

Faculty Publication - Conference Papers (2025-2026)

S.No	Title	Author(s)	Source Title	Date
1	Moderating Role of Technology Readiness of individuals to embrace Telemedicine	Bhanupriya Khatri; Charu Saxena; Shanul Gawshinde	2025 International Conference on Ambient Intelligence in Health Care (ICAIHC)	2025
2	Enhancing Customer Engagement Through Generative AI-Driven Predictive Marketing	Dr Ruby Chanda, Dr Reena Lenka	Intelligent Technologies and Robotics Intelligent Technologies and Robotics (R0)	2025
3	Cutting-Edge Technology-Based Social Enterprises in India for Sustainable, Inclusive Healthcare	Pradnya Vishwas Chitrao, Pravin Kumar Bhojar & Rajiv Divekar	FICTA 2024 2024.	2025
4	Metaverse Learning Landscapes: Unrevealing Training and Development Patterns Through Bibliometric and Content Analysis	Suruchi Pandey , Rajesh Chandwadkar	International Conference on ICT for Sustainable Development	2025
5	Robust Signal Processing Approaches for Enhancing Communication Reliability in Ultra-Dense Massive MIMO Networks Facing Fading Challenges	Rashmy Moray ; Savita Kumari; Deepak Upadhyay; Rashmi Sharma; Aakash Singh Ranswal; Nookala Venu	2025 International Conference on Automation and Computation (AUTOCOM)	2025
6	Generative AI for Predicting Employee Engagement in HR Analytics: A Bibliometric Analysis	Reena Lenka, Ruby Chanda	International Conference on ICT for Sustainable Development	2025
7	Face Mask Classification using Convolutional Neural Networks with Facial Image Regions and Super-Resolution Techniques	Patel H.; Priyanka S.A.; Tiwari V.; Bhojar P.K.	2025 3rd International Conference on Data Science and Information System (ICDSIS)	2025
8	Harnessing AI for Education and Transforming Learning	Suruchi Pandey, Hemlata Gaikwad	International Conference on ICT for Sustainable Dev	2025
9	Human-AI Interaction in Higher Education: Understanding Through Anthropomorphism	Ruby Chanda , Sarika Sharma	International Conference on Leveraging Emerging T	2025

10	Need a Guide by My Side Not a Sage on Stage: ChatGPT in Learning	Pradnya Vishwas Chitrao, Pravin Kumar Bhojar, Rajiv Divekar,	Springer Science and Business Media Deutschland GmbH	2025
11	"Enhancing Customer Engagement Through Generative AI-Driven Predictive Marketing"—A Bibliometric Analysis	Chanda, Ruby S. Lenka, Reena	Springer Science and Business Media Deutschland GmbH	2025
12	Exploring Trust Factors in Virtual Finance: The Role of Human–Computer Interaction in Shaping User Intentions in Metaverse Banking	Rashmy Moray,	Springer Science and Business Media Deutschland GmbH	2025
13	Green HRM: The Resilience Strategy for the VUCA World	Reena Lenka, Ankita Bhatia	ICT Analysis and Applications	2025
14	Wearable Devices in Education: Enhancing Learning and Teaching	Ruby Chanda, Vanishree Pabalkar	ICT Systems and Sustainability	2025
15	Swarm Robotics	Vanishree Pabalkar, Ruby Chanda	ICT Systems and Sustainability	2025
16	Cloud Adoption and Optimization for Business Growth	Ruby Chanda, Rahul Dhaigude	ICT Analysis and Applications	2025
17	Role of Chatbots and Virtual Assistants in Customer Service for Life Insurance Companies in India	Vanishree Pabalkar, Ruby Chanda, Pooja Nair	ICT Analysis and Applications	2025
18	Consumer Awareness and Willingness Toward Smart Home Automation	Rahul Dhaigude, Ruby Chanda	ICT Analysis and Applications	2025
19	Analyzing Social Media Analytics for Increasing Brand Equity: Case of Barbie	Ruby Chanda, Vanishree Pabalkar	ICT Analysis and Applications	2025
20	Consumer Behavior Toward Digital Tourism Post COVID: A Sentiment Analysis	Ruby Chanda, Rahul Dhaigude	ICT Analysis and Applications	2025
21	Enhancing Phishing Website Detection Through Multi-Classifer Integration and Comparative Analysis of Data Mining Techniques	Rahul Dhaigude, Ruby Chanda	ICT Analysis and Applications	2025

