

TS-1

Date: 07th Mar 2025 Time (11:45 – 13:15)

Venue: Room A: **In-Person**

Session Chair: Dr. Robin Bhadoria

Session Co- Chair: Dr.R.Senthil Kumar **Mobile No.:** +91 +91 7904219703

ID	Title	e-mail	Authors	Presenter
A-01	<i>A Hardware Trojan Detection Using Machine Learning Technique</i>	yashijsl8@gmail.com	Yashasvi Jaiswal; S Harihara Sitaraman	
A-02	<i>A Novel Deep Learning Approach Utilizing HSV Color Space for Real-Time Early Fire</i>	Shoaib.al9@gmail.com	Md Shoaib Alam; Pankaj Rai; Rajesh Tiwari; Sharafat Hussain; Biresh Kumar; Abhishek Kumar	
A-13	<i>Deep Learning Enabled Secure IoT Module for Smart Agriculture in Diverse Environmental Conditions</i>	gd1076@myamu.ac.in	Shaharyar Alam Ansari; Salman Ali; Mohammad Luqman; Shahnawaz Ahmad	
A-15	<i>Deep Learning Techniques for Intrusion Detection Systems in Healthcare Environments</i>	mahfoozalam.amu@gmail.com	Mahfooz Alam; Priya Singh; Kaleemur Rehman; Zubair Ashraf; Bishwajeet Pandey; Aldasheva Laura	
A-22	<i>Enhanced Identification of Fraud in Credit Card Transactions Applying Machine Learning Strategies</i>	roshini_bugginni@srmapp.edu.in	Roshini Bugginni; Likhitha Sri Gandham; Parimala Shivani Mandava; Murali Krishna Enduri; Anupoju Tejaswi	

Report of Session Chair

Signature
Name of Session Chair:

TS-2

Date: 07th Mar 2025 Time (11:45 – 13:15)

Venue: Room B: **In-Person**

Session Chair: Dr Deepika Dubey

Session Co- Chair: Dr L.Velmurugan **Mobile No.**+91 96982 27440

ID	Title	e-mail	Authors	Presenter
B-03	<i>Building Secure and Decentralized Survey Methodology: a Comprehensive Solution With FIDO2 Authentication and Fluree</i>	pes2202100288@pesu.pes.edu	Jawahar Balachandher; Chandana Dongre; Somanshu Bhattacharyya; Rohit Hunashikatti; Sarasvathi V	
B-04	<i>CKKS Homomorphic Encryption Scheme for Financial Dataset</i>	bhawanadakhare@gmail.com	Bhawana S Dakhare; Lata L Ragha	
B-05	<i>Decentralised Cloud Architecture: Blockchain Driven Integrity and Raptor Codes for Enhanced Data Transmission</i>	pes2202100435@pesu.pes.edu	Preethi M; Pooja Satheesh; Ayush Kale; Harshitha R; Rohith Vaidya K	
B-08	<i>Dynamic Forensic Analysis of CryptBot Malware</i>	rizwan.ur@vitbhopal.ac.in	Rizwan Ur Rahman; Sanjipan Deb; Abanteeka Acharya; Priyanshi Panchal	
B-11	Hybrid Fake News Detection Model: Bagging and Logistic Regression Approach	2308390100061@reck.ac.in	Shivam Kumar; Naveen Kumar Tiwari; Abhishek Bajpai; Shashank Yadav	
B-16	<i>Network and Security Solution Using Jaya Algorithm-Based Graph Search for Drone Transportation</i>	pk_patel05@yahoo.com	Pramod Kumar Patel, Nikhat Raza Khan, Aishwarya Mishra, Akрати Agrawal, Archana Daravai	

Report of Session Chair

Signature
Name of Session Chair:

TS-3

Date: 07th Mar 2025 Time (11:45 – 13:15)

Venue: Room C: **In-Person**

Session Chair: Dr Aditya Singh Bias

Session Co- Chair: Dr R.Kanniya Raja **Mobile No.**+91 8925115201

ID	Title	e-mail	Authors	Presenter
B-17	<i>Privacy-Preserving Model for Cyber Threat Intelligence, Sharing Across Multi- Organizational Platforms</i>	shridhar.pandey2020@vitbhopal.ac.in	Shridhar Pandey; Azath H; Rizwan Ur Rahman; Hemraj Shobharam Lamkuche	
B-18	<i>Underpinning of Resource-Constrained IoT Networks: Analysis and Countermeasures for Attacks and Vulnerabilities</i>	usthakur9295@gmail.com	Umeshwer Singh; Manu Sood; Robin Singh Bhadoria	
C-03	A Fine-Tuned Deep Transfer Learning-Based Framework for Efficient MRI Brain Tumor Images Classification	anupampandeyggv@gmail.com	Anupam Pandey; Vikas Kumar Pandey; Alok Kumar Pandey	
C-11	Evaluating GNSS Spoofing and Jamming Attacks on UAV Navigation: Implementation and Impact	pes1202101311@pesu.pes.edu	Avinash D; Disha Harish; Abhishek A N; Anumula Balaji; Santhameena S	
C-22	<i>Video Trailer Generation Using Multimodal Data Analysis</i>	pes1202101262@pesu.pes.edu	Pranathi Praveen; Shreeja Rajesh; Prajna Rama Murthy; Nikhil Giridhar; Surabhi Narayan	

Report of Session Chair

Signature
Name of Session Chair:

TS-4

Date: 07th Mar 2025 Time (11:45 – 13:15)

Venue: Online

Session Chair: Dr Akhilesh Wao

Session Co- Chair: Dr Nancy Kumari **Mobile No.**+91 70117 45833

Meet Link: <https://meet.google.com/qrg-igsz-myt>

ID	Title	e-mail	Authors	Presenter
E-04	Design and Analysis of Quad-Band Slotted Antenna for Wireless Applications	ritesh.saraswat9@gmail.com	Ritesh Kumar Saraswat; Hareetaa Mallani; Archana Agrawal	
E-06	Design and Simulation of Metamaterial Microwave Devices for High Efficiency Wireless Applications	amitabhkumar57@gmail.com	Amitabh Kumar, Yogesh Kumar	
E-07	Design of Circular and Inverted Y-Shape Slot Loaded Dual Band Microstrip Patch Antenna for Wireless Applications	umeshchandragupta6328@gmail.com	Umesh Chandra Gupta; Hitendra Singh; Ramesh Kumar Verma	
E-08	Design of H-Shape Open Slot Loaded Dual Band Microstrip Patch Antenna for Internet of Things (IoT) and Fixed Satellite Service (FSS) Applications	ramesh85.ec@gmail.com	Ramesh Kumar Verma; Akanksha Gupta; Y K Sharma; Nishant Anand; Hitendra Singh	
E-09	Investigation on Different Array Configurations of Microstrip Antenna at 28 GHz	sou735rav@gmail.com	Sourav Bhattacharyya; Aritra Bhowmik; Karunamoy Chatterjee	
E-10	Low-Profile Multiband Circularly Polarized Antenna for Indoor/Outdoor Tracking and Sensing Applications	dixit.shivang2001@gmail.com	Shivang Dixit; Sachin Kumar; Unnati Pandey; Saksham Yadav	

Report of Session Chair

Signature
Name of Session Chair:

TS-5

Date: 07th Mar 2025 Time (11:45 – 13:15)

