

# 9<sup>th</sup> International Conference on Computing in Engineering & Technology (ICCET) 2026

Dnyanvilas College of Engineering (DVCOE), Pune, Maharashtra

## Inaugural Ceremony

Date: 30 July 2026 | Time: 10.30am

Link:

<https://l1nk.dev/8dsf7wn>

## Track Schedule

| Day 1 – Track A : Signal Processing, Communication Network and Robotics                                                |         |                                                                                   |                          |
|------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|--------------------------|
| Date: 30-07-2026                                                                                                       |         | Time: 2pm to 5pm                                                                  | Location :- Seminar Hall |
| Session Manager: - Prof. Mira Sadar<br>Volunteers: - 1. Atharv Shirke---7559314643<br>2. Shreya Tarmude --- 9699113327 |         | Session Chair: 1) Dr. Rajeev Arya (External)<br>2) Dr. Swati Kamthekar (Internal) |                          |
| Sr. No.                                                                                                                | PaperID | Title of the Paper                                                                | Presenter                |
| 1                                                                                                                      | 341*    | IOT-enabled smart intravenous drip monitoring and alert system for patient safety | Nivesh Jain              |
| 2                                                                                                                      | 347     | Comparison and analysis of WIFI standards                                         | Viranchi Pandya          |

|   |     |                                                                                                                                                         |                             |
|---|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 3 | 350 | QUANTUMFORGE: A hybrid quantum-classical semiconductor simulation platform integrating VQE-based bandgap computation with TCAD-inspired device modeling | Piyush Gawali               |
| 4 | 408 | Securing Digital Identities Using a Custom Convolutional Neural Network                                                                                 | Pratiksha. M. Jamdade       |
| 5 | 410 | An Adaptive Neural Network Framework for Underwater Image Color Restoration and Contrast Enhancement                                                    | Ms. Prachiti Prafulla Patil |
| 6 | 424 | HPC-based spectre attack detection using a hybrid CNN-BILSTM model                                                                                      | Anuj Abhang                 |
| 7 | 440 | Recognition Of Criminal – Relevant Emotions from EEG Signals Using Deep Learning Classifiers                                                            | Dr. Aparna Pande            |

**Note: \*Paper IDs kindly contact 9595483837**

**Note:** The Conference Chair reserves the right to revoke the acceptance, presentation or publication of any paper at any stage if it is found to be non-compliant with the conference guidelines. This includes, but is not limited to, violations related to the permitted number of authors, page limit, author affiliations, formatting requirements, plagiarism, originality of paper, registration requirements, or any other conference policies.

| Day 1 – Track B : Indian Knowledge system( IKS) & Artificial Intelligence                                                     |         |                                                                                                                                                  |                                          |
|-------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Date: 30-07-2026                                                                                                              |         | Time: 2pm to 5pm                                                                                                                                 | Location:- Class Room 202                |
| Session Manager: - Prof. Aparna Bairagi<br>Volunteers: - 1. Pranjali Patil ---- 7588535506<br>2. Karan Sarode ---- 8459781873 |         | Session Chair: 1) Dr. Sanjeev Kumar Angadi (External)<br>2) Prof. Abhishek Gaikwad (Internal)                                                    |                                          |
| Sr. No.                                                                                                                       | PaperID | Title of the Paper                                                                                                                               | Presenter                                |
| 1                                                                                                                             | 36*     | Transforming Healthcare: AI-powered Supercomputing for Faster, Smarter, and Cheaper Drug Discovery                                               | Kaushalya Thopate                        |
| 2                                                                                                                             | 214     | Dependency Health-Aware Risk Propagation for NPM Projects                                                                                        | Rakesh Maganaram Choudhary               |
| 3                                                                                                                             | 255*    | SAFE-MIND: An AI-Based Multimodal Mental Health Assessment Framework Integrating Facial Emotion Recognition and Clinical Psychological Screening | Abhishek Soni                            |
| 4                                                                                                                             | 388*    | AI SOS guardian: a privacy-first mobile emergency response system                                                                                | Niraj A. There                           |
| 5                                                                                                                             | 465     | Optical Character Recognition of Historic MODI Script Using a Multi-Modal ResNet-18                                                              | Samruddhi Patil                          |
| 6                                                                                                                             | 483     | VisionAssist: An Intelligent Wearable System for Visual Assistance Using Real-Time AI                                                            | Anuj S Chandak                           |
| 7                                                                                                                             | 407     | Delay-aware intelligent cloudlet placement in fiber-wireless networks using DRL-GNN                                                              | Mausmi Verma, Dilip Mandloi, Rajeev Arya |
| 8                                                                                                                             | 050     | OmegaDigits: A Multimodal Affective Computing Framework for Human-Centered Emotionally Intelligent Computational Assistance                      | Advait Karwa                             |
| 9                                                                                                                             | 445     | Machine learning-based prediction of aerodynamic performance of wind turbine airfoils using PARSEC geometric parameters                          | Vishal Birajdar                          |

