

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 1

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 07-11-2025

Day: Friday

Time: 03.00 pm to 5.00 pm

Venue: Hall 1 - IT Seminar hall, IT department, First floor

Online Session Link:

<https://zoom.us/j/93870312942?pwd=nxry8T90iexK6Up9a5U7Lf2NL4TWEZ.1>

Internal Session Chair: Dr. A. J. Umbarkar

External Session Chair: Dr Umesh Kulkarni, KLSGIT

Sr. No.	Paper Id	Title	Author
1	123	Enhanced NSGA-II Performance Evaluation on Multi-Modal Benchmark Functions	Mr. Vishal Tukaram Metkari
2	138	Industrial Machine Maintenance and Monitoring System	Haniya Akhtar
3	86	Multi Agent Approach for Climate Resilient Fertilizer Recommendations	Varun Pankaj Kale
4	209	Smart Bingo: Real-Time Waste Monitoring and Optimization for Smart Cities	Mr.Mithil Deepak Devkar
5	333	Comparative Analysis of Methodologies for Grape Disease Detection and Future Direction for Enhanced Accuracy	Jayashri D.Palkar
6	171	AI-BASED EXAM TIMETABLE GENERATOR	Abhijeet Budhwant
7	314	A Review on Multimodal Learning-Integrated Feature Extraction Framework for Identifying Phishing Website URLs	Mr. Amol Chandrakant Jadhav
8	370	Face Authentication System with Deepfake Detection using Vision Transformer	Mr. Mann Mahesh Sapariya
9	330	Converting Natural Language to SQL Queries for Data Retrieval Using Database Metadata and LLaMA 3.2	Arhant Nitnaware

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 2

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 11.00 am to 1.00 pm

Venue: Hall 1 - IT Seminar hall, IT department, First floor

Online Session Link:

<https://zoom.us/j/98313889483?pwd=a1baCr9YXjn6tf4SXoNfmab0RliZp.1>

Internal Session Chair: Dr. S. S. Solapure

External Session Chair: Dr S H Bhandari

Sr. No.	Paper Id	Title	Author
10	331	AI-Driven Festival Popularity Forecasting Using Social Media Trends and Historical Attendance Patterns	Mrs. Annam Rupa
11	60	Reinforcement Learning for Robotic Simulation: Policy Space Impact on Interactive Manipulation	Raghab Singh
12	575	Predictive Analytics and Machine Learning for Real-Time Emotion Detection and Employee Well-Being Optimization	Ayyappan A
13	115	A Prompt-Adaptive Vision Language Model for Cross Task Visual Reasoning	Mr. Vedant Pawan Thote
14	564	Smart Diet Planner: An AI-Powered Web Application for Personalized Nutrition Management	Shobana S
15	55	Enhancing Disease Management Through Machine Learning: Accurate Prediction And Early Detection For Improved Patient Outcomes	Mr. Ashish Avinash Mahindre
16	446	Design of an Improved Model for Liver Fibrosis Detection using Random Forest, Gradient Boosting Machines, and Transformer-Based CNN	Mr. NIKESH TEJRAM GADARE
17	72	Comprehensive Review of Machine Learning Techniques for Imbalanced Driving Behaviour Detection and Crash Risk Prediction	Mr. Ganesh Bhagwanrao Patil
18	132	AI for Climate Change Mitigation: Predictive Modeling, Remote Sensing, and Sustainable Policy Decisions	Dattatray Raghunath Kale
19	411	Blockchain-Driven Framework for Secure and Transparent Customer Relationship Management	Mr. Chidambar Dixit

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 3

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 2.00 pm to 4.00 pm

Venue: Hall 1 - IT Seminar hall, IT department, First floor

Online Session Link:

<https://zoom.us/j/98313889483?pwd=a11baCr9YXJn6tf4SXoNfmab0RliZp.1>

Internal Session Chair: Dr. S. P. Sonawane

External Session Chair: Dr.Diptee Ghusse, MIT Academy of Engineering, Alandi

Sr. No.	Paper Id	Title	Author
20	344	A Secure and Intelligent Blockchain-Based E-Voting System Using Multimodal Voter Authentication and Smart Contract Optimization	Pravin Raghunath Pachorkar
21	490	Sentiment Analysis of Code-Mixed Language	Dr. Pratik Kamal Agrawal
22	295	Federated Edge Intelligence for Secure Data Collaboration in Smart Healthcare Ecosystems	Dr. Nishant Singh
23	145	Review of Machine Learning Techniques for MANET QoS and Security Enhancements	Ms.Gayatri Dilip Bendale
24	42	A Secure Online Examination Platform: Integrating AI-Based Proctoring and Full Stack Architecture for Enhanced Academic Integrity	Saksham Pokhrel
25	423	Quantum Machine Learning Models for Enhancing Big Data Analytics	Dr. P. Prasant
26	427	Scalable Quantum Computing Approaches for Next-Generation Edge and IoT Devices	Dr. P. Prasant
27	150	Machine Learning and Deep Learning for Network Anomaly Detection	Ms Harshada Aghav
28	74	STAR-Net: Advancing Conversational AI through Semantic Correlation and Contextual Response Optimization	Mr. Samindar Jalandar Vibhute
29	50	Enhancing Healthcare Prediction And Anomaly Detection In Cloud Environments With Distilbert, Tinybert, And Adversarial Autoencoders	Yashwant Kumar Kolli

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 4

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 4.00 pm to 5.30 pm

Venue: Hall 1 - IT Seminar hall, IT department, First floor

Online Session Link:

