

**DAY 1 — Friday, 26 June 2026**

**Track 1: AI Cognition, Human-Computer Interaction & Intelligent Systems**

**Mode: Online**    **Venue:** Convention Hall

Sr.	Paper ID	Title	Authors
1	5	<b>Evaluating the Influence of Artificial Intelligence Feedback on Human Confidence and Decision Accuracy in Complex Problem-Solving Tasks</b>	<i>Oparinde, Omolola; Ogunlola, John; Adewole, Oluwakemisola; Oyebamiji, Kafayat; Aremu, Dan; Alao-Olatunji, Blessing</i>
2	44	<b>JewelFit 3D: A Dual-Mode Real-Time Virtual Jewelry Try-On System Using MediaPipe Landmark Detection and Physically Based 3D Rendering</b>	<i>Deshmukh, Sanyukta; Chavan, Pruthviraj; Chavan, Balaji; Dangat, Rushikesh; Darak, Samarth</i>
3	62	<b>KinVision: Deep Learning-Based Kinship Verification</b>	<i>Patil, Rushikesh; Koli, Akash</i>
4	67	<b>Hyperspectral and Thermal Imaging for Anomaly Detection: Trends, Challenges, and Future Directions</b>	<i>Chauhan, Pari; Chauhan, Srishti; Tiwari, Stuti</i>
5	73	<b>Planning and Control Aspects in Make-to-Order Manufacturing Systems</b>	<i>Shinde, Tanmay</i>
6	75	<b>SmartResolve: A Generic LLM Driven Root Cause Ontology Framework</b>	<i>Natarajan, Deeraj</i>
7	182	<b>Federated Learning with Homomorphic Encryption and Median-of-Means Aggregation: Balancing Privacy, Robustness, and Efficiency</b>	<i>Kothavle, Suhas*; Chandre, Pankaj</i>
8	190	<b>The TRUST Framework: Bridging Cybersecurity Awareness and Real-Time Decision Making – A Comparative Analysis with Existing Models</b>	<i>Puja Devgun</i>

**Track 2: Data Intelligence, Mental Health Tech & Sustainable Computing**

**Mode: Offline**    **Venue:** Seminar Hall I

Sr.	Paper ID	Title	Authors
1	184	<b>Ensemble Selection Framework for Intelligent Crop Recommendation</b>	<i>Dr. Omprakash Mandge</i>
2	72	<b>How Digital Transformation Helps to Grow the Business</b>	<i>Soni, Yash; Gaonkar, Bhushan; Tailor, Deep; Singh, Rohit; Surve, Siddharth</i>
3	113	<b>Temporal Coherence Regularization for Smooth Sequential Audio Embeddings</b>	<i>Shukla, Rishabh; Siddique, Mohammed Alamzeb; Singh, Akash; Devgun, Puja</i>
4	123	<b>Motivating Green Behaviour with Digital Rewards</b>	<i>More, Ritesh; Naik, Atharva; Patil, Harsh; Achar, Chetna</i>
5	124	<b>Hybrid SQL and Vector Query Optimization: A Survey of Architectures, Algorithms, and Systems</b>	<i>Ranveer, Tejas; Puro, Soham; Rathore, Rudrakshi; Shishupal, Rishi; Devgan, Prof. Puja</i>

<b>6</b>	128	<b>Early Depression Risk Detection Using Smartphone and Sleep Data</b>	<i>Pandey, Priyam; Mane, Vaishnavi; More, Prathmesh; Achar, Chetna</i>
<b>7</b>	134	<b>Assessing the Effectiveness of Traditional Technical Indicators in Algorithmic Trading Systems</b>	<i>Dhakad, Advait; Bhure, Aniket; Gaikwad, Srushti; Gupta, Shruti</i>
<b>8</b>	135	<b>Detecting Mental Exhaustion Through Typing Characteristics: An Ensemble Machine Learning Strategy</b>	<i>Kirnayake, Swapnil; Suchak, Krishna; Tiwari, Om; Yadav, Pooja; Gaonkar, Bhushan</i>
<b>9</b>	69	<b>HealthLedger SynexAI: Zero-Knowledge Proof-Enabled Blockchain-Federated Learning for Privacy-Preserving Disease Prediction</b>	<i>Shaikh, Kaysan*; Prajapati, Shivam; Salgaonkar, Tanmay; Devgun, Puja</i>
<b>10</b>	186	<b>Iterative Health: A Framework for Applying Agile Software Development Principles to Personal Fitness.</b>	<i>Bhushan Gaonkar</i>