| Day 1 – Track C : Smart Energy Technologies and Engineering                                                    |         |                                                                                                                                    |                            |
|----------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Date: 30-07-2026                                                                                               |         | Time: 2 pm to 5 pm                                                                                                                 | Location: - Class Room 203 |
| Session Manager: - Prof. Sarika Joshi<br>Volunteers :- 1. Janhavi Birajdar -- 93227 46783<br>2. Varad Khedekar |         | Session Chair: 1) Dr. Prashant Kumbharkar (External)<br>2) Dr. Pravin Patil (Internal)                                             |                            |
| Sr. No.                                                                                                        | PaperID | Title of the Paper                                                                                                                 | Presenter                  |
| 1                                                                                                              | 48      | DEIT driven anomaly detection in real time surveillance environments                                                               | Ashmita Chakraborty        |
| 2                                                                                                              | 54      | Hybrid agentic framework for service composition with recursive reasoning                                                          | Prof Vaishali Ingale       |
| 3                                                                                                              | 159     | NeuroSwarm: A Hybrid Transformer–Swarm Intelligence Framework for Smart Building Energy Optimization                               | Kalakshi Jadhav            |
| 4                                                                                                              | 346     | Yield prediction and canopy statistics estimation from thermal crop images                                                         | Neeta B. Bankhele          |
| 5                                                                                                              | 360     | A hybrid MACNN–RFEANET framework for multi-class cache side-channel attack detection                                               | Manoj N. Rathod            |
| 6                                                                                                              | 366     | Smart crop prediction using IOT & machine learning approach                                                                        | Viranchi Pandya            |
| 7                                                                                                              | 399     | Single-game chess rating prediction using dual-depth stockfish analysis                                                            | Aneesh Phatak              |
| 8                                                                                                              | 470     | AI Hiring Platform: An Intelligent Recruitment System Using LLM-Based Multi-Dimensional Candidate Evaluation and Automated Ranking | Tushar Garad               |

