

NCCT & AEEE 2025 Program Schedule

Conference Mode: Virtual Conference

Date: October 25-26, 2025

Day I: 25 October 2025, Saturday

Time: 08.30 AM – 06.00 PM

Link I	https://meet.google.com/cqg-idpo-vgv
8.30 AM – 8.33 AM	Welcoming Chairs and Participants to the NCCT AEEE2025 Hinweis International Conference
8.34 AM – 8.37 AM	Welcome Speech: Dr. Yogesh Chaba (General Chair)
8.40 AM – 9.00 AM	Keynote Speech: Dr. G Kharmega Sundararaj (Associate Professor, Dr. T. Thimmaiah Institute of Technology, India)
9.05 AM – 9.25 AM	Keynote Speech: Dr. Pavithra G (Associate Professor, Dayananda Sagar College of Engineering, India)

Date: 25 October 2025		Screen I	Session I	Time: 09.30AM – 11.30AM
Link I		https://meet.google.com/cqg-idpo-vgv		
Chair 1: Dr. Yogesh Chaba (General Chair)			Chair 2: Anup Kagalkar (Sagitec Solutions, USA)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_8	Remote Sensing-based Automated Civil Aircraft Detection Using YOLOv8 Architecture			Kotturu Nikhil Viswanadh
NCCT-2025_24	Automated Identification of Indian Medicinal Plants Using Deep Learning			Rakesh Salakapuri
NCCT-2025_31	A Web-Based Real-Time Blood Donation Management System Using Firebase and Geo-Location Services			Pranay Gopal Meshram
NCCT-2025_32	MedFed: A federated learning framework for Medical Imaging			Vaishali Sham Rajpoot
NCCT-2025_41	Smartphone Camera-Based Real-Time Heart Rate Estimation Under Varying Lighting			Subhashree DC

NCCT-2025_44	SWAD: A New Machine Learning based Recipe Recommendation System	Anurati Bobde
NCCT-2025_42	Deep Learning Based Advanced Brain Tumor Classification	Subhashree DC
NCCT-2025_46	Predicting Student Success in MOOCs Using Machine Learning: A Comparative Study of Classification Models	Jaspreet Kaur
NCCT-2025_48	Distributed Attack Detection Framework in Cloud Environment Using Hybrid Activation-based BiLSTM with Virus Colony Optimization	Balakrishna Kancherla
		Immadiseti Yamuna
		Shaik Zahira
NCCT-2025_47	The Role of Compression Models in Human Activity Recognition: A Comprehensive Review	Jaspreet Kaur
NCCT-2025_55	TaleWeave AI: Automated Visual Storytelling with Generative AI	Aayush Bhadbhade
NCCT-2025_64	Healthcare Chatbot with AI-powered Technology	Vedant Dhiraj Kale
NCCT-2025_65	Empower- Immediate Safety	Riya Mehta

Date: 25 October 2025		Screen II	Session II	Time: 09.30AM – 11.30AM	
Link II		https://meet.google.com/ddd-ziti-jdu			
Chair 1: Dr. Pavithra G (Conference Chair)			Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)		
Paper ID	Paper Title			Registered Authors	
NCCT-2025_73	A Novel Analysis of Intelligent Systems for Dynamic Bed Allocation using ML Algorithms			Apurva Sunil Kurhade	
NCCT-2025_83	Early Childhood Health Risk Prediction using ML Techniques			BS Sonawane	
				Reshma Tushar Ladda	
NCCT-2025_88	Exploring Fog and Edge Computing Developments and their Suitability for Mobile Commerce			Sreedevi S	
NCCT-2025_89	A Machine Learning-Based Framework for Monitoring and Mitigating Unauthorized Access in Computer Networks Using Apache Web Logs			Meghana Lokhande	
NCCT-2025_91	Optimizing Machine Learning At Scale: A Review Of Efficient Data Structures			Gaurav Sharma	
NCCT-2025_97	Diet Snap using Transfer Learning			K Trinay Krishna	