<https://zoom.us/j/98313889483?pwd=a11baCr9YXJn6tf4SXoNfmab0RliZp.1>

Internal Session Chair: Dr. U. B. Chavan

External Session Chair: Dr Tanveer Bagban, HoD AI & DS, DKTE,Ichalkaranji

Sr. No.	Paper Id	Title	Author
30	457	Image Analysis for Early Autism Detection Using Machine Learning	Ms.Mrunalini Balgonda Patil
31	276	Pranayama for Stress Relief: A Comprehensive Review of Techniques, Mechanisms, and Future Directions	Mrs. Preeti Jain
32	375	Exploring Machine Learning Methods for Skin Disease Identification	Mr. Sangram S. Dandge
33	499	FileLedger: Blockchain-Based System for File Authenticity and Tamper Detection	Dr. Dhilipan Rajkumar T
34	79	Enhancing Facial Emotion Recognition with Vision Transformers, EfficientNet, and Domain Adaptation for Robust and Interpretable Models	Ms. Manisha Babanrao Thombare
35	281	Multimodal Bio-Emotional Intelligence System for Real-Time Stress Detection	Dr. B. Adithya
36	441	Forecasting Energy Consumption using Recurrent Neural Networks: A Comparative Analysis	Mr. Abhishek Maity
37	102	Distinguishing Reality from Fabrication: A Review of Deepfake Detection Methods and Comparative Analysis	Mr. Abhijeet Dinkar Cholke
38	329	Saliency-Guided LIME: Enhancing Local Explanations with Adaptive Saliency Thresholding	Mr. Kartikey Chandrakant Sapkal
39	345	Machine Learning Applications in Composite Material Synthesis and Property Prediction	Dr. Sivanageswara Rao Dodla

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 5

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 11.00 am to 1.00 pm

Venue: Hall 3 - Electrical seminar hall, Electrical department

Online Session Link:

<https://zoom.us/j/91466501048?pwd=1TeaCGL1cwCFNnsJl1kEaAk3nZkbZ.1>

Internal Session Chair: Prof. B. S. Shetty

External Session Chair: Dr. Suruchi Deshmukh, Associate Professor, MIT ADT Pune

Sr. No.	Paper Id	Title	Author
40	176	From Static Platforms to Intelligent Assistants: Reviewing LMS Challenges and the Role of Retrieval Augmented Generation	Mr. Tarun Sirohi
41	157	Security In Healthcare(Blood Bank) Using Blockchain	Mr. Aman Kumar
42	433	Securely Sharing of Patient Healthcare Records using Decentralized Blockchain Approach	Dr. Nilima S. Dandge
43	75	Generative AI in Cybersecurity: Threats, Vulnerabilities, and Protective Measures	Mr. Shrikumar Pramod Ugale
44	577	IoT and AI Integration for Real-Time Monitoring of Safety Standards in the Paint Manufacturing Industry	Sowmya S
45	701	SmartCRM-AI: A Novel Deep Intelligence Framework for Customer Relationship Optimization in E-Commerce Ecosystems	S. Sharmila
46	544	AgriSense: A Monitoring System for Agriculture and Alert System	Mrs. Vaishali Siddharth Jabade
47	112	Paper Title: Spatiotemporal and Machine Learning Analysis of Battlefield Equipment Losses: A Forecasting and Classification Approach!	Mr.Samrat Ashok Babar
48	567	Temporal Graph Neural Networks for Industrial Systems Predictive Maintenance	Ms Annsi Jerolin E
49	387	Machine Learning-Based Classification of Microscopic Organisms Using Morphological Features	Dr. Ruhina Quazi

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 6

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 2.00 pm to 4.00 pm

Venue: Hall 3 - Electrical seminar hall, Electrical department

Online Session Link:

<https://zoom.us/j/91466501048?pwd=1TeaCGL1cwCFNnsJi1kEaAk3nZkbZ.1>

Internal Session Chair: Dr. N. L. Gavankar

External Session Chair: Dr G A Patil, Professor and Dean, JSPM Pune

Sr. No.	Paper Id	Title	Author
50	700	FinGuard – AI-powered Credit Risk Assessment for the Underbanked using Machine Learning	Y. Tejasri
51	64	A Review on Hybrid AI Approaches for Early Detection and Diagnosis of Thyroid Disorders and Polycystic Ovary Syndrome (PCOS)	Ms.Amarja Hanumant Bhosale
52	167	An efficient Hand Gesture Recognitions System for Indian Sign Language Using Machine Learning	Dr. Sachin Karmuse
53	559	ENHANCING THE PREDICTION CAPABILITY OF PARKINSON'S DISEASE USING XGBoost, DEEP BELIEF NETWORK AND RANDOM FOREST	Dr M Revathi
54	87	Blockchain Crowdfunding Systems: Challenges, Innovations, and Future Directions	Ms. Simran Kumari
55	430	Exploring Machine Learning Strategies for Classifying Online Toxicity	Ms. Piyusha Vaibhav Urunkar
56	525	A Single EfficientNet-B0 Model for Multi-Feature MRI-Based Prediction of Alzheimer's and Parkinson's Diseases	Mr. Raja Sekar R
57	218	A Survey on AI-Driven Techniques for Automated Medical Diagnosis and Consultation System	Mr. Sarthak Gupta
58	78	AI-Assisted Interior Design Recommendation: A Comparative Analysis	Dr. Padmalaya Nayak

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 7

Session Mode: Online

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 08-11-2025

Day: Saturday

Time: 4.00 pm to 6.00 pm

Venue: Hall 3 - Electrical seminar hall, Electrical department

Online Session Link:

