Academic Year 2024-25: Student Research Publications in National and International Peer-Reviewed Journals (ICAIM 2025)

S. NO.	Author Name	Title	Journals	Volume,Issue	Publication Link
1	Mohammad Maaz, Mohammad Farooque Glasswala, Nikhil Vijay Chaudhari	Leveraging IT Solutions for Efficient Waste Management and Biofuel Production	The Journal of Computational Science and Engineering (TJCSE)	Volume 3 Issue 5	https://jcse.cloud/JCSE/Published_Papers/V3I5PP1-5.pdf
2	Sanjana Jaysingh Yadav, Sakshi Manoj Upadhyay	Integrating AI (Artificial Intelligence) with RPA (Robotic Process Automation): A Review of Cognitive Automation	The Journal of Computational Science and Engineering (TJCSE)	Volume 3 Issue 5,	https://jcse.cloud/JCSE/Published_Papers/V3I5PP6-15.pdf
3	Sanjana Panda	Digital Technology and Social Isolation: A Machine Learning Study of Wellbeing Patterns	The Journal of Computational Science and Engineering (TJCSE)	Volume 3 Issue 5,	https://jcse.cloud/JCSE/Published_Papers/V3I5PP33-42.pdf
4	Sonam Sachchidanand Chaudhary	Reimagining Mental Health Infrastructure in India: Innovative Pathways to a Healthier Society	The Journal of Computational Science and Engineering (TJCSE)	Volume 3 Issue 5,	https://jcse.cloud/JCSE/Published_Papers/V3I5PP33-42.pdf
5	Tahera Kausar Mohd Khurdus Ansari, Akash Anil Choudhary	Transforming Primary History Education: Development and Implementation of HistBot, an AI-Powered, Curriculum-Aligned Chatbot	The Journal of Computational Science and Engineering (TJCSE)	Volume 3 Issue 5,	https://jcse.cloud/JCSE/Published_Papers/V3I5PP43-61.pdf
6	Sahil Agrahari, Riya Singh	AI – Driven Solutions for Building Energy Efficiency	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 2	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1532
7	Sunil Akhilesh Yadav,Uday Nandlal Yadav	Strengthening Cybersecurity in Mobile Banking For Sustainable Digital Financial Inclusion in India	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1551
8	Gaurav Avadhesh Mishra,Ananya Sunil Kshatriya	Combating Crop Diseases in India: The Role of IoT and AI in Early Detection and Prevention	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 1	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1548
9	Suraj R Bind,Madhav Jha	Leveraging Machine Learning for Enhanced Agricultural Productivity: A Crop Recommendation System Approach	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 1	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1547
10	Nirbindu Bor, Ajay Gupta	Analyzing the Impact of IoT in Agriculture: Data-Driven Insights into Crop Production, Waste Reduction, and Profitability	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 1	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1544

11	Anand Lallan Thakur, Kunal Dayanand Thakur	Advancements in Wearable Health Technology: A Comprehensive Analysis of Recent Innovations	International Journal of Human Computer Interaction and Data Mining	Volume 8, Issue 1	https://adrjournalshouse.com/index.php/Int-Journal-data-mining-computer/article/view/2296
12	Vikash Ram Narayan Gupta, Rahulkumar Vijaykumar Gupta	Leveraging Solar Energy and IoT for Smart Irrigation: A Sustainable Solution for Indian Agriculture	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 1	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1550
13	Namitha Naveen Salian, Gauri Raju Chaurasiya	Predictive Modeling of Soil Drying Using Machine Learning for Sustainable Agriculture	Journal of Advanced Research in Alternative Energy, Environment and Ecology	Volume 12, Issue 1&2	http://thejournalshouse.com/index.php/AltEnergy-Ecology-EnvironmentJ/article/view/1559
14	Pratik Chandrashekhar Gavali, Arjun Manojkumar Shirbhate	Integration of IOT and AI for Next Generation Smart Homes	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 2	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1545
15	Annapurna Satyanarayan Gupta, Josephine Patrick Fernandes	Leveraging AI for Early Cancer Diagnosis	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 1	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1533