| Day 2 – Track A : Signal Processing, E& TC, Communication Network and Robotics                                            |         |                                                                                                                                                            |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                          |         | Time: 8 am to 11 am                                                                                                                                        | MS Teams Link:<br><a href="https://l1nk.dev/pk1hdgq">https://l1nk.dev/pk1hdgq</a> |
| Session Manager: - Prof. Afsar Shaikh<br>Volunteers: - 1. Aditya Kotmod---- 8956371657<br>2. Nidhi Bhalerao--- 9699020073 |         | Session Chair: 1) Dr. Ashish Mulajkar (External)<br>2) Prof. Priyanka Kulkarni (Internal)                                                                  |                                                                                   |
| Sr. No.                                                                                                                   | PaperID | Title of the Paper                                                                                                                                         | Presenter                                                                         |
| 1                                                                                                                         | 22*     | A concentric circular-ring MIMO Antenna with enhanced isolation for 5G 28/38 ghz communication                                                             | Chandrasekhar Rao Jeti                                                            |
| 2                                                                                                                         | 96      | UCMEF: A Unified Comparative Mobility Evaluation Framework for Mobility Model Assessment in FANETs                                                         | Rekha Budhwar                                                                     |
| 3                                                                                                                         | 97*     | EduVoice: An Intelligent Accent and Slang Normalization Framework for Enhanced Educational Communication                                                   | Swetha Mamidi                                                                     |
| 4                                                                                                                         | 99      | A GAN-Enhanced Monothetic Analysis Framework for Botnet Intrusion Detection in IoT-Enabled Automated Guided Vehicles                                       | Rajagopalan R                                                                     |
| 5                                                                                                                         | 102     | Spectral-Guided Channel-Aware Residual Learning for Hyperspectral Image Simulation From Multispectral Data                                                 | Manchala Dinesh Kumar                                                             |
| 6                                                                                                                         | 164*    | Digital Twin Architecture for Collaborative Autonomous Mobile Robots in Industrial IOT Environments with Reinforcement Learning and Predictive Maintenance | Perarasi M                                                                        |
| 7                                                                                                                         | 166*    | GNN-Based Intelligent Network Traffic Modeling for Zero-Day Attack Detection in Industrial IoT Systems                                                     | Girirajkumar                                                                      |
| 8                                                                                                                         | 213     | DVA-MD: A Leakage-Aware Dual-View Framework for Family-Level and Binary ARM-PCAP IoT Malware Detection                                                     | Abhirup Mandal                                                                    |
| 9                                                                                                                         | 283     | An Intelligence Framework for Secure Audio Signal Transmission with confirming authentication over Wireless Acoustic Sensor Networks                       | Utpal Ghosh                                                                       |

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|----|------|--------------------------------------------------------------------------------------------------------|---------------------|
| 10 | 488  | Biometric-Keyed Multi-Layer Chaotic Encryption for Secure Agricultural IoT Drone Communications        | Subhashini Shaw     |
| 11 | 449  | IOT-driven intelligent waste monitoring system with multi-hazard detection and voice alert integration | Ishwari R. Narkhede |
| 12 | 415* | DivBank: Bank Conflicts Under Warp Divergence                                                          | Kapil Tangsali      |

| Day 2 – Track B: Signal Processing, E& TC, Communication Network and Robotics                                              |         |                                                                                                                                                                              |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                           |         | Time: 09.00 am to 12.00 pm                                                                                                                                                   | MS Teams Link:<br><a href="https://l1nk.dev/ctpntgd">https://l1nk.dev/ctpntgd</a> |
| Session Manager: - Mrs. Sonali Salunkhe<br>Volunteers: - 1. Atharv Shirke---7559314643<br>2. Shreya Tarmude --- 9699113327 |         | Session Chair: 1) Dr. Shital Kulkarni (External)<br>2) Prof. Abhishek Gaikwad (Internal)                                                                                     |                                                                                   |
| Sr. No.                                                                                                                    | PaperID | Title of the Paper                                                                                                                                                           | Presenter                                                                         |
| 1                                                                                                                          | 456     | YQDR-NET: A denoising-assisted deep learning framework for robust invisible full-colour QR watermarking                                                                      | Shikha Yadav                                                                      |
| 2                                                                                                                          | 491     | DENSE4DR-CS: Investigating the effect of colour space transformation on lesion-aware hybrid deep learning framework for diabetic retinopathy severity grading                | Faiz Rangari                                                                      |
| 3                                                                                                                          | 274     | Intelligent Spectrum Analysis and Adaptive Channel Filtering Using SNR Power Estimation and Clustering for Cognitive Radio Applications                                      | Nandhakumar R                                                                     |
| 4                                                                                                                          | 400*    | SonicSearch: A Privacy-Aware Framework for Timestamp-Based Audio-Video Search and Sensitive Information Detection                                                            | Mridul Singh                                                                      |
| 5                                                                                                                          | 485     | Forward channel sequencing-based mac scheme for multi-event spectrum handoff in CR-IIOT networks                                                                             | Bikash Mazumdar                                                                   |
| 6                                                                                                                          | 238     | A Hybrid Restricted Boltzmann Machine and Balanced Iterative Reducing and Clustering using Hierarchies (RBM-BIRCH) Framework for Multi-Class IoT Network Intrusion Detection | Venkatvishaal T S                                                                 |
| 7                                                                                                                          | 277     | A Comprehensive Review of Path Planning Techniques for Mobile Robots                                                                                                         | Param Saxena                                                                      |
| 8                                                                                                                          | 381     | Performance Analysis of Planar Antenna Synthesis and Design using ML and LLM approach                                                                                        | Swapnil A Ashtekar                                                                |
| 9                                                                                                                          | 348*    | Analysis of silicon-germanium bipolar transistor from room temperature down to cryogenic temperature                                                                         | Dinesh Gupta                                                                      |