<https://zoom.us/j/91466501048?pwd=1TeaCGl1cwCFNnsJi1kEaAk3nZkbZ.1>

Internal Session Chair: Dr. A. R. Surve

External Session Chair: Dr. Nitin Pise, Professor, MIT WPU,Pune

Sr. No.	Paper Id	Title	Author
59	152	Tuberculosis Chest X-ray Segmentation using V-Net Deep Learning Algorithm	Mrs.Sulakshana Sagar Malwade
60	472	A Comprehensive Survey on Machine and Deep Learning Techniques for Genre Prediction in Folk Songs	Ms. Apurwa Chandrakant Patil
61	500	Legacy Sync Asset Distribution Framework	Dr Dhilipanraj Kumar T
62	282	Multi Source Prior Guided ALBERT for Headline and Claim Misinformation Detection	Mrs. K. Priyanka
63	283	Dynamic Knowledge Graph Embedding's for Real Time Adaptation and Transparent Reasoning	Dr. P. Rajendra Prasad
64	178	Multilingual Minutes of Meeting (MoM) Generator for Offline Meetings	Mr. Ronak Rajput
65	620	Integrating Machine Learning and the Internet of Things to Secure Smart Manufacturing: Preserving Cyberattacks to Industrial Systems	Mr. Paddabbai Chowdari Karanam
66	681	Create the AI-Powered Anomaly Detection to Stop Intrusions in SCADA and Critical Infrastructure Networks.: Industrial Internet of Things through Cybersecurity	Mr. Sathiyandrakumar Srinivasan
67	135	Text-to-Video Synthesis through Context-aware Fine-tuning and Frame Interpolation	Mr. Atharv Salian

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 8

Session Mode: Offline

Track Name: Smart Computing

Track Chair: Dr A M Chimanna

Date: 07-11-2025

Day: Friday

Time: 11.00 am to 1.00 pm

Venue: Hall 1 - IT Seminar hall, IT department, First floor

Online Session Link:

<https://zoom.us/j/93870312942?pwd=nxry8T90iexK6Up9a5U7Lf2NL4TWEZ.1>

Internal Session Chair: Dr. P. J. Kulkarni

External Session Chair: Dr Vivek Kheradkar, Asst.Professor DKTE,Ichalkaranji

Sr. No.	Paper Id	Title	Author
1	140	Robust Handwritten Devanagari Alphabet Recognition: A Comparative Study of Traditional and Deep Learning Models	Mr. Atharv Vijay Patil
2	18	Beyond Algorithms: GenAI Philosopher	Ms. Sana Jainuddin Mujawar
3	550	MetaLens: A Web-Based Tool for Multi-Format Metadata Exploration	Mr. Shreeyash Dongarkar
4	350	A Review on Automatic Student Attendance System Based on Video Surveillance	Ms. Shweta Vijay Chinchane
5	384	Design of an IoT-Enabled Piezoelectric Energy Harvester for Efficient Power Management	Mr. Varad Arun Potdar
6	342	Evolution of Flood Prediction Methods: Hydrological, Statistical, Machine Learning and Deep Learning Approaches (2020–2025)	Mr Prateek Mahesh Rasalkar
7	220	Improved Lung Cancer Detection with a CNN-SMOTE Approach	Dr Saurabh Raidhirendra Prasad
8	452	AI-Based Handwritten Signature Verification System: A Review	Ms. Uzma Miyalal Khatib
9	198	SCENTRA: An IoT-Enabled Smart Perfume Dispensing System	Ms. Sanskruti Sathe



# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 9

Session Mode: Online

Track Name: Innovations in Electronics

Track Chair: Ms. N. S. Babar

Date: 07-11-2025

Day: Friday

Time: 11.00 am to 1.00pm

Venue: Hall 2 - John Deere lab, Electronics department, Ground floor

Online Session Link:

<https://zoom.us/j/7287017076?pwd=yjKgrRjNDv7C6mt5LjGx6KGa42Vm4o.1&omn=94089381175>

Internal Session Chair: Dr. S. G. Tamhankar

External Session Chair: Dr. P. P. Bartakke, Dean, COEP Technological University, Pune

Sr. No.	Paper Id	Title	Author
1	265	Secure LoRa Wireless Communication Device with Advanced Encryption	Mr. Soham Rajendra Pardeshi
2	339	GANs, CNNs, and Transformers for Microscopic Images: Methods and Metrics	Ms. Snehal Rangrao Watharkar
3	247	SmartShield: IoT-Based Safety System with Emergency Alerts	Mr. Rahul Nanarao Solanke
4	222	Trends and Techniques in Medical Image Encryption: A Multi-Dimensional Analytical Framework	Mrs. Arati Siddhanath Nishandar
5	463	Smart Voltaic Keys of Keyboard for Energy Generation	Mr. Shreyas Phansalkar
6	81	Automation of Rockwell Hardness Testing Machine	Mr. Shiva Ramkrushna Pachade
7	632	Efficient Decision-Making with Real-Time Equipment Health Forecasting: Machine Learning-Based Condition Monitoring in IIoT	Mr. N.V.S.Natteshan

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 10

Session Mode: Offline

Track Name: Innovations in Electronics

Track Chair: Ms. N. S. Babar

Date: 07-11-2025

Day: Friday

Time: 2.00 pm to 4.00pm

Venue: Hall 2 - John Deere lab, Electronics department, Ground floor

Online Session Link:

<https://zoom.us/j/7287017076?pwd=yjKgrRjNDv7C6mt5LjGx6KGa42Vm4o.1&omn=94089381175>

Internal Session Chair: Prof. N V Marathe

External Session Chair: Dr. Sandeep Patil, IIIT, Pune

Sr. No.	Paper Id	Title	Author
1	448	Real-time Biogas Monitoring System using Wireless Sensor Network and IoT	Dr. Rashmi Sudin Gaikwad
2	352	Hexagonal Microstrip Patch Antenna with DGS For 5GApplication	Mr. Ajay Balwantrao Thatere
3	130	IoT Based Pearl Farm Health Regulator	Dr. Mrs. J. P. Kharat
4	340	FPGA Implementation of a Resource-Optimized 8-Bit Microcontroller for Processor Architecture Education	Mr.Aditya Mane
5	251	Design of a Compact and Efficient 3.5W SMPS for Space-Constrained IoT Applications	Prof. Mr. Kaustubh Ganesh Pise
6	527	Energy-Aware And Performance Enhanced Mobile Computing	Dr. Manasi Madan Patil
7	468	A Review of Shared Aperture Antenna Designs for Dual-Band Satellite Communication: Techniques, Trends, and Challenges	Anant Ajitkumar Vadgave