NCCT-2025_113	Simulating Multi-Agent Misalignment: Exploring Emergent Risks and Control Mechanisms in Autonomous AI Ecosystems	Harshvardhan C
		HS Prajwal
		Nagesh BS
NCCT-2025_119	Reviewing AI-Powered Solutions for Energy Efficiency in 6G Communication Systems	Harshita Gangadhar Patil
NCCT-2025_125	Cloud-based Blood Bank Management System with Dynamic Data Updation	Nilima Dongre
NCCT-2025_126	Towards Secure Autonomous Mobility: A Survey on CAV Cybersecurity	Dakshayani G
NCCT-2025_127	Online Payment Fraud Detection using ML and its Interpretation	Roma Abhay Kudale
		Aman Abhishek
NCCT-2025_128	Solar Rooftop Potential Mapping in India Using Deep Learning	Atharva Ashish Gore
NCCT-2025_132	An Optimized Framework for Personalized Meal Planning Using MCDM and the Honey Badger Algorithm	Tadakamalla Sreevarsha

Break 11.30 AM – 11.35 AM

Date: 25 October 2025		Screen I	Session III	Time: 11.35AM – 01.30PM
Link I		https://meet.google.com/cqg-idpo-vgv		
Chair 1: Dr. Yogesh Chaba (General Chair)			Chair 2: Dr. E Sudha (Sathyabama Institute of Science and Technology, India)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_133	Improved Graph-Based Visual Saliency High Dimensional Image Retrieval System			Pawan Kumar Mishra
NCCT-2025_135	Agentic AI Project Companion: A Framework for Consultative, Adaptive, and Proactive Research and Development			Sanket Dangle
NCCT-2025_137	Smart Canteen Management System			Atreya Y Gosavi
NCCT-2025_141	AI-Powered Mock Interview System and Resume Analyzer			Yash Bhosale
NCCT-2025_143	NutriScan : Unlocking the Secrets of Everyday Products			Gurubas Rajesh Maka
NCCT-2025_144	Application of a Lightweight Protocol to Visualize the Behaviour of Autonomous Vehicle in a Virtual Environment			Vaidehi M

NCCT-2025_147	A User-Centric Framework to Detect Parkinson's Disease	Lashita Malhotra
NCCT-2025_153	Weed Identification from Multispectral Agricultural Images	Kanchana Rajaram
NCCT-2025_158	An Analysis Of India's Notable Growth In Digital Payments Using Credit Cards	Ravi Bhushan
NCCT-2025_161	VulneraSim: A Modular Cyber Range for Simulated CVE Exploitation and Defense Engineering	Priyanka Devi
NCCT-2025_173	Recommendation System for Stroke Risk Prediction using Machine Learning Approaches	Bhaskar Adepu
NCCT-2025_175	Baseline vs. Middleware Resilience: Socket & Broker Communication Under Stress in IoT Edge Networks	Manjot Kaur
NCCT-2025_176	Emerging Protocol and Architecture Requirements for 6G-Enabled Wireless Sensor Technologies in Space-Air-Ground Integrated Networks (SAGIN)	Nilu Mishra

Date: 25 October 2025		Screen II	Session IV	Time: 11.35AM – 01.30PM
Link II		https://meet.google.com/ddd-ziti-jdu		
Chair 1: Dr. Pavithra G (Conference Chair)			Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_181	A Survey of Multicast Network Simulator			Sonia Singhal
NCCT-2025_182	Comparative Study for Classification of WBC segmented images using Bag of Words and WEKA			Biji G
NCCT-2025_188	Next-Gen Chest Cancer Detection Using AI Techniques			Shravani Yadav
NCCT-2025_189	Design and Implementation of An AI-Based Voice Controlled Wheelchair			Vaidehi M
NCCT-2025_191	Parallel Processing Optimization for VITON-HD Virtual Try-On: Performance Analysis and Resource Management Framework			Thabitha P
NCCT-2025_192	Intelligent Text-to-Presentation System: An NLP-Driven Web Application for Automated PowerPoint Generation with Multi-Format Document Processing and Secure Authentication			M Umarani
NCCT-2025_195	InMAP: Dataset for Indian Medicinal and Aromatic Plants			V Nitesh