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|----|-----|----------------------------------------------------------------------------------------------|--------------------|
| 10 | 398 | Adapt Prune: An Input-Adaptive Run-Time Pruning Framework for Efficient Deep Neural Networks | Shivika Mittal     |
| 11 | 454 | An intelligent ESP32-based automated irrigation system for sustainable agriculture           | Gauri Girish Patil |

| Day 2 – Track C: Indian Knowledge system( IKS) & Artificial Intelligence                                                      |         |                                                                                                                                 |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                              |         | Time: 8 am to 11 pm                                                                                                             | MS Teams Link:<br><a href="https://hostyurl.in/EuKfSO">https://hostyurl.in/EuKfSO</a> |
| Session Manager: - Prof. Alka Rudrakanthwar<br>Volunteers :- 1. Shreya Patil ---- 7972136758<br>2. Aryan Patil---- 7745880485 |         | Session Chair:- 1) Prof. Yogesh Pawar ( External)<br>2) Prof. Subhashree Das ( Internal)                                        |                                                                                       |
| Sr. No.                                                                                                                       | PaperID | Title of the Paper                                                                                                              | Presenter                                                                             |
| 1                                                                                                                             | 7       | A hybrid efficientnet–vision transformer framework for multiclass skin cancer classification                                    | Pavan A C                                                                             |
| 2                                                                                                                             | 14      | A Review on Machine Learning Approaches for Cardiovascular Disease Prediction                                                   | Sumant Mankotia                                                                       |
| 3                                                                                                                             | 26      | LOGHIDS: A multi-layer log-based intrusion detection framework for insider threat detection in HADOOP environments              | Shivam Aggarwal                                                                       |
| 4                                                                                                                             | 47      | Log-based anomaly detection in software systems: a systematic review of machine learning, deep learning, and hybrid approaches  | Suraj Regi                                                                            |
| 5                                                                                                                             | 82      | An Empirical Study of Fraud Detection Techniques in Online Payment Systems                                                      | Akshay Rajput                                                                         |
| 6                                                                                                                             | 95      | A Hybrid Deep Learning Framework for Offline Signature Forgery Detection and Verification Using Vision Transformers and XGBoost | Ashish Kumar Srivastava                                                               |
| 7                                                                                                                             | 103     | Machine learning model for early-stage leaf disease classification using multi-spectral data                                    | Swetha C S                                                                            |
| 8                                                                                                                             | 107     | Agentic AI for Financial Market Prediction Using Social Media Sentiment and Graph Intelligence                                  | Shivani Jain                                                                          |
| 9                                                                                                                             | 128     | Evaluation-Driven RAG Framework for Grounded Research Paper Analysis                                                            | Sreekar Movva                                                                         |