16	Sanyog Virendra Yadav	Use Of Quantum Computers with AI Integration for Drug Discovery	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 1	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1535
17	Shankarprasad Mahto, Pawan Gupta	Machine Learning-Based Score Prediction for IPL Matches: A Comprehensive Analytical Approach	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 2	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1540
18	Sudha Ramashray Yadav	AI-Driven Digital Platforms for Rural Entrepreneurship: Enabling Inclusive Growth and Economic Empowerment for a Viksit Bharat	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 1	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1536
19	Piyush Kumar, Jyoti	Harnessing Smart Energy Networks to Combat Climate Change	Journal of Advanced Research in Alternative Energy, Environment and Ecology	Volume 12, Issue 3&4	http://thejournalshouse.com/index.php/AltEnergy-Ecology-EnvironmentJ/article/view/1560
20	Khushboo Jamodkar	The Future of Agentic AI Systems	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 1	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1544
21	Siddhi Santosh Kotre	Optimizing Healthcare Delivery: The Role of Centralized Electronic Health Records in Enhancing Patient Care and Efficiency	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 1	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1537
22	Rahul Pal,Rishabh Singh	Image Processing for the Identification of Leaf Disease	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 1	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1549
23	Vinaykumar Yadav, Abhishek Vishwakarma	AI-Powered Wearable Health Devices: Revolutionizing Real-Time Monitoring	Journal of Advanced Research in Intelligence Systems and Robotics	Volume 7, Issue 1	https://adrjournalshouse.com/index.php/Intelligence-Robotics-Sysytem/article/view/2302*
24	Abhishek Sharma, Jayant Singh	A Comprehensive Review of Modern Cyber Defense: The Role of Threat Intelligence and Hunting	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1553
25	Priyanka Suresh Gupta,Jagadish Pannala	Cloud-Based Agricultural Platforms: A New Era of Remote Farm Monitoring in India	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 2	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1556

26	Harsh Vishwakarma Dinesh, Sachin Yadav	Smart Agriculture Solutions for Smallholder Farmers in Developing Countries	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 2	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1552
27	Manish Gupta, Sandeep Mandal	Study of Smart Agriculture by using AI	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1563
28	Saurav Yadav, Riddhi Kesharwani	Climate change Action: IoT-Driven Mitigation and Resilient Infrastructure	Journal of Advanced Research in Alternative Energy, Environment and Ecology	Volume 12, Issue 1&2	http://thejournalshouse.com/index.php/AltEnergy-Ecology-EnvironmentJ/article/view/1541
29	Ganga Dubey, Jagriti Pandey	Smart Agriculture: Revolutionizing Farming with Technology	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 2	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1553
30	Manishkumar Singh, Nilesh Mahmiya	Smart Agriculture with IoT and Data Analytics: Boosting Yields Sustainably	Journal of Advanced Research in Agriculture Science and Technology	Volume 8, Issue 2	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1554
31	Sachit Pandey,Shivam Maurya	Empowering Indian Agriculture and Healthcare through Data Analytics	Journal of Advanced Research in Agriculture Science and Technolog	Volume 8, Issue 2	https://www.medicaljournalshouse.com/index.php/Journal-AgricultureSciTech/article/view/1543
32	Omkar Ghadigaonkar, Sooraj Gupta	Study of AI and Data Analysis in Digital Lending Apps	Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1558
33	Sagar Patel, Abhijay Singh	Revolutionizing Gaming with AI: Pioneering Innovation for Viksit Bharat	Journal of Advanced Research in Modeling and Simulation	Volume 7, Issue 1	https://adrjournalshouse.com/index.php/Modelling-Simulation-operations/issue/view/459
34	Neha Sharma, Shilpi Prasad	Predictive Analytics in Healthcare Using Artificial Intelligence	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 1	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1547