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 11

Session Mode: Online

Track Name: Electrical Engineering Advances

Track Chair: Dr. M. P. Thakre

Date: 07-11-2025

Day: Friday

Time: 3.00pm to 5.00pm

Venue: Hall 3 - Electrical seminar hall, Electrical department

Online Session Link:

<https://zoom.us/j/91571276885?pwd=wqU2s8tpvArW3v1iHtAADGvijGFqoN.1>

Internal Session Chair: Dr. S. S. Karvekar

External Session Chair: Dr. P. M. Menghal, Professor, Military College of Engg., Hyderabad

Sr. No.	Paper Id	Title	Author
1	458	Modeling and Analysis of a Bidirectional DC–DC Converter for Battery–DC Bus Interface used in Electric Vehicles	Mr.Prasad Kulkarni, Dr.Lakshmanrao S. Paragond, Dr.Shivashankar Hiremath
2	66	Hybrid Multi-Objective Metaheuristics for Economic Emission Dispatch with Renewable Integration: A Five-Year Literature Survey !	ms.komal keshav madhale
3	310	Optimized Rotary Transformer Design for SelfExcited Synchronous Traction Motors in EVs	Mr. Hayatullah Nory
4	246	Survey On Signal Processing and Machine Learning Approaches for Transmission Line Fault Detection	Mrs. Shubhangi Patil
5	336	Electric Vehicle (EV) Modelling using Simulink	Ms. Sushma Nareshsingh Parihar
6	699	Enhanced Reactive Power Control in STATCOM using Advanced PWM	Ms Bhagyashree Shivajirao Bobdey
7	245	Data-Driven Smart Metering Approaches for Energy Theft Detection and Distribution Optimization	Mr. Charansingh U. ingle
8	348	PSO Based Mho and Impedance Relay Reach Estimation under LL and LG fault Condition	MANISH BHARAT
9	692	Design And Development Of IoT Based Smart Energy Meter	Dr. Ramesh S
10	416	IoT Based Automatic Damaged Streetlight Fault Detection Management System	Mrs.Rupali Dnyaneshwar Chavan
11	667	Integrate the Vehicle-to-Grid (V2G) Technology and Intelligent BMS: Real-Time Control Approaches for Bidirectional Power Flow in Electric Vehicle Systems	Mr. V.Samuthira Pandi
12	259	Design and Implementation of IoT-Based Electrical Installation using Common Bus Communication	Yogesh Vilas Mahadik

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 12

Session Mode: **Offline**

Track Name: Electrical Engineering Advances

Track Chair: Dr. M. P. Thakre

Date: 07-11-2025

Day: Friday

Time: 11.00am to 1.00pm

Venue: Hall 3 - Electrical seminar hall, Electrical department

Online Session Link:

<https://zoom.us/j/91571276885?pwd=wqU2s8tpvArW3v1iHtAADGvijGFqoN.1>

Internal Session Chair: Dr. R. P. Hasabe

External Session Chair: DR. S. K. Patil, Deputy Director, GCOE Karad

Sr. No.	Paper Id	Title	Author
1	435	Energy Management in Hybrid Energy System Based EV Charging Station for Cost Optimization	Mr. Kiran Maruti Nathgosavi
2	436	Optimal Allocation and Scheduling of Battery Swapping and Charging Stations for Urban City	Mr. Sachin Shivaji Kumbhar
3	226	Fuzzy Logic Based Power Management For Electric Vehicle Infrastructure In DC Microgrid	Ms. Manali Sanjay Jugale
4	264	Mitigation of Voltage Sag and Swell with PV Based Electric Spring	Mr. Chetan Devgonda Patil
5	491	Smart Hybrid Solar Dryer with Real-Time Monitoring and Adaptive Control for Enhanced Drying Efficiency	Mr. Sachin Pandurang Jadhav

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 13

Session Mode: Online

Track Name: Interdisciplinary Applications

Track Chair: Dr. M. M . Patil

Date: 08-11-2025

Day: Saturday

Time: 11.00 am to 1.00 pm

Venue: Hall 4 - Electronics seminar hall, Electronics department, First floor

Online Session Link:

<https://zoom.us/j/91035612853?pwd=bEWaJo6mcwsDcfh9VioEJlqci8i0EC.1>

Internal Session Chair: Dr. V. P. Mohale

External Session Chair: Dr. Madhukar M. Waware, Joint Secretary University Grants

Commission, India Delhi

Sr. No.	Paper Id	Title	Author
1	149	Trends, Patterns and Classification of Urban Air Quality: A Case Study of Chennai, Tamil Nadu	Mr.Nikhil Vilasrao Deshmukh
2	360	OPTIMIZED PREDICTION OF HIGH-RISK PREGNANCY USING MACHINE LEARNING	Gopal B. Deshmukh
3	108	Geo-IQ: Prompt based Natural Language Retrieval for Geo-Spatial Data	Mrs. Sneha Milind Yadav
4	68	A Novel Beagle Inspired Metaheuristic for the Travelling Salesman Problem: Application to Indian Cities	Samindar Jalandar Vibhute
5	28	Leveraging Six Sigma for Sustainable Manufacturing in the Industry 4.0 Era	Mr. SANDEEP BHAUSAHEB JADHAV
6	280	Cost Effective solution for Energy Meter Calibration	Mr.Santosh Madiwal
7	32	Integrating Robotics Into Pharmacies: Enhancing Impact Of Automated Systems On Healthcare, Medication Management And Patient Safety	Ms. Rameshwari Rajendra Amble
8	188	Mitigation of Voltage Sag and Swell by using DVR as PWM switched Autotransformer	Swapnali Patil
9	362	Artificial Intelligence Powered IoT for Real-Time Inventory Control and Hyper-Personalized Retail Experiences	Mr Suryansh Jaiswal
10	131	Early Recognition of Parkinson's Symptoms Through Machine Learning-Based Analysis of Voice Patterns	Mr.Gaurav Balwantrao Malode

