10.00 am	BCS 7049	Malware image Classification using deep Learning Approaches	Sai Harshith Yaddala, Monika P,C jyothiKumar,Ashokkumar
10.15 am	BCS 8034	Integration of Gradient Descent Optimized Polynomial Regression with Neural Networks in Remaining Useful Life of Lithium ion Batteries	Keren Persis P, Vipul H. Kondekar, Sankaran D, Suresh kumar K
10.30 am	BCS 8036	Feature Space-Based Mammogram Image Analyse Using Decomposition Method	Nazma Sultana Shaik, Hemanta Kumar Bhuyan
10.45 am	BCS 8046	Efficient Remote Rehabilitation and Physical Therapy Management using Decision Trees and IoT Technology	A. Sairam, Raveendra N Amarnath, Parthiban Veda, R. Priyadharshini, T. R. GaneshBabu, B Meenakshi
11.00 am	BCS 8047	Cloud-Based CNN Models for Automated Pulmonary Disease Diagnosis and Risk Assessment	M Maria Sampooram, Gurumoorthi Gurulakshmanan, Satheeshkumar Sekar, MD Ashfaquul Hasan, T. Geetha, S. Srinivasan
11.15 am	BCS 8054	IoT Infrastructure Maintenance: Autonomous Robotics with LSTM-Based Anomaly Detection and Predictive Maintenance	Chitra Sabapathy Ranganathan, MD Ashfaquul Hasan, Palaniraj Rajidurai Parvathy, S P Vimal, S.Karthikeyan, S. Srinivasan
11.30 pm	BEC 2081	Cloud-Based Predictive Modeling of Energy Expenditure from Wearable Data using Random Forests	M. Vadivel, Rajeshkumar Sampathrajan, Balaji Madhavan, G. Suresh, E. N. Ganesh, S. Srinivasan
11.45 pm	BEE 1056	Optimizing Multiple Sclerosis Detection through ResNet Feature Fusion and SVM Classifier	Jyoti Kumari, Santi Kumari Behera, Ashoka Kumar Ratha and Prabira Kumar Sethy
12.00 pm	BEC 2000	Skin cancer classification: A comparative analysis of EfficientNet and Hybrid model(Xception+fficient Net+GCN)	Kamireddy Vijay Chandra, C.V.Rambabu, S.Bhargav, K.Sudha Rani, Poornaiah Billa

**Session 19: EC03(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/vta-qsoi-qva](https://meet.google.com/vta-qsoi-qva)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BEC 2024	Advancing Imperceptible Data Hiding: A Novel GAN-Based Framework for Robust and High-Capacity Steganography in Digital Media	Gidla Sudheer Babu, Gubbala Asha, K Sridevi, K Soni Sharmila, Pushpa P, K Ramesh Chandra
09.45 am	BEC 2027	Path Planning of Robots Using Classical Reinforcement Learning Approach	Harika Pudugosula, Sreeja Kochuvila
10.00 am	BEC 2037	AI-Driven IoT Framework for Vehicle Accident Avoidance and Detection with Cloud Integrated Energy Efficient Solutions	G Roopini, Nagraj Rao P P, Dankan Gowda V, Balaji Shesharao Ingole, Shatrudhan Pandey, S Hema Chandra
10.15 am	BEC 2038	Optimizing IoT-Based Healthcare Systems with Scalable AI and Machine Learning Using Cloud Platforms	Dankan Gowda V, Balaji Shesharao Ingole, Suvidha Agarwal, Prafulla P S, Srinivas.D, Gajanethi Swathi Kumari
10.30 am	BEC 2041	Mutual Gain Genetic Deep Learning Approach for Effective Prediction of Meninges	Harsh Thakur, Anuj Gupta
10.45 am	BEC 2044	Exploring SVM Kernel and Voting Classifiers for Malware Classification in Android Permission Systems	Gurdeep Singh, Sonam Mittal, Preet Singh
11.00 am	BEC 2046	AI-Based Detection of Different Stages of Lung Cancer Using MRI/CT Imaging	Shaik Sandeep, Kannan Ramakrishnan, Katta Murali
11.15 am	BEC 2056	Hardware Power Consumption and Thermal Management of Two's Complement on Zynq Board	Gurdeep Singh, Amanpreet Kaur
11.30 pm	BEC 2060	Anomaly Detection in Pedestrian Walkways using Imperialist Competitive Algorithm with Deep Learning on Remote Sensing Images	Ch. Gangadhar, K.Swathine, E.Kamalanaban, J.Senthil Murugan, Swagata Sarkar, Sangeethaa SN
11.45 pm	BEC 2061	Toxic Chat Synthesis, Reporting and Removing in Social Media using Hybrid Deep Learning Model	Prithvi P, Abhijith A B
12.00 pm	BEC 3001	Study and Experimental Analysis of FIR Hardware Architecture for Real-time Multimedia Applications	Anuraj V, Dhandapani Vaithyanathan