35	Nikita Prashant Shukla,Satyam Rajesh Sharma	Revolutionizing Digital Marketing: The Role of Artificial Intelligence in Shaping the Future	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 1	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1556
36	Ankush R Singh, Manojkumar Rendla	Digital Transformation and Innovation in Achieving Viksit Bharat	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1557
37	Ashwin S Gopkumar,Sonu Kumar Singh	From Data to Decisions: The Impact of AI in Modern Healthcare	Journal of Advanced Research in Signal Processing and Applications	Volume 7, Issue 1	http://thejournalshouse.com/index.php/SignalProcessing-Applications/article/view/1562
38	Neha Sanjiv Gupta, Yash Bhadresh Mewada	Guiding Light: The Role of AI in Empowering the Visually Impaired	Journal of Advanced Research in Information Technology, Systems and Management	Volume 9, Issue 2	http://thejournalshouse.com/index.php/information-tech-systems-mngmt/article/view/1538
39	Asif Samani,Shukla Pratik	Transforming Education in India: Overcoming Barriers and Leveraging ICT for Inclusive Growth Unprofessional Education in India	Journal of Advanced Research in Applied Artificial Intelligence and Neural Network	Volume 9, Issue 2	http://thejournalshouse.com/index.php/neural-network-intelligence-adr/article/view/1555
40	Shantanu Gaikwad,Piyush singh	IoT and Sensor Technologies: Revolutionizing Connectivity and Data Insights	Journal of Advanced Research in Wireless, Mobile and Telecommunication	Volume 8, Issue 1	http://thejournalshouse.com/index.php/wireless-mobiletelecommunication/article/view/1561
41	Priya Yadav, Aanchal Gupta	Effect of UPSC Exam Competition on the Mental Health of Students	Research & Reviews: A Journal of Health Professions	Volume 15, Issue 1	https://journals.stmjournals.com/rrjohp/article=2025/view=208701/

42	Aniket Vishwakarma, Himanshu Vaishya	Smart Agro-Advisory Systems: AI-Based Platforms for Real-Time Farmer Decision Support	current Trends in Information Technology/International Journal of Microwave Engineering and Technology	Volume 11, Issue 1	https://journalspub.com/wp-content/uploads/2025/04/8-14-Smart-Agro-Advisory-Systems-AI-Based-Platforms-for-Real-Time-Farmer-Decision-Support.pdf
43	Eidaan Ansari	Harnessing IoT and Sensor Technologies for Smart Agriculture: A Path Towards Viksit Bharat	Journal of Communication Engineering & Systems	Volume 15, Issue 2	https://journals.stmjournals.com/joces/article=2025/view=210264/
44	Sayli Rajendra Dholam	Comparative Study of Machine Learning Algorithms for Detection of Breast Cancer	Journal of Artificial Intelligence Research & Advances	Volume 15, Issue 2	https://journals.stmjournals.com/article/article=2025/view=214619/
45	Shaikh Inamul Hasan, Shaikh Ayesha	Role of Generative AI in Redefining Data Analytics	International Journal of Algorithms Design and Analysis Review	Volume 3, Issue 2	https://journals.stmjournals.com/article/article=2025/view=214632/
46	Ram Parab, Omkar Sawant	IoT-Based Diabetes Management: Advancements and Challenges in Healthcare	Journal of Telecommunication, Switching Systems and Networks/ International Journal of Optical Innovations and Research	Volume 3, Issue 1	https://journals.stmjournals.com/?p=206790
47	Mrutunjay Yadav, Sachin Yadav	Leveraging IoT for Real-Time Disaster Management: Enhancing Preparedness and Response through Smart Monitoring	Research & Reviews: A Journal of Embedded System & Applications	Volume 13, Issue 2	https://journals.stmjournals.com/rrjoesa/article=2025/view=208525/
48	Ankush R Singh, Manojkumar Rendla	Empowering India: Digital Transformation for Economic Growth and Inclusivity	Journal of Advanced Database Management & Systems	Volume 12, Issue 2	https://journals.stmjournals.com/joadms/article=2025/view=208916/
49	Aditya Navrange, Niranjan Shinde	IoT and Sensor Technologies: Revolutionizing Connectivity and Data Insights	Journal of Instrumentation Technology & Innovations/ International Journal of Radio Frequency and Innovation	Volume 3, Issue 1	https://journals.stmjournals.com/ijrfi/article=2025/view=206577/