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 14

Session Mode: Online

Track Name: Interdisciplinary Applications

Track Chair: Dr. M. M . Patil

Date: 08-11-2025

Day: Saturday

Time: 2.00 pm to 4.00 pm

Venue: Hall 4 - Electronics seminar hall, Electronics department, First floor

Online Session Link:

<https://zoom.us/j/91035612853?pwd=bEWaJo6mcwsDcfh9VioEJlqci8i0EC.1>

Internal Session Chair: Dr. D. S. More

External Session Chair: Sandeep Khalkar, Sr. R & D Engineer, ABB India Limited, Nashik

Sr. No.	Paper Id	Title	Author
11	139	Multimodal Intelligence in Oncology: A Systematic Review of Deep Learning and Attention-Based Fusion Strategies for Breast Cancer	Ms. Aliza Rana
12	320	Enhancing fault diagnosis in telemetry data sets through advanced visualization techniques.	Mr. Dhanraj vikas katkar
13	363	Integrating NMS, OSS/BSS, and Middleware in Modern Virtualized Telecom Environments	Dr P ASHOK
14	364	The Shifting Landscape of Consumer Electronics Driven by Telecom and Connectivity	Dr P ASHOK
15	554	A Comprehensive Survey of Blockchain Applications in Event Ticketing, Crowd Management, and Intelligent Transportation Systems for Large-Scale Religious Gatherings	Ms. Rati R Antapurkar
16	401	A Review on Deep Learning Techniques for Diabetic Foot Ulcer Classification	Ms. Sharvali Sunilkumar Sarnaik
17	440	IoT-Based Smart Parking and Wireless EV Charging System	Ms. Anjali Maruti Waghmare
18	576	Machine Learning Models for Digital Payment Optimization in the Airline and Hospitality Industry	Ruban Williams C
19	160	Reviews and Ratings-Based Recommender System to Alleviate Single and Cross-domain Data Sparsity	Ms.Shwetal Raipure
20	65	Advances Smart Quality Assessment in Jaggery Powder Production Using IoT and Machine Learning- A Review	Mrs.Kiran Nikhil.Ingawale
21	356	RailNivaran+ : An Efficient Complaint management System	Mr. Kartikey Lodhe, Mr. Abhishek Karatagi, Mr. Prathamesh Patil, Dr. S. S. Solapure

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 15

Session Mode: Online

Track Name: Interdisciplinary Applications

Track Chair: Dr. M. M . Patil

Date: 08-11-2025

Day: Saturday

Time: 04.00 pm to 6.00 pm

Venue: Hall 4 - Electronics seminar hall, Electronics department, First floor

Online Session Link:

<https://zoom.us/j/91035612853?pwd=bEWaJo6mcwsDcfh9VioEJlqci8i0EC.1>

Internal Session Chair: Dr. S. N. Kore

External Session Chair: Dr. Pramod Bide, Assistant Professor, SPIT Mumbai

Sr. No.	Paper Id	Title	Author
22	177	Enhanced Deep Learning Based Hybrid Framework for the Identification of Brain Tumors	Ms.Prachiti Pimple
23	507	Enhancing Robotic Arm Efficiency in Automated Welding Systems	Ms. Srushti Sagar Sapkal
24	308	Hybrid Solutions for Grid Resilience: Integrating Batteries with Solar PV Systems	Ms.Rajani Khobragade
25	385	A Review on Degradation in PEM Water Electrolyzers: Mechanisms, Modeling, and Mitigation	Mr. Naeem Shaikh
26	715	YOLOv8-TSA : Real-Time Video Object Detection via Temporal-Spatial Attention	Mr. Shivanandham
27	212	Real-Time Stress Detection Using Infrared Thermal Imaging and Machine Learning	Ms. Geetanjali Madhusudan Vaidya
28	710	An Innovative Use of Deep Learning in Cybersecurity: Implement Sequential Pattern Recognition and Autoencoders for Real-Time Intrusion Detection	Mr. V. Samuthira Pandi
29	365	Architecting Agile 5G Networks Through the Fusion of SDN and Virtualization	Dr P Ashok
30	683	Innovative Deep Learning Approaches in Smart Cities: Spatiotemporal Convolutional Networks for Identifying Multisensory Urban Activities	Mr. V.Samuthira Pandi
31	674	Establishment of Formal Verification Methods to Find Vulnerabilities in Industrial and Automotive Control Systems via Cybersecurity Threat Modeling for Embedded Devices	Mr. Sathiyandrakumar Srinivasan

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 16

Session Mode: Offline

Track Name: Interdisciplinary Applications

Track Chair: Dr. M. M . Patil

Date: 07-11-2025

Day: Friday

Time: 11.00 am to 1.00 pm

Venue: Hall 4 - Electronics seminar hall, Electronics department, First floor

Online Session Link:

<https://zoom.us/j/94696874846?pwd=s5gbfTaVMNw9muZsasN1UTDnS5zmOb.1>

Internal Session Chair: Dr. A. A. Agashe

External Session Chair: Dr. J P Kharat, Asst. Prof. DKTE

Sr. No.	Paper Id	Title	Author
1	191	Water Surface Algae Cleaning Machine for Ponds and Lakes	Mr. Ayaan Nasar Mulla
2	236	Thermal Imaging based Defect Detection in Pomegranate with Background Removal Technique	Ashvini Gaikwad
3	154	Numerical Investigation of Fluid Sloshing in Automotive Tanks Using Different Baffles configurations	Mr. Rajgonda Shrikant Patil
4	301	A Review on AI-Based Fruit Monitoring Systems for Ripeness, Quality, and Shelf-Life Detection	Mr. Shubhankar Vijaykumar Kulkarni
5	506	Effective Particle Swarm Optimization Algorithm for Job Shop Scheduling Problem	Mr. Mahesh Sadashiv Shinge
6	508	Parametric Optimization of FDM 3D Printing Using Multi-Criteria Decision Making for Industry 4.0 Applications	Dr. Sagar U. Sapkal
7	62	Active Attendance Monitoring via Eye and Facial Expression Recognition	Mr. Manish Balaji Narnaware



# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 17

Session Mode: Offline

Track Name: Interdisciplinary Applications

Track Chair: Dr. M. M . Patil

Date: 07-11-2025

Day: Friday

Time: 3.00 pm to 5.00 pm

Venue: Hall 4 - Electronics seminar hall, Electronics department, First floor

Online Session Link:

<https://zoom.us/j/94696874846?pwd=s5gbfTaVMNw9muZsasN1UTDnS5zmOb.1>

Internal Session Chair: Prof. S. K. Parchandekar

External Session Chair: Dr. Rohini Raju Mergu, WIT Solapur

Sr. No.	Paper Id	Title	Author
8	372	Biodegradable and Non-biodegradable waste classification for Smart Waste Management	Ms. Aditi Anil Pawde
9	454	A systematic review of LULC , LST and Urban Sprawl	Mr.Sahil Santosh Mahamune
10	334	Synthesis and Characterization of Jasad Bhasma-ZnO Nanomaterial with traditional Indian Ayurveda method and their Applications in Mechanical Engineering	Dr. Neeraj Raidhirendra Prasad
11	418	AI Driven Nanotechnology- Advances in Imaging, Materials Design, and Nanomedicine	Mr. Slok S. Sapakal
12	156	Smart Wearable Technologies for Chronic Disease Monitoring and Management	Mrs.Poonam Bharat Kulkarni
13	337	Civic Dock: A Smart, Multilingual, Voice-Text-Image Enabled Platform for Effective Civic Complaint Routing and Tracking	Mr. Rehan Khan
14	442	Study of an Impact of Urbanization on Agricultural land using RS and GIS	Mr.Aman Vinod Rathod
15	227	Automated Mental Health Screening Using a Random Forest Classifier on PHQ-9 Questionnaire Data <b>(Online Mode)</b>	Ms. Rashmi Ramesh Adatkar
16	530	Enhanced Detection of Intracranial Aneurysms using Frangi Vesselness Filter in CTA Imaging <b>(Online Mode)</b>	P Vigneshwaran, B Mohan, S Mahalakshmi

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 18

Session Mode: Online

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudegol

Date: 08-11-2025

Day: Saturday

Time: 11.00 am to 1.00pm

Venue: Hall 5 - Image Processing and Computer Vision Lab, CSE department, Ground floor

Online Session Link:

<https://zoom.us/j/91589805245?pwd=micii2v2EJt7o5ArX0YljeS27F0OSa.1>

Internal Session Chair: Dr. R. S. Gaikwad

External Session Chair: Dr. Ramgauda B. Patil, Associate Professor and Head TKIET,  
Warananagar

Sr. No.	Paper Id	Title	Author
1	359	NETWORK INTRUSION DETECTION SYSTEM USING HYBRID BOOSTING AND MACHINE LEARNING TECHNIQUE	Ms.Ayesha Sayed
2	278	GenAI-Driven Smart Hiring Platform	Dr. S. P. Santhoshkumar
3	121	Designing Intelligent Drones and Robots for Medical and Rescue Operations in Indian Terrains	Dr. S. P. Santhoshkumar
4	30	Automated Malaria Detection in Blood Smears Using GoogleNet Convolutional Neural Networks: A Deep Learning Approach	Ms. SUNEJA CHANDRASHEKHAR KATKAR
5	396	Adaptable Transfer Learning for Personalized Insulin Dosing for Type-1 Diabetic Patients	Dr.Deshmukh Sushant Diwakar
6	274	A Hybrid SNN model for Detection of Face-Swap Deep Fake Videos	Dr. PADMAVATHY T
7	249	JANI - Just in Time Assistant for Necessary Insights: A Comprehensive AI-Based Personal Assistant	Mr. B M SOMASHEKAR
8	183	The Emergence of Artificial Intelligence as a Communicative Investigator in Digital Forensics and Cybercrime Investigation	Prapti Sanjay Shah
9	434	Multimodal Deep Learning for Robust Cyberbullying Detection on Online Platforms : An Overview	Ms. Aishwarya Madhukar Chavan
10	485	Data Privacy in Voice Search Advertising: A Blockchain-Based Consent Model	Mohd Arif Hussain, Vivek Verma, Karthik Kovuri, Aishwarya Pratap, Mr.Vivek Shrivastava, Mr.Prasenjeet Samanta

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 19

Session Mode: Online

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudegol

Date: 08-11-2025

Day: Saturday

Time: 2.00 pm to 4.00pm

Venue: Hall 5 - Image Processing and Computer Vision Lab, CSE department, Ground floor

Online Session Link:

<https://zoom.us/j/91589805245?pwd=micii2v2EJt7o5ArX0YljeS27F00Sa.1>

Internal Session Chair: Prof. R G Mevekari

External Session Chair: Dr. Bhushan Yelure, Assistant Professor, IT Department, GCOE  
Kolhapur