22	Being Inclusive With Neurodiverse Workforce And Technology in Training	Suruchi Pandey , Rajesh Chandwadkar, Hemlata Vivek Gaikwad	Advances in Intelligent Systems Research	2025
23	Digital Rupee Acceptance Dynamics Through the Lens of Theory of Planned Behaviour	Suraj Chandrakant Kamble; Shikha Jain; Rashmy Moray ; Jehad Al Dallal	2024 International Conference on IT Innovation and Knowledge Discovery (ITIKD)	2025
24	Machine Learning and Graph Theory-Based Approach for Detecting and Diagnosing Hardware Trojans in Gate-Level Netlists	Jay Gandhi; V. Prabakaran; Mahalakshmi S; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
25	Design and Evaluation of VR-Enhanced Hand Therapy with a Custom Biomechatronic 3D-Printed Orthosis	Chintan Thacker; Kishore Ravikumar; K. Bharat Ramkumar; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
26	Decentralized Federated Learning Framework with Blockchain for Verifiable and Trusted Collaboration	Kruti Sutaria; Mahalakshmi S; Manisha Paliwal; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
27	Twitter Bot Detection Using GCN with Adaptive Neighborhood Aggregation and Squeeze Module	Mitul Patel; D Karthick Rajan; Adusupalle Muni Raju; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
28	Visual Perception-Based Data-Driven Path Tracking Using Behavior Analysis and the ANFIS Approach	Pooja Bhatt; Vinita Tiwari; T Vinoth; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
29	Context-Sensitive Graph Reduction and Partitioning for Enhanced Cyber Attack Investigation	Kamal Sutaria; D Karthick Rajan; Ganesh Pandit Pathak; Pravin Dange	2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	2025
30	Technology as an Enabler of Sustainable Smart Cities	Naval Lawande	ICT Analysis and Applications	2025
31	Efficient Image Encryption Method Incorporating DNA Coding and Chaotic Systems	Pradeep K; Kruti Sutaria; Manisha Paliwal; Jaya Chitranshi	2025 3rd International Conference on Data Science and Information System (ICDSIS)	2025

32	AI driven work life integration: How smart technologies transforming the modern workplace	Namita Chawla, Vishal Prakash Ekatpure, Nandini Desai; Harshal Raje; Reena (Mahapatra) Lenka ; Vidya Bhandwalkar	AIP Conference Proceedings	2025
33	Harnessing IoT Data for Real-Time Marketing Insights and Consumer Engagement	Shanul Gawshinde , Ajay Khurana, Harsimran Kaur & Sukhpreet Kaur	Leveraging Emerging Technologies and Analytics for Empowering Humanity, Vol. 1	2025
34	Hybrid Optimal Feature Selection for Medical Data Analysis in IoT-Based Prognosis	Pradeep K; Pooja Sapra; Ganesh Pandit Pathak; Shanul Gawshinde	IEEE Xplore	2025
35	Improving Aerial Image Registration by Outlier Filtering Through Feature	Adusupalle Muni Raju; Kirubasankar K; Sanjay Agal; Shanul Gawshinde	IEEE Xplore 1	2025
36	Detecting Bornean Orangutan Nests with Drones and YOLOv5	Sanjay C.P.; Janarthanan R.; Desai I.; Gawshinde S.	IEEE Xplore	2025
37	Evaluating Public Satisfaction with Public Service Applications using Supervised Machine Learning	Manisha Paliwal; D. Karthick Rajan; Falguni Tlajiya; Shanul Gawshinde	IEEE Xplore 1	2025
38	Analyzing the Performance of Various Classification Algorithms in Diabetes Prediction	Girish Jadhav; Priyanka S A; Ganesh Pandit Pathak; Pravin Kumar Bhojar	IEEE Xplore	2025
39	Assessing Machine Learning Models for Natural Language Processing Tasks	Paliwal M.; Mahalakshmi S.; Farooqui Y.; Gawshinde S.	(ICDSIS	2025
40	Assessing the Effect of AI-Powered HR Analytics on Electronics Manufacturing Decision-Making	Ronak Gupta; Sanchita Kumar; Sunita Karad; Vivek Singh; Reena Lenka ; Poonam Nikam	IEEE Xplore	2025
41	Multimodal Brain Tumor Segmentation Using a Dual-Branch Vision Transformer Integrated with Region-Attention Fusion Network	Sunita Yadwad; Rajeswari C; D. Nirmal Raj; Pravin Dange	IEEE Xplore	2025