NCCT-2025_198	Hybrid Techniques for Object Detection & Tracking: A Review	Bhawna Narwal
NCCT-2025_199	Versatile AI Scanner: A Conceptual Framework for Adaptive Information Retrieval and Projection Using Edge AI	Jangam Poojith
NCCT-2025_200	Exploring the Transformative Role of Blockchain in Healthcare Data Protection and Supply Chain Transparency	Geetanjali Rautela
NCCT-2025_201	A Survey on Adversarial Attacks and Defense Mechanisms in Artificial Intelligence	Akshat Shree Ram Pandey
NCCT-2025_208	AI- Based Procurement Recommendations for Asset Lifecycle Management	Hiteshri Zarbade
NCCT-2025_209	Sign Language Detection System using MobileNetV2: A Deep Learning Approach for Real- Time Recognition	Pratibha Waghale

Lunch Break 01.30 PM – 02.00 PM

Date: 25 October 2025		Screen I	Session V	Time: 02.00PM – 03.30PM
Link I		https://meet.google.com/cqg-idpo-vgv		
Chair 1: Dr. Yogesh Chaba (General Chair)			Chair 2: Dr. E Sudha (Sathyabama Institute of Science and Technology, India)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_210	Classifying Lower Back Disorders Using AI: A Comprehensive Review			Nikita Prasad Giradkar
NCCT-2025_219	Real Time Music Recommendation Based On Facial Emotion Recognition			Sanika Sambhaji Rane
NCCT-2025_223	AI-Driven Approaches to Data Anonymization: Techniques, Challenges, and Legal Perspectives			Dhana Lakshmi MP
NCCT-2025_224	Scalable Hybrid Machine Learning Framework for Interpretable Anomaly Detection in Distributed Server Logs			Ahalya R
NCCT-2025_225	A Multimodal Approach to Stroke Prediction using Deep Learning			Mohanraj VS
NCCT-2025_226	Dynamic Storytelling with AI: Real-Time Adaptation of Narratives Through NLP and Generative Models			Muthu Bala N
NCCT-2025_227	Valam: A Smart Social Platform for the Farmer Community			G Viswanath

NCCT-2025_232	Data Anonymization Using k-Anonymity	Navami K Biju
NCCT-2025_233	Smart Herd: IoT-Driven Insights Into Cattle Activity	Pratham Kumbhare

Date: 25 October 2025		Screen II	Session VI	Time: 02.00PM – 03.30PM
Link II		https://meet.google.com/ddd-ziti-jdu		
Chair 1: Dr. Pavithra G (Conference Chair)			Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_235	Collaborative Programming Platform with Integrated AI Debugger and Code Recommender			Sandhish J
NCCT-2025_236	Differential Privacy Enabled Healthcare AI for Thyroid Disease Prediction			Yashvitha PR
NCCT-2025_238	Multi-Camera Vehicle Recognition and Tracking for Urban Traffic Surveillance Using Deep Learning			Mukesh M
NCCT-2025_240	Secure Image Encryption Using Unrestricted Arnold Map and Logistic Map			Siddhant Mahajan
NCCT-2025_242	Quick Queue-A Web Based Platform for College Canteens			Sarthak Nagesh Dhang
NCCT-2025_243	Glaucoma Detection using Deep Learning on Retinal Fundus Images			Arpita Paria
NCCT-2025_244	Artificial Intelligence In Food Systems: Enhancing Quality, Safety, And Efficiency			Akshara K
				Adithya RK
NCCT-2025_253	Multi-Modal Transformer Framework For Accurate Detection And Counting Of Standing Dead Trees In Forest			VM Jashwanth
NCCT-2025_254	Sustainable Groundwater Quality Management in Agri-industrial Landscape: A Conceptual Framework that Integrates IoTAI Model, Green IT and Vrikshayurveda			Vimal Dungdung