Venue: Online

Session Chair: Dr Rajesh Boghey

Session Co- Chair: Dr.L.Velmurugan **Mobile No.**+91 96982 27440

Meet Link: <https://meet.google.com/xqq-ojpt-xxa>

ID	Title	e-mail	Authors	Presenter
D-04	AI-Driven Channel Estimation Using Geo-Spatial Data With Modified DMRS	amit.munjal@thapar.edu	Amit Munjal; Ayush Kashyap; Amanpreet Kaur	
D-8	Attention Mechanism in Air Quality Prediction Using Long Short Term Memory	sowmyayani@gmail.com	Sowmyayani; V S Harilakshmi; J Kavitha; R Roselinkiruba	
D-9	<i>Characterization and Statistical Analysis of Beer Produced by Bacterial Strains Isolated From Traditional Fermented Foods of Northeast India</i>	debashreeborthakur92@gmail.com	Debashree Borthakur; Ranbir Chowdhury; Bipin Kumar Sharma	
D-10	<i>Coding Agents: a Comprehensive Survey of Automated Bug Fixing Systems and Benchmarks</i>	arakumar@adobe.com	Sai Kumar Arava; Sesha Sai Prasanna Chennupati; <u>Harsha Vardhan Puvvadi</u>	
D-14	<i>CropAI: Crop Disease Prediction and Growth Tracking Using AI</i>	appsкуруva@gmail.com	Kuruva Sree Sowmya; S Hupesh Naga Ketan; Mohebbba Naaz	
D-15	<i>Depression Detection on Social Media Posts Using BERT and Support Vector Machine</i>	harisshoaib99@gmail.com	Haris Shoaib; Rashid Ali; S. M. Shadab Khan; Mohd Adil	
D-17	Efficient Pathfinding in a Maze to Overcome Challenges in Robotics and AI Using Breadth-First Search	jayapandian.n@christuniversity.in	Jayapandian N, Sr; Abiya Biju; Gayathri MP; Alan Chris; Noeal Rajeev Thaleeparambil	

Report of Session Chair

Signature
Name of Session Chair:

TS-6

Date: 07th Mar 2025 Time (14:15 – 15:45)

Venue: Room A: **in Person**

Session Chair: Dr Rupesh Dewang

Session Co- Chair: Dr Sandip Mal **Mobile No.**+91 82493 55344

ID	Title	e-mail	Authors	Presenter
A-27	<i>Fair Price Prediction for Farmers: Leveraging Freshness of Perishable Goods Through Machine Learning and Sustainable Practices</i>	pes2202100371@pesu.pes.edu	Malavika V; Nikita Mabel M; Chantelle Dmonte; Mohammed Zaid; Lenish Pramiee J	
A-28	<i>Federated Learning for Kidney Disease Prediction Using Combined LSTM and MLP Models</i>	pathakanurag445@gmail.com	Anurag Pathak; Anshuman Pandey	
A-29	<i>Hybrid Machine Learning Approach Using Wingbeat Frequencies for Mosquito Species Classification</i>	shilpasc29@gmail.com	Shilpa Chaudhari; Pranav Kulkarni; Latha Kamatchi S; K Vadivel	
A-32	Intrusion Detection at the Edge Computing: a Deep Learning Approach Using the UNSW-NB15 Dataset	abhaypratap00@gmail.com	Vipin Kumar, Abhay Pratap Singh Bhadauria, Vivek Kumar, Jay Dixit, Amit Kumar	
A-38	<i>Novel Deep Learning Approach for Tooth Segmentation in Orthodontic Treatment Using STU-RestNet</i>	saurabh_au211616@aisectuniversity.ac.in	Saurabh Kapoor; Priti Maheshwary	

Report of Session Chair

Signature
Name of Session Chair:

TS-7

Date: 07th Mar 2025 Time (14:15 – 15:45)

Venue: Room B: In-Person

Session Chair: Dr. Robin Bhadoria

Session Co- Chair: Dr Gunjan Ansari **Mobile No.+91 88511 57709**

ID	Title	e-mail	Authors	Presenter
D-06	<i>An Ensemble-Based Approach for Imputing Missing Data</i>	2021et46sa@mitsgwl.ac.in	Samiya Alam; Aditya Dubey; Dhananjay Bisen	
D-11	<i>Collaborative Filtering Approach for Improved Recommender System by VADER and TextBlob</i>	jalalbashasyed@gmail.com	Jalal Basha; Vineela Shanti; V Abhinay; Koti Shalini; Shanmugasundaram Hariharan; Ravivarman Shanmugasundaram	
D-12	<i>Computational Model of Episodic Memory: Encoding, Recalling, Forgetting</i>	arvindjain98@gmail.com	Arvind Kumar Jain; Nupa Ram Chauhan; Rahul Shrivastava; Vivek Sharma	
D-13	<i>Cost-Balanced Adaptive Replica Server Cache Management Under Time-Varying User Request Density in CCDNs</i>	2018rcp9091@mnit.ac.in	Rohit Kumar Gupta; Arka Prokash Mazumdar	
D-16	<i>Design and Implementation of Low Power Energy Efficient 14T Hybrid Full Adder for Multiplier Applications</i>	neeraj.ece21@nitttrchd.ac.in	Neeraj Kumar Garg; Sandeep S. Gill; Kanika Sharma	
D-20	<i>Evaluation of Worst-Case Power-Delay Performance for a 1-Bit Full Adder</i>	pallavi.darji.ec@ddu.ac.in	Pallavi Darji, Devansh Makwana, Minjal Pandya, Arpita Patel, Purvang Dalal, Vinay Thumar	
A-03	<i>Advanced IoT and Machine Learning System for Real-Time Crop and Fertilizer Recommendation</i>	vikas.kolekar@viit.ac.in	Vijaya R. Khemnar, Mininath R. Bendre , Vikas K. Kolekar	

Report of Session Chair

Signature
Name of Session Chair:

TS-8

Date: 07th Mar 2025 Time (14:15 – 15:45)

Venue: Room C: **In-Person**

Session Chair: Dr Deepika Dubey

Session Co- Chair: : Dr. Ram Kumar **Mobile No.** +91 97700 45634

ID	Title	e-mail	Authors	Presenter
E-01	<i>A Novel Circularly Polarized MIMO Antenna Using Defected Ground for Wi-Fi and 5G Communication System</i>	ananya27ecea21@bpit india.edu.in	Ananya Garg; Kanishk Garg; Smridhhi Lau; Monika Kaushik; Usha Sharma; Megha Agarwal	
E-02	Advance Body Worn Antenna With Optimized Return Loss and Bandwidth Using Python in the Application of 5G Wireless Communication, Consumer IoT, Medical, WiMax Application	dean_research@srgi.a c.in	Vinod Singh; Zakir Ali; Virendra Kumar Sharma; Saiyed Tazen Ali	
E-03	Design & Optimization of Advanced Wearable Body Worn Two Port MIMO Antennas With Reduced Mutual Coupling Through Genetic Algorithm Used in Consumer IOT and Health Monitoring System	dean_research@srgi.a c.in	Vinod Singh; Zakir Ali; Saiyed Tazen Ali; Virendra Kumar Sharma	
E-05	Design and Performance Analysis of a 4 GHz Antenna With Enhanced Bandwidth Through Slot Configuration Optimization	zakirali@bujhansi.ac.in	Zakir Ali; Vinod Singh; Ayushi Singh	
E-12	Square Patch Antenna for Breast Tumor Detection at 2.45 GHz Frequency	dean_research@srgi.a c.in	Vinod Singh; Zakir Ali; Rishabh Soni; Amit Chaudhary; Amit Singh; Ravilochan Pandey	
E-13	Sustainable Substrate Design for High-Performance Wi-Fi Antennas in Green Electronics	niketanm@lnct.ac.in	Niketan Kumar Mishra, Rana Pratap Singh Rajput, Deepak Sen, Varun Rajput	