Sr. No.	Paper Id	Title	Author
11	161	AI Attorney Chatbot for Legal Assistance	Mr. Rishidevrath Shetty
12	208	AI-Driven Framework for Trust and Security in Social IoT: Leveraging CNN-GAN and Homophily-Aware Graph Autoencoders	Mr. GANESH ISHWAR RATHOD
13	252	SURVEY ON API RECOMMENDATION AND QUERY ASSISTANT OPTIMIZER	Mr Sahil Raj
14	551	DropBridge-A-WebRTC-Based-P2P-File-TransferTool	Mr.Rizawan N Shaikh
15	163	FINITE ELEMENT ANALYSIS AND MATERIAL OPTIMIZATION OF AUTOMOTIVE RADIATOR GRILLE	Dr. V A Kamble
16	335	Artificial Intelligence for Cyber-Security: A Deceive to Defend Concept	Ms. Tarushi Jain
17	195	Emerging Approaches in Computing Education: AI-Powered Heutagogy for Sustainable and Self-Directed Learning	Mr. Ganesh Ishwar Rathod
18	35	Deep Neural Sound Recognition for ATM Security Using Spectrogram-Based YOLOv8	Mr. Aniruddha Prakash Kshirsagar
19	579	IoT-Enabled Smart Leather Factories for Real-Time Production Monitoring	Sherly Anish A
20	580	Deep Learning-Based Cognitive Load Management in Aerospace Manufacturing Units	Sreepathi R

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 20

Session Mode: Online

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudegol

Date: 08-11-2025

Day: Saturday

Time: 4.00 pm to 6.00pm

Venue: Hall 5 - Image Processing and Computer Vision Lab, CSE department, Ground floor

Online Session Link:

<https://zoom.us/j/91589805245?pwd=micii2v2EJt7o5ArX0YljeS27F00Sa.1>

Internal Session Chair: Prof. A. B. Patil

External Session Chair: Dr. Amar Buchade, Associate Professor, AI ML Department, VIT, Pune

Sr. No.	Paper Id	Title	Author
21	487	Role of AI in Developing Green Competencies Among Employees	Ms. Rimpi Upadhyay
22	511	Technical and Manufacturing Challenges in Scaling Supercapacitor Technologies from Lab to Industry	Mr. S B Abrish Aaditya
23	585	AI-Powered Decision Making Models to Strengthen Strategic Management in Rapidly Evolving Business Scenarios	G.Manikandan
24	349	A Survey on Machine Learning Techniques in Sentiment Mining and Toxic Language Identification	Mr. Vipin Kishor Wani
25	570	Digital Marketing and Social Media in Tourism: A Review of Past Development and Current Trends	Ms. Supriya Rajendra Pachore
26	548	Enhancing Accessibility Through Machine Learning-Based Sign Language to Speech Translation	Dr. S. P. Santhoshkumar
27	424	Advancing Deep Learning-Driven Medical Image Reconstruction: Multimodal Integration and Explainable AI for Efficient Cervical Cancer Detection	Mr. Khandu Dhondiram Shinde
28	502	A Hybrid Shadow-Aware Network for Transparent Object Detection and Transparency Estimation	Chandu Vaidya
29	317	Design And Implementation of A Strategic Project Management Framework for Optimizing Project Performance In The Indian Manufacturing Industries	Mr. AJAY PRAKASH DESHMUKH
30	284	Adoption and Effectiveness of AI Tools among University Students	Mrs. Nainsi Gypta

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 21

Session Mode: Online

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudégol

Date: 08-11-2025

Day: Saturday

Time: 11.00 am to 1.00pm

Venue: Hall 2 - John Deere lab, Electronics department, Ground floor

Online Session Link:

<https://zoom.us/j/7287017076?pwd=yjKgrRjNDv7C6mt5LjGx6KGa42Vm4o.1&omn=96415418197>

Internal Session Chair: Dr. Swapnil Vanmore

External Session Chair: Dr. Sandip Sutar, Associate Dean, ADCET, Ashta

Sr. No.	Paper Id	Title	Author
31	296	Bio-Inspired Neuromorphic Circuits for Energy-Efficient Edge AI Deployment	Dr. Nishant Singh
32	221	Decentralized Human-Readable Wallet Address System (DHRWAS): A Decentralized Approach to Simplifying Blockchain Wallet Addressing	Mr. Felix Sikukutu Hausiku
33	307	Quantum-Assisted Metaheuristics for Adaptive Resource Allocation in 6G Networks	Dr. M Nagabhushana Rao
34	410	Bridging Financial NLP and Decision-Making: An AI-Powered SEC 10-K Report Analysis System	Dr. Aniket K. Shahade
35	377	Intelligent Symptom Conversations: New Frontiers in AI-Powered Preliminary Healthcare Diagnosis	Mr. Budda Dhanushya Surya Manikanta
36	83	Smart Multimodal Human Computer Interface(HCI) Framework for Dynamic Mode Switching in Users with Complex Motor Impairments	Dr PADMAVATHY T
37	357	An Integrated Dehazing Pipeline: From Dark Channel Estimation to Perceptual Clarity	Ms.Pradnya Ravindra Narvekar
38	134	Detecting DDoS Attacks in Real-Time with Minimal Infrastructure: A Node.js Approach	Dr. Kirti Wanjale
39	88	N-BEATS and IIoT-Enabled Edge AI for Integrated Water Demand Prediction and Quality Assurance	Mrs. R C Jeni Gracia
40	501	A Hybrid PyramidalNet-Swin Transformer Architecture for Transparent Object Detection	Ms. Kalpana S Bhure

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 22

Session Mode: Online

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudgol

Date: 08-11-2025

Day: Saturday

Time: 2.00 pm to 4.00pm

Venue: Hall 2 - John Deere lab, Electronics department, Ground floor

Online Session Link:

<https://zoom.us/j/7287017076?pwd=yjKgrRjNDv7C6mt5LjGx6KGa42Vm4o.1&omn=96415418197>

Internal Session Chair: Prof. M. B. Narnaware

External Session Chair: Dr. Kirti Wanjale, Professor and associate Dean Quality, VIT Pune