42	Performance Enhancement and Secrecy Analysis of Hybrid RF/FSO Communication Links Under Combined κ - μ Fading and Exponential Turbulence Conditions	Deepak Upadhyay; Prakhar Prakhar; Rashmy Moray ; Rashmi Sharma; Nookala Venu; Shipra Shukla	IEEE Xplore	2025
43	Scalable Subspace Clustering via Purity Kernel Tensor Learning	Rachit Adhvaryu; S Rajes Kannan; Sanjay C. P; Pravin Dange	IEEE Xplore	2025
44	Digital Signature Authentication Using Deoxyribonucleic Acid Sequencing for Enhanced Online Verification	Raman R.; Kumar V.; Pillai B.G.; Rabadiya D.; Bhoyar P.K. ; Kumbhojkar N.	IEEE Xplore	2025
45	Student Performance Management in Higher Education: A Bibliometric Analysis	Jaya Chitranshi, Rajiv Divekar, Reena Lenka	Proceedings of Tenth International Congress on Information and Communication Technology	2025
46	Regulation of Fintech: Robo Advisory Services	Priyanka Divekar, Ankita Bhatia , Rajiv Divekar, Arti Chandani, Mohit Pathak, Prashant Ubarhande	Intelligent Strategies for ICT	2025
47	Performance evaluation of AI driven fitness apps for elderly: Applying Vroom's expectancy theory of motivation	Komal Chopra	Proceedings - 2025 International Conference on Emerging Information Technology and Engineering Solutions, EITES 2025	2025
48	Perceived Trust and Risk Perception in Cross Border E-Commerce: Key Challenges	Smita Mehendale , Ameya Deshpande	Navigating Change Innovations in Management & Marketing	2025
49	Machine Learning—Book Recommendation Using KNN	Anuja Bokhare, Vanishree Pabalkar , Ronell Salunkhe	ICT: Applications and Social Interfaces (ICTCS 2024)	2025
50	Knowledge-Driven Hierarchical Reinforcement Learning Framework for Automated Disease Diagnosis in Dialogue Systems	Poonima Jayaraman; Kamal Sutaria; Ganesh Pandit Pathak; Jaya Chitranshi	2025 3rd International Conference on Data Science and Network Security (ICDSNS)	2025
51	Intelligent Adaptation: Technological and Industrial Trends Shaping Post-pandemic Adoption	Vanishree Pabalkar, Rahul Dhaigude	ICT: Applications and Social Interfaces (ICTCS 2024)	2025