Report of Session Chair

Signature
Name of Session Chair:

TS-9

Date: 07th Mar 2025 Time (14:15 – 15:45)

Venue: Online

Session Chair: Dr Deepshikha

Session Co-Chair: Dr Ajay Sharma **Mobile No.**+91 83195 29581

Meet Link: <https://meet.google.com/qrg-igsz-myt>

ID	Title	e-mail	Authors	Presenter
A-04	<i>Advancement of Loan Approval System for Diverse Applicants With Machine Learning Framework</i>	aritro.119152@stu.upes.ac.in	Aritro Saha; Rakesh Ranjan; Bikash Chandra Sahana	
A-05	<i>AI Innovations in Heart Disease Prediction Using Machine Learning and Risk Stratification Using Deep Learning</i>	rubasrisrikanthan@gmail.com	Rubasri Srikanthan, Roshini M , S. Hemalatha	
A-06	<i>AI-Driven Time Series Models for Rainfall Prediction: a Machine Learning Approach</i>	akshithaa.parvathavardhini@m sam.christuniversity.in	Akshithaa Parvathavardhini K P; Chandra Jayaraman	
A-07	<i>Algorithms for Machine Learning to Predict Childbirth Modes</i>	rkavin049@gmail.com	Kavin R; Linges N; Mohammed Sath A	
A-08	<i>An Approach for Detecting and Classification of Lung Cancer Using Deep Learning and Machine Learning</i>	21bcs7837@cuchd.in	Deeksha Sonal, Srinibas Pattanaik, Rudraksh Raj Vyas, Tanya Sharma, Kanishk Nayak , Ayush kohli	
A-09	<i>Classification of Cardiovascular Diseases Through Retinal Fundus Images Using Deep Learning</i>	mdkayser21_ug@ece.nits.ac.in	Md Kayser Ahmed Hridoy; Sabyasachi Roy Barman; R Murugan	

Report of Session Chair

Signature
Name of Session Chair:

TS-10

Date: 07th Mar 2025 Time (14:15 – 15:45)

Venue: Online

Session Chair: Dr Mahesh Pawar

Session Co- Chair: Dr. Kamlesh Chandravanshi **Mobile No.**+91 90092 17763

Meet Link: <https://meet.google.com/xqq-objt-xxa>

ID	Title	e-mail	Authors	Presenter
F-08	An Optimal Transition Efficiency Maximally Permissive Liveness of FMSs Modeled With S4PR Petri Nets	mow.abdulg@gmail.com	Mowafak Hassan Abdul-Hussin	
F-10	Discovering Influential Nodes in Hypergraphs With MHRW Sampling and Isolating Centrality	tejaswi_anupaju@srmmap.edu.in	Anupaju Tejaswi; Murali Krishna Enduri; Srilatha Tokala	
F-11	<i>Effective Node Deployment in Wireless Sensor Networks Using Reinforcement Learning</i>	rahul.glorious91@gmail.com	Rahul Priyadarshi; Panduranga Ravi Teja; Anish Kumar Vishwakarma; Rakesh Ranjan	
F-12	<i>Enhanced Sand Cat Swarm Optimization Algorithm for Improving Wireless Sensor Network Coverage</i>	ecemalai@yahoo.com	J Elumalai; R Hema; K Kumuthapriya; P. Sakthi Shunmuga Sundaram	
F-13	Enhancing IoT Cyber Attack Detection in the Presence of Highly Imbalanced Data	2021-3-60-018@std.ewubd.edu	Md. Ehsanul Haque; d. Saymon Hosen Polash; Md Al-Imran; Sanjida Simla; Md Alomgir Hossain; Sarwar Jahan	
F-14	<i>Enhancing Target Detection Efficiency Using OEERP in Wireless Sensor Networks</i>	ecemalai@yahoo.com	J Elumalai; R Hema; P. Sakthi Shunmuga Sundaram; K Kumuthapriya	

Report of Session Chair

Signature
Name of Session Chair:

TS-11

Date: 07th Mar 2025 Time (16:00 – 17:30)

Venue: Online

Session Chair: Dr Jay Kumar Jain

Session Co- Chair: Dr.L.Velmurugan **Mobile No.**+91 96982 27440

Meet Link: <https://meet.google.com/dvh-ppgd-qan>

ID	Title	e-mail	Authors	Presenter
D-23	<i>Generative AI SSH Honeypot With Reinforcement Learning</i>	pes2202100468@pesu.pes.edu	Pragna Prasad; Apoorva V H; Nikhil Girish; Prem Kumar S; Sarasvathi V	
D-24	<i>GlobalLearn: an Efficient Multilingual Textual Summary for Education Videos</i>	PES2202100547@pesu.pes.edu	Pratham R Shetty; Prateek M; Anirudh Krishna; R Ranjive; M.Farida Begam	
D-34	<i>Plant Disease Detection With Artificial Intelligence Algorithms for Smart Agriculture</i>	sudeepthiravipati@gmail.com	R Sudeepthi; V Akshitha; K Navya; Koti Shalini; Karthikeyan R; Shanmugasundaram Hariharan	
D-35	<i>PosturalNet: an Advanced Architecture for Detecting Shoplifting in Megastores</i>	mohd.aquib@bennett.edu.in	Mohd Aquib Ansari; Arvind Mewada; Shahnawaz Ahmad; Sushil Kumar Maurya	
D-36	<i>Recommender Systems for Sector-Specific Stock Analysis</i>	pes2202101065@pesu.pes.edu	Jay Mintu Shah; Avani Dhagam; Aryan Wadhwa; Aravilli Atchuta Ram	
C-20	<i>sEMG Signal Acquisition: of Hand Movements for Feature Extraction and Classification</i>	p20210429@pilani.bits-pilani.ac.in	Pooja Maurya; Sujan Yenuganti; Samatha Benedict	

Report of Session Chair

Signature
Name of Session Chair:

TS-12

Date: 07th Mar 2025 Time (16:00 – 17:30)

Venue: Online

Session Chair: Dr Sandeep Raghuvanshi

Session Co- Chair: Dr. Dheresh Soni **Mobile No.**+91 88787 43351

Meet Link: <https://meet.google.com/fjx-ycqi-egr>

ID	Title	e-mail	Authors	Presenter
F-02	A Domain-Aware Data Fusion Scheme for Cold Start Problem in Early-Stage IoT Systems	pwc2017002@iiita.ac.in	Manish Kumar Maurya; Ashwin Raut; Manoj Kumar; Satakshi Singh; Manish Kumar	
F-09	Benchmarking SDN Controllers: Performance Analysis of POX and Floodlight in DCell Data Centre Topology	ssghritlahare.phd2024.ca@nitrr.ac.in	Sushmita Singh Ghritlahare; Mithilesh Atulkar, Ravindra Kumar Chouhan	
F-23	Modelling Clinical and Radiographic Data for Early Detection and Prediction of Osteoarthritis	sandeep.sath7@gmail.com	Sandeep S; Sashank Rahul M; Gophika T	
F-24	Overcoming Dataset Imbalances and Computational Challenges in IoT Intrusion Detection: a SMOTE-Enhanced Transformer-Based Model	veeyes@saranathan.ac.in	Venkatasubramanian S, S.K.B. Pradeep Kumar ch, Bairysetti Prasad Babu	
F-25	Performance Analysis of Multipath TCP Congestion Control Algorithms	subhrabiswal94@gmail.com	Subhra Priyadarshini Biswal; Akash Chatterjee; Khair Alanam; Sanjeev Patel	
F-26	Pipelined and Low-Power MAC Unit With Sparsity-Aware Encoding for Neural Network Applications	cb.en.u4ece21029@cb.students.amrita.edu	Mruthyunjai Sriram E; Ramesh SR	