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|----|------|-----------------------------------------------------------------------------------------------------|--------------|
| 10 | 039* | CLEANPOSE-FORMER: efficient large-vocabulary sign language recognition via pure spatial coordinates | Akhil Kumar  |
| 11 | 052  | Real-time PPE compliance monitoring using deep learning                                             | Sameer Panda |

| Day 2 – Track D: Indian Knowledge system( IKS) & Artificial Intelligence                                                   |         |                                                                                                                                        |                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                           |         | Time: 9 am to 12 pm                                                                                                                    | MS Teams Link:<br><a href="https://shorturl.at/VTwUG">https://shorturl.at/VTwUG</a> |
| Session Manager: - Prof. Sarika Joshi<br>Volunteers: - 1. Janhavi Birajdar-- 93227 46783<br>2. Varad Khedekar-- 9764073521 |         | Session Chair: - 1) Dr. Ashwini Sapkal<br>2) Dr. Aparna Pande                                                                          |                                                                                     |
| Sr. No.                                                                                                                    | PaperID | Title of the Paper                                                                                                                     | Presenter                                                                           |
| 1                                                                                                                          | 055*    | AI-Driven Laser Surveillance System for Preventing Animal Intrusion in Farms                                                           | Malde Saicharan                                                                     |
| 2                                                                                                                          | 073     | A CNN-Based Multimodal Approach for Early Alzheimer Diagnosis                                                                          | Diksha Modi                                                                         |
| 3                                                                                                                          | 131     | Optimizing deep learning for leukemia prediction using a hybrid PSO-GWO metaheuristic approach                                         | Sonali Das                                                                          |
| 4                                                                                                                          | 174     | Weakly supervised deep learning for prediction of TP53 functional mutation from routine H&E Whole-slide images in esophageal carcinoma | Aditya Raj                                                                          |
| 5                                                                                                                          | 185     | AI-driven observability and security in cloud-native data platforms: a DEVSECOPS framework for intelligent operations                  | Chaitanya Bharath Somineni                                                          |
| 6                                                                                                                          | 193     | A BERT-based hybrid synthetic data generation framework for mitigating class imbalance in aspect-based sentiment analysis              | Pratistha Sharma                                                                    |
| 7                                                                                                                          | 272     | Comparative evaluation of deep learning models for multi-noise suppression in breast ultrasound imaging                                | Amita Salaria                                                                       |
| 8                                                                                                                          | 396     | MLPROADNET: A dilated DSD encoder and MLP-mixer framework for topology-aware road extraction                                           | Siddhi V Lad                                                                        |

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|----|-----|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 9  | 421 | Explainable transformer-based clinical prognostic framework for survival and pathological stage prediction in pancreatic ductal adenocarcinoma | Bhanu Kumar   |
| 10 | 479 | Beyond accuracy: a dual-metric evaluation of deep neural network robustness and calibration under covariate shift                              | Bibek Jaiswal |
| 11 | 453 | BioLRE: Supervised Contrastive Representation Learning with Adaptive Latent Augmentation for Colorectal Adenocarcinoma                         | Piu Upadhyay  |

| Day 2 – Track E: Indian Knowledge system( IKS) & Artificial Intelligence                                                   |         |                                                                                                                                                                |                         |
|----------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Date: 31-07-2026                                                                                                           |         | Time: 08 am to 11 am                                                                                                                                           | MS Teams Link:          |
| Session Manager: - Prof. Aparna Bairagi<br>Volunteers: - 1. Sharada Katkade--7387742875<br>2. Swapanali Mule--- 9307526625 |         | Session Chair: - 1) Dr. Kunal Pawar<br>2) Prof. Mira Sadar                                                                                                     |                         |
| Sr. No.                                                                                                                    | PaperID | Title of the Paper                                                                                                                                             | Presenter               |
| 1                                                                                                                          | 444     | An AI-based smart agriculture decision support system for precision crop management                                                                            | Gauri Girish Patil      |
| 2                                                                                                                          | 361     | Comparative deep learning evaluation for forest fire and smoke classification toward environmental sustainability                                              | Mayank S Bhakuni        |
| 3                                                                                                                          | 428     | A Multimodal Graph Attention Networks for Autism Spectrum Disorder Classification                                                                              | Premnath K              |
| 4                                                                                                                          | 328     | XAI-Based Credit Risk Management System                                                                                                                        | Hemanth Venkata Sai     |
| 5                                                                                                                          | 321     | A Robust Deep Learning Framework for Multi-Lingual Signature Verification Using Hybrid Ensemble Models                                                         | Ashish Kumar Srivastava |
| 6                                                                                                                          | 158     | Cognitive Agentic AI Framework for Smart Home Automation with Reinforcement Learning and Trust-Aware Decision Making                                           | Sanket Dalvi            |
| 7                                                                                                                          | 177     | Detecting configuration drift across salesforce organizations: a semantic metadata comparison tool for CI/CD pipelines                                         | Murali Mohan Reddy      |
| 8                                                                                                                          | 478     | EEG-based detection of alzheimer’s disease: a review of optimal wavelet filter banks, metaheuristic channel selection, and low-complexity deep learning models | Digambar V. Puri        |

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|----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 9  | 322 | Secure multi-party computation using federated learning for big data in sustainable healthcare systems                                                       | Suganya S1       |
| 10 | 451 | Optimizing CNN by Inception: A critical study of Adam, Adamax, Nadam and RMSprop optimizers for Accuracy and Loss in Solanum Lycopersicum disease detection. | Wadadare Swati   |
| 11 | 452 | Large Language Models in Finance: A Comprehensive Review of Financial NLP, Sentiment Analysis, and Intelligent Decision Support Systems                      | Amey Nandgaonkar |

| Day 2 – Track F : Smart Energy Technologies and Engineering                                                                       |         |                                                                                                                               |                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                                  |         | Time: 09 am to 12 pm                                                                                                          | MS Team Link<br><a href="https://acesse.one/bld09yi">https://acesse.one/bld09yi</a> |
| Session Manager: - Prof. Neha Badgujar<br>Volunteers: - 1 Saish Surwase ----- 9309341989<br>2. Vaishnavi Kalshetty---- 8459307519 |         | Session Chair: 1) Dr. Amol Sonawane (External)<br>2) Dr. Mukund Kharde (Internal)                                             |                                                                                     |
| Sr. No.                                                                                                                           | PaperID | Title of the Paper                                                                                                            | Presenter                                                                           |
| 1                                                                                                                                 | 8       | Real-time Indian sign language recognition model using deep learning                                                          | Santosh Kumar                                                                       |
| 2                                                                                                                                 | 028     | A new approach for face mask detection system using RESNET50V2 architecture                                                   | Nilesh Pandey                                                                       |
| 3                                                                                                                                 | 033     | A cross-attention hybrid CNN–vision transformer with supervised spatial guidance for explainable chest x-ray classification   | Siddhant Thapa                                                                      |
| 4                                                                                                                                 | 064     | Graph-Based Contextual Intelligence Framework (GBCIF) for Detecting Hate Speech and Disinformation in Social Media Ecosystems | S. P. Santhoshkumar                                                                 |
| 5                                                                                                                                 | 069     | Hierarchical distillation of LLMs                                                                                             | Nishi Mahadik                                                                       |
| 6                                                                                                                                 | 105     | Volatility-Adaptive Candlestick Pattern Recognition via Heikin-Ashi Preprocessing and Random Forest Evaluation                | Arzoo Rai                                                                           |
| 7                                                                                                                                 | 109     | An Optimized Mobile Agent Framework for Energy-Efficient Data Aggregation in Wireless Acoustic Sensor Networks                | Utpal Ghosh                                                                         |
| 8                                                                                                                                 | 125     | Motor Intention Detection in EEG-Based Brain–Computer Interfaces Using a Hybrid CNN–Transformer Architecture                  | Gaurang Pal                                                                         |