52	Improving Car Plate Recognition with Convolutional Neural Networks and Regular Expressions Correction	R. Janarthanan; Patik Patel; D. Nirmal Raj; Rajiv Divekar	2025 3rd International Conference on Data Science and Information System (ICDSIS)	2025
53	Hybrid Deep Learning Optimization for Predicting the Spread of Emerging Infectious Diseases	Pradeep K; Yassir Farooqui; K. Bharat Ramkumar; Rajiv Divekar	2025 3rd International Conference on Data Science and Information System (ICDSIS)	2025
54	Harnessing the Potential of AI in Gender Mainstreaming Activities in Education	Komal Chopra, Dipali More	Advances in Data-driven Computing and Intelligent Systems (ADCIS 2024)	2025
55	Fintech Payment Gateways: A Step Toward Digital Financial Inclusion	Ajay Khurana, Shanul Gawshinde , Harsimran Kaur & Sukhpreet Kaur	Innovative Computing and Communications (ICICC 2025)	2025
56	Extending Up Growth Prospects in Electronic Sectors with Advances in AI and Data Science	Jasbir Kaur; Reena Mahapatra Lenka ; Sandip Sane; Harshal Raje; Nilesh Vitthal Limbore; Nilesh Anute	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT)	2025
57	Exploring the Effects of AI Powered HR Analytics on Employee Performance in the FMCG Sector	Rupali Khaire; Ghodake Shamrao Parashram; Reena Mahapatra Lenka ; Sharad Patil; Meena Sunildutt Sharma	2025 World Skills Conference on Universal Data Analytics and Sciences (WorldSUAS)	2025
58	Empowering Rural Women in South Asia Through Fintech: Contribution to Sustainable Development Goals and Entrepreneurial Growth	Priyanka Divekar, Ankita Bhatia, Rajiv Divekar & Arti Chandani	Intelligent Strategies for ICT (ICTCS 2024)	2025
59	A System for Performance Measurement in Higher Education	Reena (Mahapatra) Lenka, Rajiv Gopalkrishna Divekar, Jaya Chitranshi	Proceedings of Tenth International Congress on Information and Communication Technology	2025

60	Analyzing the Application of Robotic Process Automation (RPA) Across Retail Processes and Evaluate an Implementation Framework for Best Practices	Ruby S. Chanda, Rahul Dhaigude	ICT: Applications and Social Interfaces(ICT	2025
61	Creating an Academic Performance Management Model for Higher Education	Jaya Chitranshi, Rajiv Divekar, Reena Lenka	Proceedings of Tenth International Congress on Information and Communication Technology	2025
62	Creative Destruction of Risk in Financial Institutions Through Technology	Rahul Dhaigude, Vanishree Pabalkar	ICT: Applications and Social Interfaces	2025
63	Data Science Implementation for Social Empowerment	Samrat Ray, Souvik Datta, Smita Mehendale, Mita Mehta	Proceedings of Tenth International Congress on Information and Communication Technology	2025
64	Designing a System of Performance Feedback Communication in Higher Education	Jaya Chitranshi, Rajiv Divekar, Reena Lenka	Proceedings of Tenth International Congress on Information and Communication Technology	2025
65	Investigating the Tech-Driven Aftermarket Potential of Gasoline Systems for Indian Passenger Cars	Vanishree Pabalkar, Ruby Chanda, G. Pradeep	ICT: Applications and Social Interfaces	2025
66	Drones for Smart Agriculture in India	Pradnya Vishwas Chitrao, Pravin Kumar Bhoyar, Rajiv Divekar	Information Systems for Intelligent Systems	2025
67	Sustainable Leadership Practices Adopted by Corporate and Defence	Suruchi Pandey, Hemlata Gaikwad, Yograj Ingale, Neha Sharma	ICT Systems and Sustainability	2025
68	System and Method of Conducting Online Exam Using Image Processing	Ruby Chanda, Reena Lenka	Smart Trends in Computing and Communications	2025
69	Environmental Sustainability Life Cycle Mapping Software and Services Leveraging Value Stream Mapping Technology	Ruby chanda, Rahul Dhaigude	Smart Trends in Computing and Communications	2025
70	Understanding the Drivers of Usage Intention of Chatbots by Bank Customers... A UTAUT Approach	Riya Reddy, Ayoush Singh, Keshav Tanwar, Rashmy Moray , Shikha Jain, Sridevi Chennamsetti	Smart Trends in Computing and Communications	2025