Report of Session Chair

Signature
Name of Session Chair:

TS-13

Date: 07th Mar 2025 Time (16:00 – 17:30)

Venue: Online

Session Chair: Dr Nishchol Mishra

Session Co- Chair: Dr. Shahab Saquib Sohail **Mobile No.**+91 98977 71213

Meet Link: <https://meet.google.com/eme-pdxo-pta>

ID	Title	e-mail	Authors	Presenter
G-03	<i>Actor-Critic RL Approach to Stabilize Voltage in DC Microgrids for Linear, CPL, and PPL Load Profiles</i>	rse2019002@iiita.ac.in	Rinki Maurya; Ashutosh Kumar Singh	
G-05	<i>Advanced Fault Sleuth System Architectures for Prognostic Anomaly Detection and Autonomous Irregularity Mitigation in Intelligent Power Networks</i>	bkumar@rnc.amity.edu	Biresk Kumar, Arpit Anurag, Sanyam Anand, Ritesh Kumar, Kamaldeep Gupta, Binod Kumar Sharma	
G-12	<i>Performance Assessment of Single Phase PWM Inverter</i>	ppverma0709@gmail.com	Pratibha Verma; Amrita Singh; Riya Tiwari; Shikha Singh; Saurabh Kumar	
G-13	<i>Performance Assessment of Transmission Line Faults in Power System</i>	sahurupesh146@gmail.com	Rupesh Sahu; Saritanjay Rajput; Shikhar Mehrotra; Ram Pratap Pathak; Saurabh Kumar	
G-14	<i>SARSA-Based Voltage Regulation of PV-Buck Converter System Under Multi-Nature Load Conditions</i>	rse2019002@iiita.ac.in	Rinki Maurya; Ankit Srivastava; Dashrath Nishad; Ashutosh Kumar Singh	
G-15	<i>Sustainable Energy Transition and Population Dynamics: Data-Driven Approach to Mitigating Greenhouse Gas Emissions in BRICS Nations</i>	gdwivedi@gwa.amity.edu	Gunjan Dwivedi; Pooja Jain; Pranshuman Parashar; Rachit Jain	

Report of Session Chair

Signature
Name of Session Chair:

TS-14

Date: 07th Mar 2025 Time (16:00 – 17:30)

Venue: Online

Session Chair: Dr Rajesh Shukla

Session Co- Chair: Dr Sandeep Monga **Mobile No.**+91 9425302578

Meet Link: <https://meet.google.com/qrg-igsz-myt>

ID	Title	e-mail	Authors	Presenter
A-10	<i>Classification of Ovarian Tumors Using Deep Learning Techniques</i>	255pavanreddy@gmail.com	Pavan kumar reddy Utukuri; Beeram Sudheer Kumar Reddy; Perumal Chitra	
A-11	<i>Comparative Study of Deep Learning Models for Sentiment Analysis on Social Media Data Using Hybrid BiLSTM-CNN Architecture</i>	yatendra.manit@gmail.com	Yatendra Sahu; Arpita Bhargava; G Thakur; Bhupendra Kirar; Vivek Sharma	
A-12	<i>Crop Recommender and Yield Prediction System Using Ensemble Machine Learning Techniques</i>	nitisha4007@gmail.com	Sowmya P, Niteesha Sharma, T. Ashalatha, J. Shivani	
A-14	<i>Deep Learning for Aerial and Satellite Image Analysis: a CNN-Based Approach</i>	sailesh_adda@srmmap.edu.in	Sailesh Adda; Hemanth Valeti; Murali Krishna Enduri; Gangi Reddy; Anupaju Tejaswi	
A-16	<i>Deep Learning With Self-Attention Mechanisms for Parkinson's Disease Classification Through MRI Images</i>	k.21_rs@ece.nits.ac.in	Backiavathi Kantharaj; Tripti Goel; R Murugan	
A-17	<i>Deep-Prenatal: a Deep Learning Approach for Detection and Analysis of Nuchal Translucency for Enhanced Prenatal Screening</i>	pawarsmita1020@gmail.com	Smita Satish Pawar; Mangesh Nikose; Anni U Gupta	

Report of Session Chair

Signature
Name of Session Chair:

TS-15

Date: 07th Mar 2025 Time (16:00 – 17:30)

Venue: Online

Session Chair: Dr Swati Pandey

Session Co- Chair: Dr Lokesh Malviya **Mobile No.**+91 98930 96304

Meet Link: <https://meet.google.com/xqq-ojpt-xxa>

ID	Title	e-mail	Authors	Presenter
G-01	<i>A PSO Tuned CNN Approach for Accurate Fault Detection in PV Grid Systems</i>	nareshknk3082@gmail.com	Naresh Kumar; Raji J; Sridevi S; Md Mujahid Irfan; Rajeshwari R; Abinaya Inbamani	
G-02	<i>A Review on Design Optimization of Permanent Magnet Synchronous Motors for Modern Applications</i>	rekhaachaudhari81@gmail.com	Rekha A Chaudhari; Himanshu Shekhar	
G-04	<i>Advanced Embedded Software and Systems Using MBD for Electrical Grid Stability</i>	sachinbumbarkar@eaton.com	Sachin Bhagwat Umbarkar, Specialist; Sarang Admane	
G-06	<i>ANSYS-Based Finite Element Approach to Enhance PM-BLDC Motor Efficiency for EV Support</i>	subhajitroy111@gmail.com	Rajesh Kumhar; Subhajit Roy, Tarkesh Kumar Mahato; Poonam Lakra, Babli Kumari	
G-07	<i>Design of Stepper Motor Based Dosing System to Enhanced Accuracy & Efficiency for Chemical Industry</i>	onkarghigelect@sanjivanicoe.org.in	Onkar Ghige, Darshan Gunjal , Poonam Daunde	
G-08	<i>From Misinformation to Truth: Fake News Detection With Transformer-Based Models</i>	arvind.mewada@bennett.edu.in	Arvind Mewada; Mohd Aquib Ansari; Sushil Kumar Maurya	

Report of Session Chair

Signature
Name of Session Chair:

TS-16

Date: 08th Mar 2025 Time (10:30 – 12:00)

Venue: Room A: **Online**

Session Chair: Dr Sunil Joshi

Session Co- Chair: Dr.R.Senthil Kumar **Mobile No.:** +91 7904219703

Meet Link: <https://meet.google.com/dvh-ppgd-qan>

ID	Title	e-mail	Authors	Presenter
A-18	<i>Detection and Classification of Cardiac Arrhythmia Using DeepCNNFeatures via Transfer Learning and Optimized -KNN</i>	knagendruru0529@gmail.com	Kummari Nagendruru; S Hupesh Naga Ketan; Mohebbba Naaz	
A-19	<i>Detection of Brain Tumors From MRI Scans Using Deep Learning Model</i>	surendra353535@gmail.com	Yellanuri Surendra; S Hupesh Naga Ketan; Mohebbba Naaz	
A-20	<i>Early Eye Disease Detection Using Machine Learning</i>	ashishmishra@ggits.org	Ashish Mishra; Parnavi Jumde; Abhilasha Garg	
A-21	<i>Employee Attrition Prediction: a Machine Learning Approach</i>	suganthi@mba.sastra.edu	Suganthi P; Priyadarshini M; V Srinivasa Kumar	
A-23	<i>Enhancing Fake Account Detection on Digital Platforms Using Deep Learning Models</i>	diptam.dev@gmail.com	Diptam Mukhopadhyay; Asmita Chowdhury; Sagarika Sarkar; Piyush Goenka; Nabanita Das; Bikash Sadhukhan	
A-24	<i>Enhancing Text-to-Video Retrieval Using Clip Based Deep Learning Approach</i>	mohdadil20240@gmail.com	Mohd Adil; Nadeem Akhtar; S. M. Shadab Khan; Haris Shoaib	