50	Rohit Gosia, Deepak Maurya	Study of Energy Efficiency in IoT Devices	Journal of Remote Sensing & GIS	Volume 16, Issue 2	https://journals.stmjournals.com/jorsg/article=2025/view=214792/
51	Vineet Singh, Saurabh Singh	DietMate: A Personal Nutrition and Health Tracking App	International Journal of Nutritions	Volume 2, Issue 2	https://journals.stmjournals.com/ijn/article=2025/view=213393/
52	Mr. Aman Vishwakarma, Mr.Bipin Yadav	Transforming Digital Health Card Healthcare in India: An Integrated IT Solution	Journal of Mobile Computing, Communications & Mobile Networks	Volume 12, Issue 2	https://journals.stmjournals.com/article/article=2025/view=214640/
53	Ashish Patel, Suraj Rajbhar	Smart Agriculture in India: Advancements in Image Processing for Automated Plant Disease Detection and Crop Analysis	Journal of Image Processing & Pattern Recognition Progress	Volume 12, Issue 2	https://journals.stmjournals.com/article/article=2025/view=215539/
54	Sanjeevani Murlidhar Gupta, Jayesh Milind Kolambkar	Redefining Land Ownership: A Blockchain- Powered Framework for Transparent and Decentralized Land Record Governance	International Journal of Software Computing & Testing	Volume 3, Issue 2	https://journals.stmjournals.com/article/article=2025/view=214658/
55	Mr. Sudheer Madeshia, Mr. Abhishek Gupta	IoT and Sensor Technologies: Pioneering Smart Agriculture for a Sustainable Future	Recent Trends in Sensor Research & Technology	Volume 12, Issue 2	https://journals.stmjournals.com/rtsrt/article=2025/view=214823/

56	Shivam Sanjay Singh, Sankalp Ramakrant Tiwari	Smart Agriculture Using IoT: A Paradigm Shift in Modern Farming	International Journal of Digital Communication & Analog Signals	Volume 11, Issue 1	https://journalspub.com/publication/ijdcas/article=16282#:~:text=By%20leveraging%20IoT%2Denabled%20devices,operations%20and%20informed%20decision%2Dmaking.
57	Gaurav Gopal Gupta	Algorithm for the prediction of cardiovascular disease (CVD)	Research & Reviews: A Journal of Immunology	Volume 15, Issue 2	https://journals.stmjournals.com/rrjoi/article=2025/view=211467/
58	Vikas Gopal Jha, Omkar Gupta	Healthcare IT Innovations Blockchain Technology for Healthcare Data Security and Privacy	International Journal of Information Security Engineering	Volume 3, Issue 2	https://journals.stmjournals.com/article/article=2025/view=214665/
59	Nikhilkumar Udaynarayan Yadav, Sonu Gulab Chauhan	Revolutionizing Agriculture with Advanced Computer Vision Technologies	Journal of Electronic Design Technology	Volume 16, Issue 2	https://journals.stmjournals.com/joedt/article=2025/view=214011/
60	Balkrishna Hariprasad Bobala, Sagar Ramji Kanojiya	Smart Soil Health Monitoring: Leveraging Sensors and Big Data to Optimize Crop Growth	Research & Reviews: A Journal of Embedded System & Applications	Volume 13, Issue 2	https://journals.stmjournals.com/rrjoesa/article=2025/view=208527/
61	Shubham Chaube	Innovations in Healthcare IT for Enhanced Patient Outcomes	Current Trends in Information Technology	Volume 13, Issue 2	https://journals.stmjournals.com/ctit/article=2025/view=209374/
62	Aryan Dennis, Netra Dhulap	Assessing the Impact of Social Media on Mental Health: A Comprehensive Review of Benefits, Risks, and Future Directions	OmniScience: A Multi-disciplinary Journal	Volume 15, Issue 2	https://journals.stmjournals.com/osmj/article=2025/view=211294/
63	Niket Sing, Raj Singh	Leveraging Large Language Models for Personalized Document Summarization and Question Answering: An Architecture for Stoner-Friendly Chatbots	Journal of Artificial Intelligence Research & Advances	Volume 12, Issue 3	https://journals.stmjournals.com/joaira/article=2025/view=216452/
64	Anjali Varma, Aristha Yadav	IoT in Healthcare: Enabling a Healthier and Smarter "Viksit Bharat"	International Journal of Embedded Systems and Emerging Technologies	Volume 11, Issue 2	https://journalspub.com/publication/ijeset/article=19188/
65	Aditya Vivek Mayekar, Shubham Vikrant Kandarkar	Utilization of 3D Printing Techniques in the Prosthetics Manufacturing: Historical, Current, and Future	Journal of Nanoscience, NanoEngineering & Applications	Volume 15, Issue 3	https://journals.stmjournals.com/jonsnea/article=2025/view=216463/