Break 03.30 PM – 03.40 PM

Date: 25 October 2025		Screen I	Session VII	Time: 03.40PM – 05.30PM
Link I		https://meet.google.com/cqg-idpo-vgv		
Chair 1: Dr. Yogesh Chaba (General Chair)			Chair 2: Dr. E Sudha (Sathyabama Institute of Science and Technology, India)	
Paper ID	Paper Title		Registered Authors	
NCCT-2025_255	A Hybrid Refactoring Engine Driven by Code Semantics and Developer Intent		Annapurna Shobitha S	
NCCT-2025_258	Real-Time Crime Monitoring System Using Deep Learning Techniques		CS Harini	
NCCT-2025_257	Modular Automatic Human Syringe Injector		Annapurna Shobitha S	
NCCT-2025_259	AI-Powered Smart Student Bus Pass and Scheduling System		Soumya S	
NCCT-2025_260	Neuro-Fuzzy Reinforcement Learning for Personalized Seizure Warning System on Edge Devices		Annapurna Shobitha S	
NCCT-2025_263	Disease Classification and Recommendation System using CNN and Geo-demographic Data		Mohanasundari DK	
NCCT-2025_266	Synergizing Ayurveda, Technology, and Ethical Commerce: A Tripartite Framework for Women's Holistic Empowerment in South Asia		Tanisha Arora	
NCCT-2025_268	MedAR: AI-Powered Interactive Medical Assistant		Shravani Mahesh Divate	
			Yash Gangamwar	
			Janhavi Gattani	
			Harshwardhan Bhogal	
NCCT-2025_271	Online Vocal Interviewer : Based on AI for Candidate Response Analysis and Evaluation		Parth Rajopadhye	
NCCT-2025_302	Comparison of Various Classification Technique using MRI Images to Detect Malignant or Benign Tumor		Deepali N Lohare	

Date: 25 October 2025		Screen II	Session VIII	Time: 03.45PM – 05.30PM
Link II		https://meet.google.com/ddd-ziti-jdu		
Chair 1: Dr. Pavithra G (Conference Chair)			Chair 2: Dr. Shrabani Medhi (CET College of Engineering, India)	
Paper ID	Paper Title			Registered Authors
NCCT-2025_311	AI Desktop Assistant (FRIDAY)			Swara Rajesh Phirke
NCCT-2025_314	Smart Billing System for Supermarkets Using IoT and Web Technologies			Neelam Chandolika
NCCT-2025_315	Blockchain Powered Fake Product Identification: A Smart Contract and QR Code Approach to Combat Counterfeiting			Shivakumara T
NCCT-2025_318	Deep Learning Techniques for Identifying Fungi in Vine Wood Micrographs			Lakshmi Prasanna Meda
NCCT-2025_319	Network deployment and data collection of Multi-Channel Cluster Tree using Optimization Algorithms			Kanchan
NCCT-2025_323	SPOT-ENERGY: A Data Driven User-Centric Platform for Energy Forecasting and Optimization			Sharvani V
NCCT-2025_320	Features Analysis and its Impact over the Identification and Classification of Date Palm Disease			Husnara Khan
NCCT-2025_325	Epi-Aware Lifeline Analytics: Inventory-Optimized Blood Demand Forecasting with Integrated Epidemiological Intelligence			Sharvani V
NCCT-2025_326	A Comprehensive review on Raspberry Pi: A New Tool to Support Disabled			Shital Nivrutti Katkade
NCCT-2025_327	Forest Fire Detection using Next-Gen Technologies for Ecosystem Protection			Nandini K

Day II: 26 October 2025, Sunday

Time: 08.30 AM – 01.30 PM

Link I	https://meet.google.com/vfj-uvfm-cpf
8.30 AM – 8.33 AM	Welcoming Chairs and Participants to the MLIP AEMI2025 Hinweis International Conference
8.34 AM – 8.37 AM	Welcome Speech: Dr. Yogesh Chaba (General Chair)
8.10 AM – 8.30 AM	Keynote Speech: Dr. Nirali Nanavati (Associate Professor, Sarvajanik College of Engineering and Technology, India)