Report of Session Chair

Signature
Name of Session Chair:

TS-17

Date: 08th Mar 2025 Time (10:30 – 12:00)

Venue: Online

Session Chair: Dr Damodar Tiwari

Session Co- Chair: Dr L.Velmurugan **Mobile No.**+91 73763 33523

Meet Link: <https://meet.google.com/fjx-ycqi-egr>

ID	Title	e-mail	Authors	Presenter
D-01	<i>Advance Collaborative AI-Driven Bots Using RPA to Enhance Workplace Inclusivity for Employees With Disabilities</i>	akhilesh_e1735@aksuniversity.com	Akhilesh A. Wao; Sweta Nigam	
D-02	AI - Driven Marine Debris Detection for Ocean Conservation	gopika.sist@gmail.com	Gopika P; Nirmalrani V	
D-03	<i>AI Integrated Recommender System for Improving e-Commerce Experience</i>	anubhava.srivastava@sharda.ac.in	Anubhava Srivastava; Nancy Tomar, Krish Sahu, Vishal Kumar	
D-05	<i>An Effectual Forecasting of Oil Production Performance Using Advanced Adaptive Recurrent Neural Network Classifier</i>	drksivakumar76@gmail.com	Siva Kumar K; Nagalakshmi Nethi VR; Korupula Siva Kumar; Yagati Sai Chanikhya; Mohammad Yousf Basha; B P M Harshavardhan	
D-07	<i>An Exploration of GAN Applications in Stock Prediction Through Bibliometric Analysis and Co-Occurrence Networks</i>	nabanita.das@tict.edu.in	Nabanita Das; Bitan Misra; Bikash Sadhukhan; Pratima Sarkar; Debraj Chatterjee; Swagata Paul	
D-37	<i>Sentimental Analysis of E-Commerce Product Reviews for Product Specific Insights</i>	pes2ug22cs661@pesu.pes.edu	Vignesh Palanirajan; Bharathi R; Nannapaneni Sashank; Shrijit S Hunsikatti; Sri Shaatvika S	

Report of Session Chair

Signature
Name of Session Chair:

TS-18

Date: 08th Mar 2025 Time (10:30 – 12:00)

Venue: Room C: **Online**

Session Chair: Dr Yadunath Pathak

Session Co- Chair: Dr.R.Kanniya Raja **Mobile No.**+91 8925115201

Meet Link: <https://meet.google.com/eme-pdxo-pta>

ID	Title	e-mail	Authors	Presenter
B-01	<i>Abusive Content Detection With LangChain Integration Using Fine-Tuned RoBERTa</i>	sandeep.rathor@gla.ac.in	Sandeep Rathor; Anurag Pathak	
B-02	<i>Analyzing Network Traffic Features for IoT Malware Detection Through Forensic Methods</i>	23io10me33@mitsgwl.ac.in	Mehak Kapoor; Nitesh Patidar; Namita Arya	
B-06	<i>Detection of False Data Injection Attacks in Power Grids Based on Spatiotemporal Feature Fusion</i>	2202200992@neepu.edu.cn	Bin Li	
B-07	<i>Dynamic Composite s-Boxes for High-Speed IoT Encryption With Enhanced Security</i>	sonyd_ece@cbit.ac.in	Sony Devalapally; Krishna Reddy D	
B-09	Enhancing 6G Communication Ecosystems With Blockchain Technology	chandan.ece@its.edu.in	Chandan Kumar; Murari Kumar Singh; Renu Mishra; Tarun Maini; Ashish Kumar Chakraverti	
B-10	<i>Hybrid Anomaly Detection Framework for Matter-Enabled IoT Devices</i>	vaibhavkrishan_it21a10_59@dtu.ac.in	Vaibhav Krishan; Shivam Dhar; Kapil Sharma	

Report of Session Chair

Signature
Name of Session Chair:

TS-19

Date: 08th Mar 2025 Time (10:30 – 12:00)

Venue: Online

Session Chair: Dr Amit Bhagat

Session Co- Chair: Dr. Vikas Panthi **Mobile No.**+91 97784 60751

Meet Link: <https://meet.google.com/qrg-igsz-myt>

ID	Title	e-mail	Authors	Presenter
F-01	<i>A Bayesian Optimization Framework for Adaptive Node Deployment in Wireless Sensor Networks</i>	rahul.glorious91@gmail.com	Rahul Priyadarshi; Jayant Kumar Rout; Anish Kumar Vishwakarma; Nikhil Dhengre; Rakesh Ranjan; Amit Verma	
F-03	A Hybrid CNN-SVM Approach for Skin Lesion Classification Using the ISIC 2019 Dataset	sadahowal@gmail.com	Sadanand S Howal; Sanjeev Wagh; Siddheshwar Vilas Patil; Bhushan Yelure	
F-04	<i>A Hybrid Reinforcement Learning Framework for Optimizing Node Deployment in WSNs</i>	rahul.glorious91@gmail.com	Rahul Priyadarshi; Rakesh Ranjan; Jayant Kumar Rout; Amit Verma; Akash Kumar Gupta; Panduranga Ravi Teja	
F-05	An Efficient Petri Net Dynamics-Based Controllability of FMS Models	mow.abdulg@gmail.com	Mowafak Hassan Abdul-Hussin	
F-06	An FMS Reconfigurable Model With S4PR Petri Nets by Controllable Transitions	mow.abdulg@gmail.com	Mowafak Hassan Abdul-Hussin	
F-07	An Improved DV-Hop Localization Algorithm Based on Chaotic Human Conception Optimization With Time Varying Acceleration Coefficients for Wireless Sensor Network	subratpanda@nitnagaland.ac.in	Subrat Kumar Panda; Subinaya Mohapatra; Dushmanta Das; Rajagopal Kumar	

Report of Session Chair

Signature
Name of Session Chair:

TS-20

Date: 08th Mar 2025 Time (10:30 – 12:00)

Venue: Room E: **Online**

Session Chair: Dr Dilip Sisodiya

Session Co- Chair: Dr. Ajay Sharma **Mobile No.**+91 83195 29581

Meet Link: <https://meet.google.com/xqq-ojpt-xxa>

ID	Title	e-mail	Authors	Presenter
C-01	<i>A Comprehensive Analysis on Refined BiLSTM-RNN Models for Accurate Forecasting of Bottom Hole Pressure in Managed Pressure Drilling Operations</i>	nagalakshminvr78@gmail.com	Nagalakshmi Nethi VR; Md Ahammad Sharif; Bora Hymavathi; Nitish Raj; Banka Akhil; Muppidi Daniel Ashirvad	
C-02	A Custom Features-Based Face Recognition using a Bag of Classifiers	dt20csj013@nituk.ac.in	Devendra Prasad; Maroti Deshmukh; Parveen Kumar; Lalit Kumar Awasthi	
C-04	<i>Accelerated MR Image Reconstruction Using Non Convex Regularized Non-Subsampled Contourlet Transform and Total Variation Based Prior</i>	ndhengre@iitn.ac.in	Nikhil Dhengre; Rakesh Ranjan; Sagar Motdhare	
C-05	Advanced Projectile Propulsion System Using Harnessing Kinetic Launch Technology	927621bee035@mkce.ac.in	Gobika P; N Nalini; Deepan G; KaneeshKumar J	
C-06	<i>Advanced Screening in Oil Recovery Processes Using Attention Mechanisms Combined With Deep Convolutional Neural Networks</i>	venkataramanaavula37@gmail.com	Venkata Ramana Avula; Nagalakshmi Nethi VR; Makavarapu Pavan; Gutti Akhil Kumar; Marri Nanda Swaroop; Gorle Bhanu Prakash	
C-07	<i>Advancing Automatic Number Plate Recognition: Insights, Innovations, and Future Directions</i>	rpandey@lko.amity.edu	Rajiv Pandey, Pratibha Maurya , Pawan Saxena, Neetigya Maurya	