71	An Artificially Intelligent System to Strategize and Predict Employee Attrition and Retention in HR Management	Reena Lenka, Jaya Chitranshi, Vanishree Pabalkar	ICT Analysis and Applications	2025
72	Smart Farming in India: The Role of AI in Agricultural Transformation	Ruby Chanda, Vanishree Pabalkar	Smart Trends in Computing and Communications	2025
73	A System for Personalized Voice-Assisted Comprehensive Treatment of Visually Impaired Patients Using Generative AI	Smita Mehendale, Reena Lenka	Smart Trends in Computing and Communications	2025
74	An Individual Perception and Consumer Behaviour on Mutual Funds	Reena Lenka, Jaya Chitranshi, Vanishree Pabalkar	ICT Analysis and Applications	2025
75	Artificial Intelligence for Enhanced Logistics Tracking in Hospitals	Rahul Dhaigude, Ruby Chanda, Shrikant Ghadge	ICT Systems and Sustainability	2025
76	Enhancing Customer Experience (CX) with Generative AI-Based Net Promoter Score (NPS) Prediction	Ruby S. Chanda, Vanishree Pabalkar, Priya Pradipkumar Tiwary	ICT Systems and Sustainability	2025
77	Artificial Intelligence for Enhanced Logistics Tracking in Hospitals	Rahul Dhaigude, Ruby Chanda, Shrikant Ghadge	ICT Systems and Sustainability	2025
78	Technology-Driven Cycle Time Reduction: The Impact of Advanced Cutting Tools on Production Performance	Vanishree Pabalkar, Ruby Chanda, Debjyoti	Smart Trends in Computing and Communications	2025
79	Sentiment Analysis of Financial Tweets & News Using Machine Learning to Identify Trading Opportunities	Ruby S. Chanda, Rahul Dhaigude	ICT Analysis and Applications	2025
80	Enhancing Automated Brain Tumor Classification Performance on MRI using Deep Learning Techniques	D. Nirmal Raj, S. Amutha, Girish J. Jadhav, Shanul Gawshinde	2025 3rd International Conference on Data Science and Information System (ICDSIS)	2025
81	Empowering Rural Women in South Asia Through Fintech: Contribution to Sustainable Development Goals and Entrepreneurial Growth	Priyanka Divekar, Ankita Bhatia, Rajiv Gopalkrishna Divekar, Arti Chandani	Intelligent Strategies for ICT(ICTCS 2024)	2025

82	Efficient and Robust Graph Metric Learning Guided by Model Selection Principles	Umang Soni; Rajeswari. C; Ganesh Pandit Pathak; Pravin Dange	2025 3rd International Conference on Data Science and Network Security (ICDSNS)	2025
83	Drones for Smart Agriculture in India	Pradnya Vishwas Chitrao, Pravin Kumar Bhoyar, Rajiv Divekar	Information Systems for Intelligent Systems (ISBM 2024)	2025
84	Investigating the Tech-Driven Aftermarket Potential of Gasoline Systems for Indian Passenger Cars	Vanishree Pabalkar, Ruby Chanda, G. Pradeep	ICT: Applications and Social Interfaces (ICTCS 2024)	2025
85	Designing a System of Performance Feedback Communication in Higher Education	Jaya Chitranshi, Rajiv Divekar, Reena Lenka	Proceedings of Tenth International Congress on Information and Communication Technology (ICICT 2025)	2025
86	AI-Driven Robotics and IoT for Advanced Precision Orchard Management	Chitra Sabapathy Ranganathan; Ramakrishnan Raman; Brig Rajiv Divekar ; N. Jeevitha; A Thilagavathy; Monishbabu K P	2025 11th International Conference on Communication and Signal Processing (ICCSP)	2025