Sr. No.	Paper Id	Title	Author
41	389	Adaptive Federated Learning for Resource-Constrained Edge Devices: Enhancing Convergence, Communication Efficiency, and Privacy-Utility Trade-offs	Mr. Pushpendra Kumar Sikarwal
42	589	Bandwidth Optimization of Sub-6 GHz 5G Microstrip Patch Antennas Using Integrated DGS U-Slot Geometry and Genetic Algorithm	Mr. Pravin Basaveshwar Ghewari
43	460	Design and Development of a Modern Security System Using Arduino and GSM Module	Mr. Pavan Dipak Upadhye
44	444	Analyzing unique feature for Early Diagnosis of Alzheimer Disease by Using Machine Learning	Ms. Dhanshree Sanjay Madnaik
45	574	AI-Augmented Leadership Framework for Enhancing Employee Engagement and Well-Being in Knowledge-Driven Industries	Sudarshana V
46	618	Implementing Edge-Cloud Computing to enable Real-Time, Responsive Urban Infrastructure Services: Establishing Resources Dynamically for Smart Cities	Mr. V.Samuthira Pandi
47	711	Applications of Augmented Reality (AR) Immersion IoT Dashboards: Immediate Industrial Equipment Status Monitoring and Forecasting Maintenance Approaches	Mr. V. Samuthira Pandi
48	537	Optimization of Admixtures of Concrete using Artificial Neural Network	Ms. Tejaswini Abhimanyu Gaikwad
49	159	Review on Fresh Water Fish Disease Detection Using Image Processing	Mr. Mohammed Amaan H
50	583	Consumer Behaviour Insights Using Data Mining Techniques for Improved Product Strategy and Innovation	S.S.Ramya
51	429	Periodic Review on Decentralized Framework in Edge Computing	Mr. Harshal Shivaji Shirke

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 23

Session Mode: Offline

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudegol

Date: 07-11-2025

Day: Friday

Time: 3.00 pm to 5.00pm

Venue: Hall 5 - Image Processing and Computer Vision Lab, CSE department, Ground floor

Online Session Link:

<https://zoom.us/j/94008401476?pwd=CdM2REl4N1I961stbXSEwz3MplCzpx.1>

Internal Session Chair: Mr. S. D. Pujari

External Session Chair: Dr. Amolkumar Jadhav, Associate Professor, DY Patil Kasba Bawda, Kolhapur

Sr. No.	Paper Id	Title	Author
1	84	Real-Time Threat Detection in Public Places using Dual CNN Models for Violence and Weapon Detection	Mr. Akshat Mahajan
2	237	Study of Fundus Image Analysis Methods for Multiple Eye Disease Detection	Mrs. Dhanashri D. Dhokate
3	143	Comparative Analysis of Hybrid Energy Storage System Topologies for Electric Vehicles: Integrating Batteries and Supercapacitors	Mr.Amit Dilip Nikam
4	201	Image-Based Big Data and Spatial Object Detection: A Bibliometric Review	Ms. Juveriya Juber Mujawar
5	215	Cognitive RAG: Emotionally Intelligent Chatbot with Retrieval and Feedback Adaptation	Mr.Sahil Sikandar Nadaf
6	180	Combining Federated and Transfer Learning with Explainable AI for Diabetic Retinopathy Detection	Tejas Pramod Zende
7	181	Urban Land Use Classification and Spatial Pattern Analysis for Sustainable Development	Mr. Tushar Sanjay Satpute
8	455	Quantum Computing Meets Medical Imaging: Advances in QML for MRI Classification	Dhirajkumar Babasaheb Sabale
9	354	A Review on Adaptive Machine Learning Framework for Credit Card Fraud Detection Using Improved TrAdaBoost and Advanced Oversampling Techniques	Ms.Prajakta Ganesh Jadhav

# International Conference on Future Technologies 2025 (ICFT 2025)

7th and 8th November 2025

Session No 24

Session Mode: Offline

Track Name: Emerging Trends and Future Directions

Track Chair: Ms. N. L. Mudegol

Date: 07-11-2025

Day: Friday

Time: 11.00 am to 1.00pm

Venue: Hall 5 - Image Processing and Computer Vision Lab, CSE department, Ground floor

Online Session Link:

<https://zoom.us/j/94008401476?pwd=CdM2REl4N1l961stbXSEwz3MplCzpx.1>

Internal Session Chair: Mrs. S. S. Rokade

External Session Chair: Dr. Siddheshwar V. Patil, Associate Professor, DY Patil Kasba Bawda, Kolhapur

Sr. No.	Paper Id	Title	Author
10	124	Ram Mandir in the Metaverse: Bridging Devotion and Digital Innovation	Mr. Prithviraj Sanjay Shahapure
11	480	Advancements in Fake News Detection: A Review of Machine Learning and Deep Learning Approaches	Mr. Sagar Madival Sajjan
12	465	Balancing Performance and Sustainability: A Review of Energy-Aware Scheduling in HPC	Mr. Rajvardhan Nitin Mane
13	199	SafePulse - Inactivity Monitoring System	Mr. Umesh Shinde
14	459	PyTorch Ecosystem for Graph Neural Networks: A Comprehensive Review	Mr. Devesh Sanjay Talegaonkar
15	557	Dashride: An Innovative Ride-Hailing System with ML-Driven Dynamic Fare Bidding and Enhanced Security	Ms Shreya Rajesh Sharma
16	466	Evolution of Job Scheduling in HPC Systems (2015–2025): Algorithms, Metrics, and Future Directions	Pratik Omprasad Daund
17	151	An Integrated Hypergraph Convolution and Attention Neural Network for Multi-Task News Classification and Detection <b>(Online Mode)</b>	Alpana Arun Borse
18	639	GPU-Powered Sentiment Classification with VGG19 and RF+XGB for Improved Product Recommendations <b>(Online Mode)</b>	S Ramanjaneyulu