Report of Session Chair

Signature
Name of Session Chair:

TS-21

Date: 08th Mar 2025 Time (12:00 – 13:30)

Venue: Online

Session Chair: Dr Rajesh Nigam

Session Co- Chair: Dr Gunjan Ansari **Mobile No.**+91 88511 57709

Meet Link: <https://meet.google.com/dvh-ppgd-qan>

ID	Title	e-mail	Authors	Presenter
A-25	<i>Exploring Advanced Optimized Machine Learning Frameworks for Enhanced Analysis and Predictive Modeling of Drilling Well Production Performance</i>	mdahammadsharif5@gmail.com	Md Ahammad Sharif; Siva Kumar K; Venkata Ramana Avula; Mohammed Huzaifa; Sonu Kumar; Emandi Krishna Sai	
A-26	<i>Exploring IoT and Machine Learning Integration for Soil Nutrients Monitoring and Crop Recommendation: a Survey</i>	vikas.kolekar@viit.ac.in	Vijaya R. Khemnar , Mininath R. Bendre , Vikas K Kolekar	
A-30	<i>Integrative Hybrid Machine Learning Methodologies for Decoding and Analysing Complex Encoded Data on Oil Pipeline Incident Patterns and Risks</i>	drksivakumar76@gmail.com	Siva Kumar K; Venkata Ramana Avula; Nagalakshmi Nethi VR; Mohammed Faheem; Kanuri Vijay; Advaid Kumar V	
A-31	<i>Intelligent Defenses: Advancing Cybersecurity Through Machine Learning-Driven Malware Detection</i>	sakshi311@gmail.com	Sakshi Mittal; Prateek Rajvanshi	
A-33	<i>Leveraging Seasonal Trends and Symptomatic Data for Precise Disease Prediction Using Machine Learning</i>	harshitha_s@srmmap.edu.in	Anjana Harshitha Somayajula; Amish Gollapudi; Maganti Suryanarayana Dattatreya; Aetesh Chagantipati; Murali Krishna Enduri; Satish Anamalamudi	
A-34	<i>Lightweight Deep Learning Model for Airborne Object Classification</i>	vamsikp@student.uia.no	Vamsi Puduru; Pardhasaradhi Bethi; Sagar Koorapati; Linga Reddy Cenkeramaddi, Sr	

Report of Session Chair

Signature
Name of Session Chair:

TS-22

Date: 08th Mar 2025 Time (12:00 – 13:30)

Venue: Online

Session Chair: Dr Gurprit Singh Chabra

Session Co- Chair: Dr. Dheresh Soni **Mobile No.**+91 88787 43351

Meet Link: <https://meet.google.com/fjx-ycqi-egr>

ID	Title	e-mail	Authors	Presenter
C-10	<i>Efficient Traffic Density Calculation for Diverse Road Traffic Using Yolov8 Algorithm</i>	amulya1484@gmail.com	Kotla Amulya; M Sahithya; Mulka Trisha; Shanmugasundaram Hariharan; Senthil Kumar Appusamy Venkataraman; Karthikeyan R	
C-12	<i>Face Emotion Recognition Using Deep Neural Network (DNN)</i>	arajendrababuavula@gmail.com	A Rajendra Babu; Mohebbba Naaz; S Chandrika; G Rajeswari; U Vidya Pavani	
C-13	<i>Generative Adversarial Networks for Noise Reduction in Electrocardiogram Signals</i>	saberamba36@gmail.com	G Sabera; Mohebbba Naaz; S Hupesh Naga Ketan	
C-14	<i>LIGHT-YOLOv11: an Efficient Small Object Detection Model for UAV Images</i>	bd23csm2r06@student.nitw.ac.in	Bhimendra Dewangan; M Srinivas	
C-15	<i>Multi-Label Satellite Image Classification Using Lightweight Vision Transformers</i>	tamalbarman_23ity15@dtu.ac.in	Tamal Barman; Seba Susan	
C-16	<i>Person Detection Using Proposed YOLOv8 Algorithm</i>	justinjayaraj.mecse2023@srinivas.ac.in	Justin Jayaraj K; Padmacharan V; Balasubramaniam Vadivel; Gokulraj G; Ramachandramoorthy KB; Kirthika K.M.	

Report of Session Chair

Signature
Name of Session Chair:

TS-23

Date: 08th Mar 2025 Time (12:00 – 13:30)

Venue: Online

Session Chair: Dr Sapna Choudhary

Session Co-Chair: Dr. Ajay Sharma **Mobile No.**+91 83195 29581

Meet Link: <https://meet.google.com/eme-pdxo-pta>

ID	Title	e-mail	Authors	Presenter
D-18	<i>Enhancing Metabolomics Pathway Prediction With Sequential Graph Convolutional Network</i>	bineesh.m@res.christuniversity.in	Bineesh Moozhippurath; Jayapandian N	
D-19	<i>Enhancing Socio-Economic Development Through Digital Literacy: a Strategic Imperative for Rural Communities</i>	anubhava.srivastava@sharda.ac.in	Priyam Aryan, Bhavya Gaba, Akarsh Katiyar, Shashwat Ambar Pathak, Manish Kumar, Anubhava Srivastava	
D-21	<i>FPGA-Based Real-Time Spectral Peak Estimator for Radar Altimeter Signal Analysis</i>	ritesh@sac.isro.gov.in	Ritesh Kumar Sharma, D R Chowdhury, Jolly Dhar, Umang Bhatia, B Saravana Kumar, Ch V N Rao	
D-22	<i>FPGA-Based Testing of XOR-Free Polar Encoder</i>	rs200150090101@gjust.org	Navin Kumar; Deepak Kedia; Gaurav Purohit	
D-25	<i>GMatchBERT: BERT-Enhanced Relation Learning for Knowledge Graphs</i>	neelam.jain@mithibai.ac.in	Neelam Jain; Krupa Mehta	
D-26	<i>Humanizing NPCs-AI Driven Realistic Conversations and Reactions</i>	kishore110804n@gmail.com	Kishore N; Lalitha Sreeram	

Report of Session Chair

Signature
Name of Session Chair:

TS-24

Date: 08th Mar 2025 Time (12:00 – 13:30)