**Track 3: Smart Cities, IoT & AI-Driven Environmental Systems**

**Mode:** Offline **Venue:** Seminar Hall II

<b>Sr.</b>	<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
<b>1</b>	144	<b>AI-Driven Urban Air Quality Prediction Using Sensor Data for Sustainable Cities</b>	<i>Yadav, Pooja; Singh, Radheshyam; Thorat, Aayush; Patel, Abdullah</i>
<b>2</b>	147	<b>Gesture Controlled Face Verification System</b>	<i>Chavan, Yash; Chaughule, Nitin; Dhawan, Vaibhav</i>
<b>3</b>	148	<b>A CAD-Guided No-Retrain Edge AI Framework for Real-Time PCB Component Inspection</b>	<i>Bharambe, Yash; Dalvi, Shubham; Gawkar, Nirmeet</i>
<b>4</b>	165	<b>AI-Powered Water Distribution Optimization in Smart Cities</b>	<i>Jha, Abhay; Gutte, Chandrakant; Kandikatte, James; Gonsalves, Flavia</i>
<b>5</b>	171	<b>A Proposed Framework for Dehydration Detection Using Smartphone Touch Pressure and Machine Learning</b>	<i>Chavan, Snehal; Barhate, Srushti; Chaudhari, Falguni; Bansod, Meghavi; Mandge, OmPrakash</i>
<b>6</b>	172	<b>AI-Powered Automated Content Generation Platform</b>	<i>Sawant, Priyanka; Sherigar, Sharan; Shrivastav, Shubham; Devgun, Puja</i>
<b>7</b>	173	<b>Air Pollution Prediction Using Machine Learning Techniques and Renewable Energy Analysis</b>	<i>Jetham, Zoya; Kizhiyapat, Anjana; Kulaye, Tanmayee; Jagad, Siddhi</i>
<b>8</b>	177	<b>Explainable Sentiment Analysis Using BERT and SHAP: Towards Trustworthy AI for Social Media Understanding</b>	<i>Khandagale, Minakshi ; kedare, Bhairav ; Khade, Suyog</i>
<b>9</b>	169	<b>An AI-Based Decision Support System for SIP Using Hybrid Machine Learning Models</b>	<i>Hemani, Kunal*; Jani, Aditya; Kumavat, Mayur; Katkar, Vaibhav; Gonsalves, Flavia</i>
<b>10</b>	187	<b>Impact of CI/CD on Manual and Automation Testing</b>	<i>Shahazad Shaikh</i>

**DAY 2 — Saturday, 27 June 2026**

**Track 4: Computer Vision, Deep Learning & Multimodal AI**

Mode: **Online**

Venue: Seminar Hall II

Sr.	Paper ID	Title	Authors
1	80	<b>YOLOv8-Based Weld Surface Defect Detection and Classification with ASME B31.3 Validation</b>	<i>P J, Lakshmana Moorthy</i>
2	83	<b>Lumos: Early Emotional Wellbeing Monitoring and Learning</b>	<i>Jodhani, Mahi; Jadhav, Rakhi; Chandnani, Gunjan; Pathai, Himesh; Chhabadiya, Sonam</i>
3	101	<b>HydroCore: A Visual and Extendable Simulation Framework for Hydraulic Transient Analysis</b>	<i>K. R., Jayalekshmi; Petkar, Swaroop; Patil, Pradnya</i>
4	102	<b>Deepfake Detection Using LSTM and ResNeXt Architectures</b>	<i>Patil, Pratiksha; Dubal, Purva; Behera, Rajeshree; Patil, Rasika</i>
5	105	<b>Hybrid Deep Learning Model Based Human Behavior Recognition System with Improved Performance</b>	<i>Sama, Arpitha Reddy</i>
6	107	<b>Smart Code Review Agent: Review Agent for Modern Engineering Teams</b>	<i>Deodhar, Deepak; Fatinge, Pragati; Chaudhari, Rahul; Dube, Pooja; Lanjewar, Manjusha; Jadhav, Noopur</i>
7	163	<b>Syntax-Aware vs Syntax-Agnostic Graph Convolutional Networks for Aspect-Based Sentiment Analysis</b>	<i>P, Shareefa Parveen</i>
8	139	<b>VectorShield: Preserving Semantic Utility in Privacy-Aware AI Retrieval Systems</b>	<i>Limbkar, Varad*; Londhe, Shweta; Hussain, Baihela; Rathi, Vijay</i>
9	188	<b>Forensic Readiness principles for cloud-native applications</b>	<i>Chetna Achar</i>

**Track 5: Intelligent Security, Personalisation & Edge AI Applications**

Mode: **Online**

Venue: Seminar Hall II

Sr.	Paper ID	Title	Authors
1	118	<b>Design and Implementation of a Low-Cost Intruder Detection System Using ESP32-CAM with Motion and Sound Sensors</b>	<i>Gosavi, Om</i>
2	146	<b>SignLight: Deployment-Optimized MobileNetV3 for Real-Time American Sign Language Fingerspelling Recognition via INT8 Quantization Benchmarking</b>	<i>Jaiswal, Bibek</i>
3	149	<b>A Lightweight Hybrid Framework for Personalized News Recommendation</b>	<i>Yadav, Ayush</i>
4	159	<b>SafeCom: AI-Based Face Recognition and Uniform Compliance System Using Deep Learning</b>	<i>Thorat, Ninad</i>
5	160	<b>Find Your Feed: A Unified Digital Menu Display System for Multi-Mess Hostel and PG Facilities</b>	<i>Jamdhade, Nikita; Sable, Ganesh</i>

<b>6</b>	176	<b>AI Infused Deception and Prevention Model with Unified Threat Analytics and Predictability</b>	<i>Bhalerao, Pratik; Gadale, Vishwajit; K.R., Jayalekshmi</i>
<b>7</b>	185	<b>Enhancing Graduate Employability Through Industry–Academia Collaboration: Evidence From Higher Education Institutions In India</b>	<i>G. Saravanan, Dr. M. Suresh Babu</i>
<b>8</b>	189	<b>Agentic AI for Talent Acquisition: A Framework for Autonomous Recruitment systems</b>	<i>Flavia Gonslaves</i>