**Session 20: EC04(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/xoh-jjce-vcb](https://meet.google.com/xoh-jjce-vcb)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BEC 2062	APMVU: Exploit Pentesting of User Account Settings with Arduino-Based Pro Micro USB and Microcontroller	Peddinti Lalithaditya, Mendu Venkat Somanadh, Pritam Rani, Prity Rani, Rohit Kumar Sachan
09.45 am	BEC 2072	Numerical Simulation and Analysis of Temperature dependent Electrically Pumped Micro disk Lasers for Medical Applications	P Ashok, M Ganesh Madhan, C G Balaji
10.00 am	BEC 2077	Design and Analysis of Binary into Gray code converter using Cadence 180nm Technology	Varshini N, Siddeshwara Prasad V
10.15 am	BEC 2083	Performance Evaluation of Unsupervised Learning in Optimization of IOT- based Irrigation System	Sandeep Kumar Sunori, Shilpa Jain, Amit Mittal, Pradeep Juneja
10.30 am	BEC 2084	Enhancing Modulation Scheme with Efficient Decomposition Algorithm for Future SDR- Based Communication Systems	Deepa T, Aarshitha Prakash, M.Sherlin Jenifer , Adwaith Varma
10.45 am	BEC 2093	Design and Simulation of Dual Band Hexagonal Shaped Slot Antenna for 5G Wireless Applications	Bhavya Verma, Manas Tripathi, Bidisha Talukdar, Vaibhav Nagpal, Gaurav Kumar Soni, Dinesh Yadav
11.00 am	BEC 2095	Ka-Band Transmission Link Analysis for Earth-Mars Satellite Communications	Sivakrishna Manoj, Philius Mushahary and Rama Rao T
11.15 am	BEC 2096	Efficient Design of Precoded Multicarrier System using Software Defined Radio	Deepa T, Karnati Deekshith, Kuppam Sai Rahul, Bandi Navya
11.30 pm	BEC 2098	Time-Series Analysis for Mental Health Interventions using LSTM Support for Wearable Biofeedback Devices in the Cloud	V.Kannagi, Raveendra N Amarnath, R. Latha, Ojasvi Pattanaik, Azath Mubarakali, S. Srinivasan
11.45 pm	BCS 2073	Deep Learning Approach for Automated Skin Disease Diagnosis	Prashanth B S, Puneeth B H, Manoj Kumar M V, Bhavana RK, K Arshitha, Santhosh S, Puneeth S P, Sneha H R
12.00 pm	BCS 2074	Removing/Minimising Gaussian noise from real time CCTV footages using GAN	Prashanth B S, Puneeth B H, Manoj Kumar M V, Sreenivasa B R, Adyapadi Suraj, Akshay Prashant Hegde, Pranava Aithal K S

**Session 21: EE02(ONLINE)**

Date: 25.10.2024

Time: 09.30 am to 12.30 pm

Session Link: [meet.google.com/vss-wpvc-kju](https://meet.google.com/vss-wpvc-kju)

Time	Paper ID	Paper Title	Author(s)
09.30 am	BEE 1081	A7-Level Inverter for Grid-Connected Hybrid Renewable Systems	J N Bhanutej, G Gnaneshwar Kumar, Neelima Kalahasthi, Seetha Mahalakshmi Kanchiraju
09.45 am	BEE 1086	A Novel Dual switch-ML inverter with Reduced Components	S.Karthikkumar, A.Sheela, G.Ramani
10.00 am	BEE 1087	A Novel Auxiliary cell based Improved Quadratic High Gain DC-DC Converter with MPPT Control	S.Karthikkumar, A.Sheela, G.Ramani
10.15 am	BEE 1090	A Novel Buck Converter Topology with High Step Down Ratio with Continuous Input Current	Najla Kozhikoden, Mahi Teja Talluri, Korsu Sunil Kumar, V. Karthikeyan
10.30 am	BEE 1091	Design of an Optimised Multi-Stage Charging Approach for a Solar Tied Grid Connected Storage System for an EV Charging Station	Fida Subair, Mahi Teja Talluri, V. Karthikeyan
10.45 am	BEE 1092	Gravitational Search Algorithm with Deep Learning Enabled Short-Term Load Forecasting Scheme for Smart Grid Environment	Arivukkarasan Raja, Raguraman. D, Vineeth V V, E.Latha Mercy, Bindu K V, Sangeetha SN
11.00 am	BEE 1096	Power flow analysis in microgrid using Gauss-Seidel method	Sanitha Michail C, Rashmi M.R. , Vigna K. Ramachandaramurthy
11.15 am	BEE 1099	A Comparative Study of Gauss-Seidel, Fast Decoupled, and Newton-Raphson Methods for Power Flow Analysis in Microgrids	V. Thanuush, Rashmi M. R., Hoong Pin Lee
11.30 pm	BCS 1071	Enhancing Robotic Power Stability: A Single-Phase AC-DC Converter Approach with MATLAB-SIMULINK	Vibhu Sharma, Praveen Mounabhargav, Soumya S.
11.45 pm	BEC 2058	Performance Analysis and Composition Study of a Perovskite Tandem Solar Cell on Research Perspective	B. Anand, S. Pragaspathy, J. Jaya, V. Karthikeyan, Mahi Teja Talluri, S. Karthikkumar
12.00 pm	BEC 3002	Solar energy forecasting: A comparison on Regression and Artificial Neural Network models	Yash Kumar, Dhandhapani Vaithyanathan, Manish Verma