Venue: Online

Session Chair: Dr Shikha Agarwal

Session Co- Chair: Dr. Ram Kumar **Mobile No.** +91 97700 45634

Meet Link: meet.google.com/qrg-igsz-myt

ID	Title	e-mail	Authors	Presenter
B-12	<i>Intelligent anti-Theft System with Automated Spray Control Using ESP32 WROOM</i>	21cs020@nandhaengg.org	Elamparithi S; Vetriselvan R; Mourin Praamothe S; Geetha S; Deepa Balusamy	
B-13	<i>Leveraging Next-Generation Business Intelligence for Proactive Cybersecurity Defense</i>	senguptaarjit787@gmail.com	Arijit Sengupta; Vidyavati H Ramteke	
B-14	<i>MinerGenesis: Integrated Well-Being and Environmental Surveillance for Mining Industry</i>	padminidevib.cse@mkce.ac.in	B.Padmini Devi; Abeesh R; Dhilipkumar M; Gokula Krishnan R; Jayaprasath K	
B-15	<i>Mitigating Security Vulnerabilities in Cloud-Based Home Automation Through Advanced Edge Computing: a Comprehensive Framework for Privacy Enhancement and Data Protection</i>	bkumar@rnc.amity.edu	Biresh Kumar, Shreya Kumari, Ritesh Kumar, Vineet Kumar Singh, Kamaldeep Gupta, Binod Kumar Sharma	
D-27	Hybrid AI Models for Predicting Inshore and Offshore Oil and Gas Exploration Fields	mdahammadsharif5@gmail.com	Md Ahammad Sharif; Venkata Ramana Avula; Siva Kumar K; <u>Amal Krishna TS</u> ; Karri Bhargav Kumar; Teddu Satish Kumar	
D-28	<i>Hybrid Framework for Chronic Kidney Disease Prediction: Integrating Adaptive Neuro-Fuzzy Inference System and LIME</i>	vivek@reck.ac.in	Vivek Srivastava; Shashank Yadav; Divyanshi Yadav	

Report of Session Chair

Signature
Name of Session Chair:

TS-25

Date: 08th Mar 2025 Time (12:00 – 13:30)

Venue: Online

Session Chair: Dr Manish Gupta

Session Co-Chair: Dr. Nancy Kumari **Mobile No.**+91 70117 45833

Meet Link: <https://meet.google.com/xqq-ojpt-xxa>

ID	Title	e-mail	Authors	Presenter
F-15	Implementation and Analysis of Energy Efficient LEACH-C Algorithm for Network of Unmanned Aerial Vehicles	urvashi010498@gmail.com	Urvashi Sharma; Sudarshan Patil Kulkarni; Thyagarajamurthy A	
F-16	Indoor Sound Classification Using Lightweight CNN With Real-Time IoT Integration	siddhartha@uia.no	Siddharth Amarnath; Pardhasaradhi Bethi; Vellalacheruvu Venkata Siva Sai Anil Kumar; Sagar Koorapati; Linga Reddy Cenkeramaddi	
F-17	Intelli-Helmet for Motorcycles Using Internet of Things	dharshan.rj235@gmail.com	Dharshan Rajendran; Gowtham Balasubbiramani; Kavin Sekar; Sangeetha M	
F-18	Internet of Things Based Agriculture Crop Cutting Mechanism Using Green Energy and Its Applications	srichandrang@gmail.com	Karrar Hussain, Suresh Govindasamy, A. Nirmal Raj, K. Selvi, G. Murugesan, G. Ramachandran	
F-19	Internet of Things Enabled Smart Hand Gesture Virtual Mouse System	jayapandian.n@christuniversity.in	Jayapandian N; Danish Muneer Chelekkodan; Abhinav S; Aaron Shyjan	
F-20	Lightweight CNN for Everyday Human Sound Classification on Edge Devices	223ad0009@iiitk.ac.in	Venkata Raghava Shashank Viswanathuni; Sarada Puranapanda; Pardhasaradhi Bethi; Sagar Koorapati; Linga Reddy Cenkeramaddi, Sr	

Report of Session Chair

Signature
Name of Session Chair:

TS-26

Date: 08th Mar 2025 Time (14:30 – 16:15)

Venue: Online

Session Chair: Dr. Namrata Talegaonkar

Session Co- Chair: Dr. Kamlesh Chandravanshi **Mobile No.**+91 90092 17763

Meet Link: <https://meet.google.com/dvh-ppgd-qan>

ID	Title	e-mail	Authors	Presenter
A-35	<i>Mental Stress Prediction Using Machine Learning and Facial Emotion Recognition</i>	ramkishan35403@gmail.com	Ramkishan C B; Nihilsankar E; Swedheetha C	
A-36	<i>Mobile Learning Analytics for English Language Assessment: Using Mobile Data to Predict Learner Outcomes</i>	apkphd28@gmail.com	Arabati Pradeep Kumar; R Subhashini; Mustafa Zuhaer Al-Dabagh; Malik Bader Alazzam; Rubitha M; Sreela B	
A-39	<i>Optimized Approaches to Malware Detection: a Study of Machine Learning and Deep Learning Techniques</i>	abrarfahim8@iut-dhaka.edu	Abrar Fahim; Shamik Dey; Md Nurul Absur; Md. Tahmidul Huque; Jafreen Jafor Godhuli; Md. Ehsanul Haque; Md Kamrul Siam	
A-40	<i>Optimizing Crop Selection Through Hyperparameter Tuning of Neural Networks: Development and Evaluation of Deep Learning Models for Enhancing Crop Recommendation Systems</i>	sabrina.jahan10000@gmail.com	Sabrina Jahan; Ishraque Manzur; B. M. Shahria Alam; Tawhidur Rahman; Ishrat Jahan Momo; Golam Kibria; Md. Nawab Yousuf Ali	
A-41	<i>Parkinson's Disease Prediction Using Spectrograms and Deep Belief Networks</i>	dr.sandeep.cs@gmail.com	Sandeep CS; Martin M	
A-42	<i>Predicting and Classifying Energy Usage Patterns Using Advanced Machine Learning Models</i>	seshumouni@gmail.com	Rangu Seshu Kumar; Mejanrao Sushma; Prathyusha Basam	
A-43	<i>Prediction of Customer Satisfaction Using Machine Learning Algorithms: Perspectives of Service and Operational Factors in Airline Industry</i>	shafrin.n5@gmail.com	Shafrin Fathima, N; Suganthi P; Ajithkumar K; Srinivasa Kumar V	
A-44	<i>Real-Time Posture Correction System in Sitting Using Deep Learning Techniques</i>	rupeshdewang@mnnit.ac.in	Rupesh Dewang; Abid Ali; Divya Kumar; Ran Vijay; Atul Kumar; Sanskar Omar	

Report of Session Chair

Signature
Name of Session Chair:

TS-27

Date: 08th Mar 2025 Time (14:30 – 16:15)

Venue: Online

Session Chair: Dr Navdeep Saluja

Session Co- Chair: Dr Lokesh Malviya **Mobile No.**+91 98930 96304

Meet Link: <https://meet.google.com/fjx-ycqi-egr>

ID	Title	e-mail	Authors	Presenter
G-09	<i>Hybrid Power Conversion System Using PWM Rectification and Advanced Bidirectional DC-DC Control for Efficient Load Applications</i>	immanuvelbright12@yahoo.com	Immanuvel Bright E; Dheepika S.A; Sridhar N; Kavin K.S; Deebika R; Sengottaian S	
G-10	<i>Optimized Power Quality Monitoring in Electrical Systems Using Adaptive Recurrent Neural Networks</i>	muthukumar4364r@gmail.com	Muthu kumar R; Vaishnavi K; Swetha R; Seenivasan R; Praveenkumar M	
G-11	<i>Optimized Scheduling Model of Integrated Energy System in Industrial Park Based on Improved MPA</i>	2403826014@qq.com	Shuang Liang; Qingxuan Jiang	
G-16	<i>Voltage Stability Analysis in Transmission and Distribution Network Using Random Forest</i>	jeevendum@gmail.com	Jeevendu M., Reethu Dhanya, R. M. Shereef, Samina T.	
D-29	<i>Improving Chronic Kidney Disease Detection Efficiency: Fine Tuned CatBoost and Nature-Inspired Algorithms With Explainable AI</i>	2021-3-60-018@std.ewubd.edu	Md. Ehsanul Haque; S.M. Jahidul Islam; Jeba Maliha; Md. Shakhauat Hossan Sumon; Rumana Sharmin; Sakib Rokoni	
D-30	<i>Integrated Framework for Equitable Healthcare AI: Bias Mitigation, Community Participation, and Regulatory Governance</i>	s1091262@mail.yzu.edu.tw	Joydeep Chandra; Ramanjot Kaur; Rashi Sahay	
D-31	<i>Lightweight Chest X-Ray Classification for Pneumonia and Tuberculosis Using MobileNet With Explainable AI</i>	pes2202100254@pesu.pes.edu	Shree Hari Nadig B M; Shruti C; Shishir B; Gautham S V; Kamatchi Priya L	