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|----|-----|-----------------------------------------------------------------------------------------------------------|---------------------|
| 9  | 188 | CLIP-SKFE: semantic-aware keyframe extraction guided by caption diversity for video to text summarization | Heenakausr Pendhari |
| 10 | 203 | Color-Aware CNN for Traffic Sign Recognition: A Comparative Study on GTSRB and Indian Road Conditions     | Sumant Mankotia     |

| Day 2 – Track G : Smart Energy Technologies and Engineering                                                                                  |         |                                                                                                                                                                           |                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Date: 31-07-2026                                                                                                                             |         | Time: 9.00 am to 12.00 pm                                                                                                                                                 | MS Team Link<br><a href="https://l1nk.dev/tiob0t4">https://l1nk.dev/tiob0t4</a> |
| <b>Session Manager: - Ms. Pratiksha Borhade</b><br><b>Volunteers :- 1 Rutuja Jagtap-- 9021646199</b><br><b>2 Anmisha Mishra-- 8329997644</b> |         | <b>Session Chair: 1) Dr. Sagar Joshi</b><br><b>2) Prof. Vishal Birajdar</b>                                                                                               |                                                                                 |
| Sr. No.                                                                                                                                      | PaperID | Title of the Paper                                                                                                                                                        | Presenter                                                                       |
| 1                                                                                                                                            | 242     | An intelligent multi-agent framework for attendance monitoring and notification using adaptive dynamic templates                                                          | Madki Sai Charan                                                                |
| 2                                                                                                                                            | 308*    | Attention-enhanced lightweight fusion for facial emotion detection                                                                                                        | Rasam Vinodh                                                                    |
| 3                                                                                                                                            | 311     | Plant Growth Stage Classification and Yield Prediction Using Multi-Scale Thermal Deep Features                                                                            | Neeta B. Bankhele                                                               |
| 4                                                                                                                                            | 331     | PrivTwin-FL: Physiologically Grounded Digital-Twin Aggregation and Drift Detection for Privacy-Preserving Federated ECG Diagnostics across Multi-Center Hospital Networks | Ambuja N                                                                        |
| 5                                                                                                                                            | 332     | An Explainable Neuromorphic Transformer Framework for Potato Leaf Disease Classification                                                                                  | Riya Rawal                                                                      |
| 6                                                                                                                                            | 351     | SUSTAGROAI: A soil-climate-aware ml framework for sustainable crop suitability recommendation                                                                             | Mayank S Bhakuni                                                                |
| 7                                                                                                                                            | 352     | Comparative transfer learning-based waste image classification for sustainable solid waste management                                                                     | Mayank S Bhakuni                                                                |
| 8                                                                                                                                            | 363     | Privacy-preserving federated hybrid vision transformers for diabetic retinopathy screening in resource-constrained rural clinics                                          | Ankit Raj                                                                       |

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|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| 9  | 413 | SAGE: An adaptive multi-modal computer vision framework for real-time industrial assembly guidance, step-level verification and traceability | D. Sai Khushee    |
| 10 | 467 | An intelligent driver drowsiness detection method based on real-time eye monitoring using convolutional neural networks                      | Suvarna R. Girase |
| 11 | 411 | ESRGAN-Enhanced ConvNeXt Architecture for Multi-Class WBC Image Classification and Visual Interpretation                                     | Chahna Monica     |

**Note: \*Paper IDs kindly contact 9595483837**

**Note:** The Conference Chair reserves the right to revoke the acceptance, presentation or publication of any paper at any stage if it is found to be non-compliant with the conference guidelines. This includes, but is not limited to, violations related to the permitted number of authors, page limit, author affiliations, formatting requirements, plagiarism, originality of paper, registration requirements, or any other conference policies.