Date: 26 October 2025		Screen I	Session I	Time: 08.45AM – 10.45AM
Link I		https://meet.google.com/vfj-uvfm-cpf		
Chair 1: Dr. Yogesh Chaba (General Chair)		Chair 2: Dr. Nidhi Sharma (The Technological Institute of Textile and Sciences, India)		
Paper ID	Paper Title			Registered Authors
NCCT-2025_328	FitMate - Smart Gym Planner with AR Fitness Feedback and Diet Guidance			Suraj Jayram Sahare
NCCT-2025_334	IoTShield: Explainable AI-Based Intrusion Detection System for IoT Networks			Anish Santosh Shelar
NCCT-2025_335	SocialScope: A Real-Time Semantic Event Retrieval Framework Using Deep Sentence Embeddings and Sentiment-Aware Ranking			Rutu Rahul Hinge
NCCT-2025_338	Ethical Implications of Biases in AI and Machine Learning Algorithms			Shreya
NCCT-2025_344	Blockchain-Powered Framework for Secure Tamper-Proof and Decentralized Communication in Social Media Platforms			Vijaya Umesh Pinjarkar
NCCT-2025_347	Smart Vehicle Starter System using Face Recognition and Raspberry Pi Pico W			Mohammad Afrin
NCCT-2025_348	Smart Assistive Gloves for Partially Paralyzed People Using Gesture Mode			Boyini Anusha
NCCT-2025_352	Enhancing Software Effort Estimation Accuracy Through a COCOMO II and Agile-Based Hybrid Model			Vedansh Jadhao

NCCT-2025_364	Interpretable Multimodal AI for Hormonal Risk Prediction from Biosignals and Biometric Inputs	Niranjana Devi S
NCCT-2025_366	Harnessing Big Data Analytics For Proactive Cyber Threat Intelligence In Healthcare Information System	Vinesh KV
NCCT-2025_369	Personality Analysis for Leadership Role using NLP	Aditya Mahajan
NCCT-2025_372	NextGen Dynamic Pricing	Sagar Mahesh Kothawale

Date: 26 October 2025		Screen II	Session II	Time: 08.45AM – 10.11AM
Link II		https://meet.google.com/mda-yezu-rxd		
Chair 1: Dr. M Sujithra (Conference Chair)			Chair 2: Dr. Nidhi Bansal (Manav Rachna International Institute of Research and Studies, India)	
Paper ID	Paper Title		Registered Authors	
NCCT-2025_375	Flood Detection using a Submersible Pump and SMS Alert		Nari Manisha	
NCCT-2025_376	Depression Severity Stratification via Multimodal Integration of Physiological, Behavioral, and Clinical Assessments		Rinki Kumari	
NCCT-2025_378	Log Monitoring And Alerting System Using Devops		Aparna Gullapelly	
NCCT-2025_379	IndiSign: Harnessing Multi-sensor Data for Indian Sign Language Recognition		Ayush Shandilya	
			Rehan Ahmed	
			Vijapura Akibbhai	
			Sabuj Das	
NCCT-2025_380	DishaAI- Personalized AI Career Guidance Chatbot Using Generative AI		Harshal Mangal Petkar	
NCCT-2025_381	Detection of Fake News utilizing Machine Learning Approaches		Bhavani K	
NCCT-2025_382	Radio Resource Scheduling in Cellular-V2X: Bibliometric Analysis of Research Trends and Future Directions (2015-2025)		Rajani P Kurup	
NCCT-2025_383	Road Accident Severity Prediction		Aparna Gullapelly	
NCCT-2025_389	LOCOEYE - Detection of Railway Signal Lights and Pedestrians on Tracks Using YOLOv8		Swathi Y	

NCCT-2025_390	Advancing Medical Image Processing through Deep Learning: An Application of DeepLabV3+	Ramya J
		J Veena Rathna Augesteelia
		Kalpana A
NCCT-2025_398	Prediction of Amyotrophic Lateral Sclerosis: A Survey of Computational Approaches	L Dharshana Deepthi
NCCT-2025_399	Contextualized Multi-Aspect Evaluation of TextSummarization	Rahul Bhaurao Diwate
NCCT-2025_401	Mitigation of Thermal Stress in UAV DC Motor	Ragavapriya RK

Break 11.00 AM – 11.15 AM

Date: 26 October 2025		Screen I	Session III	Time: 11.15AM – 01.30PM
Link I		https://meet.google.com/vfj-uvfm-cpf		
Chair 1: Dr. Yogesh Chaba (General Chair)			Chair 2: Dr. S Boopathi (Sardar Patel Institute of Technology, India)	
Paper ID	Paper Title			Registered Authors
AEEE-2025_8	Skin Guard: Intelligent Detection and Management of Skin Cancer			Kranthi Madala
AEEE-2025_9	XGBoost-Based Fault Classification System for Induction Motors with Real-Time Dashboard Integration			K Sebasthirani
AEEE-2025_10	Wearable Devices And it's applications			Ishpreet Kaur
AEEE-2025_13	Innovations in Smart Irrigation and Agricultural Technologies: An In-Depth Review of Recent Developments			S Arun
AEEE-2025_22	Sinusoidal Pulse Width Modulation for Speed Regulation of a Three-Phase Induction Motor under Load			Basavarajappa SR
AEEE-2025_26	Human Action Recognition Using Deep Neural Networks			Priyanka Nagesh Bhimnath
AEEE-2025_28	Diverse Control Strategies for Frequency Regulation in Islanded Microgrids: A Systematic Comparison			Anurag D Borkhade
AEEE-2025_37	A Survey on High-Frequency Operable AFE-RDC-MLI Topologies			Hareesh A
				Adhipa KR
AEEE-2025_41	RISC-V based Cryptographic ECC-AES Hybrid Core for Secure Communications			S Bharath

AEEE-2025_42	Reconfigurable Memristor-Enhanced Circuit Design for Neural Network Applications	Swarna M
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Date: 26 October 2025		Screen II	Session IV	Time: 11.15AM – 01.30PM
Link II		https://meet.google.com/mda-yezu-rxd		
Chair 1: Dr. M Sujithra (Conference Chair)			Chair 2: Dr. Ayush Kumar (Albertian Institute of Science and Technology, India)	
Paper ID	Paper Title			Registered Authors
AEEE-2025_44	Slice-Based versus Volumetric Deep Learning Classification for Breast Cancer Detection in Digital Breast Tomosynthesis			P Harsha Latha
AEEE-2025_45	Performance Evaluation of Billet Handling Systems: A Review on Time, Safety, Cost, Rejection Ratio, Precision and Efficiency			Sairaj Ashok Khade
AEEE-2025_46	Smart Monitoring System For Driver Alertness			Siddhesh Kishor Chaudhari
AEEE-2025_48	IOT based Water Quality Monitoring System			Shantanu Ramesh Jadhav
AEEE-2025_803	Performance Evaluation of Kalman-Based Algorithms for SoC Estimation in Electric Vehicle Batteries			Pratik Ravi Dhabe
AEEE-2025_804	RTL to GDSII Implementation of UART Communication over RSA Algorithm using 90nm Technology			Vasudeva G
AEEE-2025_806	Design and Implementation of an IoT-Based Smart Glove for Assistive Communication and Elderly Safety			MK Linga Murthy
AEEE-2025_811	A Review on AI-Based Classification and Staging of MonkeyPox			Akshata Deepak Wadgaonkar
AEEE-2025_815	An Accurate Low-Power Power-on-Reset Circuit in 45-nm CMOS Technology			Muggu Shirisha
AEEE-2025_820	A Low-Cost IMU-Based System for Real-Time Barbell Repetition Counting			Siddharth Bhorge

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