Report of Session Chair

Signature
Name of Session Chair:

TS-28

Date: 08th Mar 2025 Time (14:30 – 16:15)

Venue: Online

Session Chair: Dr Nikhat Raza Khan

Session Co- Chair: Dr.Mohammad Sultan Alam **Mobile No.**+91 9736724746

Meet Link: <https://meet.google.com/eme-pdxo-pta>

ID	Title	e-mail	Authors	Presenter
C-08	<i>Automated Pomegranate Leaf Disease Identification: an Image Processing Perspectives</i>	sreeramlalitha@gmail.com	B Meghana, Lalitha Sreeram, Janani J	
C-09	<i>CA-Unet: Cascaded Attention Transformer for Underwater Image Deblurring and Color Restoration</i>	yadavonweb@gmail.com	Shashank Yadav; Naveen Kumar Tiwari; Akshita Kansal; Raj Patel	
C-17	<i>Plant Disease Detection Using Image Processing and Generative Adversarial Network</i>	teresha1903@gmail.com	Y Teresha; Nikhil John Shaji; Manav Jarial; Ved Vishal Mirjankar; Swetha Patil	
C-18	<i>Real Time Analysis of Twin Image Style Transfer</i>	sreeramlalitha@gmail.com	Hemanth Reddy Alavala, Animela Niharika, Sree Laasya Pabbisetty, Shapna M, Lalitha Sreeram	
C-19	<i>Robust Exudate Segmentation in Retinal Fundus Images Using the Combination of Efficient-Net and U-Net Model</i>	debasish21_rs@ece.nits.ac.in	Debasish Deb; R Murugan	
C-21	<i>Sustainable Agriculture With Advanced Plant Disease Detection Using YOLOv11 and XAI</i>	s.ajay15082002@gmail.com	Ajay S; Geetha S; Deepa Balusamy; Gokul K; KavinSubash K R	
E-11	<i>Path Loss Models Analysis for Tetra Hertz Frequency</i>	bchinnarajasatyanthosh@gmail.com	B Chinna Raja Satya Santosh; B.Nooka Appa Rao; B. Ashok Reddy; D Sainadh; Perumal Chitra; G Jegan	

Report of Session Chair

Signature
Name of Session Chair:

TS-29

Date: 08th Mar 2025 Time (14:30 – 16:15)

Venue: Online

Session Chair: Dr Abhishek Bajpai

Session Co- Chair: Dr. Shahab Saquib Sohail **Mobile No.**+91 98977 71213

Meet Link: meet.google.com/qrg-igsz-myt

ID	Title	e-mail	Authors	Presenter
D-32	<i>Mobile Edge Computing for Efficient Vehicle Management in Smart City</i>	asem.chanu@iiitg.ac.in	Asem Debala Chanu; Saylee Shelar; Shubha Brata Nath	
D-33	<i>Optimization-Driven Vendor Selection With Tabu Search and Neural Networks</i>	anubhava.srivastava@sharda.ac.in	Santosh Kr. Gupta, Anubhava Srivastava, Vivek Kumar	
D-38	<i>Smart Irrigation for Soil Moisture Prediction Using Hybrid AI and Fog Computing</i>	ruchika1055cse.phd22@chitkara.edu.in	Ruchika Bindal, Mandeep Kaur, Righa Tandon	
D-39	<i>The Evolution of Cloud Computing: a Study of Aspirational Technologies and Practical Achievements</i>	kamalupreti1989@gmail.com	Kamal Upreti; Rituraj Jain; Rohan Muley; Kamal Goyal; Deepika Deepika; Komal Gupta	
D-40	<i>The Missing Data Imputation Method for Medical Data Classification Using Most Probable Value</i>	tarlebs123@gmail.com	Balasaheb Sukadeo Tarle; Vaishali Tidake; Rupali Tajanpure; Ratnesh Litoriya	
D-41	<i>The Overfitting Dilemma: Exploring Solutions for Robust Classification Performance</i>	raghvsinghtomar1975@gmail.com	Raghvendra Singh; Saumya Gupta; Charu Awasthi	
D-42	Artificial Ecosystem-Based Optimization for Solving the Multi-Objective Economic Emission Load Dispatch Problem With Wind-Solar-Thermal Integration and Uncertainty Handling	dvp01@ganpatuniversity.ac.in	Deep Patel; Jatinkumar Soni; Hardik Modha	

Report of Session Chair

Signature
Name of Session Chair:

TS-30

Date: 08th Mar 2025 Time (14:30 – 16:15)

Venue: Online

Session Chair: Dr Nikita Vats

Session Co- Chair: Dr. Ramraj Dangi **Mobile No.**+91 87707 81163

Meet Link: <https://meet.google.com/xqq-ojpt-xxa>

ID	Title	e-mail	Authors	Presenter
F-21	<i>Lora-Enabled System for Smart Farming Management and Oversight, Utilizing Wireless Sensor Networks</i>	ecemalai@yahoo.com	J Elumalai; R Hema; K Kumuthapriya; P. Sakthi Shunmuga Sundaram	
F-22	Marine Mammals Sound Classification Using a Lightweight CNN for Edge Computing Devices	ankitk@student.uia.no	Ankit Kumar; Vellalacheruvu Venkata Siva Sai Anil Kumar; Pardhasaradhi Bethi; Sagar Koorapati; Linga Reddy Cenkeramaddi, Sr	
F-27	Role of Edge Computing in IoT	23io10pr41@mitsgwl.ac.in	Pragya Singh; Preeti Gautam; Namita Arya	
F-28	Smart Monitoring of High-Performance KY Converter in IoT-Enabled Electric Vehicle Systems	rathika2048@yahoo.com	Rathika N; Ramya R.R; Ganga P; Sharda Patwa; Balaji V; S Sivarajan	
F-29	Smart Retail Solutions Through Edge Computing and IoT Automation: Implementing Dynamic Pricing and Real-Time Customer Engagement	hitendra.chavan@bharatividyaapeeth.edu	Hitendra Ashok Chavan, Prashant Premji Nitnaware	
F-30	SyncVision: High-Resolution Speech-Synchronized Portrait Animation Using Conditional Generative Adversarial Networks	srinivas.nivas47@gmail.com	Boggarapu Srinivasulu; P Soumya; R Harini; R Hyndhavi; N Devaki	
B-19	<i>Energy Performance, Carbon Footprint and Hardware Efficiency of Blockchain Networks</i>	madhavajwalia.it@charusat.ac.in	Madhav M Ajwalia; Parth D Shah; Zeel Vachhani	

Report of Session Chair

Signature
Name of Session Chair:

A-37	<i>Multimodal Affective Communication Analysis: Integrating Text Sentiment with Speech Emotion Using Transfer Learning</i>	pankaj83yadav1@gmail.com	Pankaj Kumar; Krishna Kant Agrawal; Nripendra Dwivedi	
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Report of Session Chair

Signature
Name of Session Chair: