6.2. Research and Development Activities (60)

6.2.1. Academic Research (15)

(Provide details of compiled list including research papers, available online or in hard-copy, from reputable publishers and should be list of Scopus/WoS. Only papers with the faculty member's affiliation aligned with the current institution are considered. Each entry in the comprehensive list includes details such as DOI, publisher, and month/year of publication.

List of Publications by Faculties in CAY (2025-26)

S. No	Faculty Name	Paper Title	Authors	Name of Journal/Conference/ Book /Book Chapter/Magazine/ Article	Year of publication	DOI/Link	UGC Approved/ Scopus /SCI	Citations
1	Dr. Anurag Tiwari	Enhancing Code Comprehension Through Structural Visualization: The Code-Struct Visualizer	Kushagra Singh, Pranav Mishra, Dr. Anurag Tiwari	International Research Journal of Modernization in Engineering Technology and Science	2025-26	DOI: https://www.doi.org/10.56726/IRJMETS89880	UGC	
		Engineering a Low-Latency, Zero-Retention AI Framework for End-to-End Recruitment Preparation	Shreyash Srivastva, Mohammad Ahmer Siddiqui, Sumit Kumar Chaudhary	Advances in Human-Computer Interaction (Wiley)	2026			
		A Unified AI Framework for End-to-End Recruitment Preparation: Integrating Multimodal Interviews and Generative Resume Refinement	Shreyash Srivastva, Mohammad Ahmer Siddiqui, Sumit Kumar Chaudhary	Computer Science (Springer)	2026	Manuscript ID: SNCS-D-26-02398		

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2	Prof. (Dr.) Manuj Darbari	AI Manuscript Review System	Prakhar Mishra, Kartikey Dwivedi, Himanshu Singh, Mr. Manuj Darbari	IJRTI	2025-26	ISSN: 2456-3315	UGC	
3	Dr. Diwakar Yagyasen	EchoFree : AI Powered Audio Cleaner	Sanya Sonker, Mahiman Singh Deopa, Dr. Diwakar Yagyasen	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2025-26	https://doi.org/10.22214/ijraset.2026.76495	UGC	
		Blockchain based authentication System	Sandeep Yadav, Pradeep Kumar Patel, Hirambar Singh, Mr. Diwakar Yagyasen	IJRTI	2025-26	ISSN: 2456-3315	UGC	
		EchoFree: AI Powered Audio Cleaner	Mahiman Singh Deopa, Sanya Sonker	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026		UGC	
		Blockchain Authentication System	Sandeep Yadav, Pradeep Kumar Patel, Hirambar Singh	Second International Conference on Engineering, Science and Management (ICESM-2026)	2026		UGC	
4.	Dr. Ashish Tiwari	Squamous Cell Carcinoma in Cancer Detection System	Dr Ashish Tiwari, Himanshu Sen, Sameer Patel	International Journal Of Scientific Research In Engineering And Management	2025-26	10.55041/IJSREM58247	UGC	
		Brain Tumor Detection using Advanced Deep Learning	Roshan Pal, Shivam Verma, Adarsh Kumar Mishra	International Journal of Engineering Research and Technology (IJERT)	2026	https://doi.org/10.5281/zenodo.19731706	UGC	

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		Docup: Doctor Appointment Application	Vaibhav Mishra, Utkarsh Narayan, Vivek Verma	International Journal of Novel Research and Development (IJNRD)	2026		UGC	
5	Dr. Ram Bhushan	Safety Tag - Smart IoT-Based Wearable GPS Tracker	Shivanshi Singh, Shiva Mishra, Varnita Shukla	International Journal of Versatile Research and Analysis (IJVRA)	2026	Paper ID: IJVRA2605028	UGC	
		Early Brain Hemorrhage Prediction System Using Machine Learning	Rohan Srivastava, Swapnil Srivastava	STM Journal	2026	https://doi.org/10.37591/RRJoNS.v16i02.242841	UGC	
		Digital Payment Fraudnet	Shivam Sachan, Himesh Kasera, Shivam Yadav	International Journal of Engineering Research and Technology (IJERT)	2026		UGC	
		Safety Tag - Smart IoT-Based Wearable GPS Tracker	Shivanshi Singh, Shiva Mishra, Varnita Shukla	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026		UGC	
6	Dr Sangeeta Mishra	XTrust-AD: A Novel Explainable and Trustworthy Hybrid LSTM-Transformer Autoencoder Framework for Anomaly Detection in AI-Enabled Healthcare Devices	Shweta Gautam, Shubhangi Singh, Tulika Srivastava	International Journal of Novel Research and Development (IJNRD)	2026		UGC	
		Sehat	Prajwal Tiwari, Pervez Ahmed, Iffat Raza	International Journal of Engineering Research and Technology (IJERT)	2026	https://doi.org/10.5281/zenodo.19692551	UGC	
		AI Enabled Trustworthiness and Anomaly Detection in Healthcare Devices: A Comprehensive Review	Shweta Gautam, Shubhangi Singh, Tulika Srivastava	International Journal of Novel Research and Development (IJNRD)	2026		UGC	

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7	Mrs Shubha Mishra	AvGen - Twin Backbone Cross-Model Fusion for Audio and Video Generation	Naveen Singh, Nalin Tiwari	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM61323	UGC	
		AvGen - Twin Backbone Cross-Model Fusion for Audio and Video Generation	Naveen Singh, Nalin Tiwari	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	Incomplete DOI: 10.55041	UGC	
		Real-Time Multimodel Synchronization of TTS, Lipsync, and Caption Generation using Deep Learning	Abhay Gupta, Aditi Kesarwani, Ashish Kumar Mishra	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM57943	UGC	
8	Mr. Shekhar Srivastava	Assessnce: An AI-Powered Framework for Automated Placement Training and Interview Analysis	Harsh Verma, Pranav Tripathi, Prateek Saxena	INCON-SDG 2026: Advancing Sustainable Development Goals through Innovation, Technology, Health Sciences and Human Development/International Research Journal on Advanced Engineering and Management	2026	https://doi.org/10.47392/IRJAEM.2026.0168	UGC	
		Patient case similarity with black fungus and cancer treatment using AI	Alok Singh, Abhinav Pandey, Anandpal	ICESM	2026			
		Assessnce: An AI-Powered Framework for Automated Placement Training and Interview Analysis	Harsh Verma, Pranav Tripathi, Prateek Saxena	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	https://doi.org/10.48175/IJARSCT-31327	UGC	
		Patient Case Similarity using AI with Black Fungus and Cancer	Alok Singh, Abhinav Pandey, Anandpal	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2026	https://doi.org/10.22214/ijraset.2026.77547	UGC	

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		Treatment						
9.	Mr. Sandeep Mishra	Heart Disease Prediction System	Aman Kumar, Ayush Kumar Yadav	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	2026	https://doi.org/10.32628/CSEIT26121338	UGC	
		Empowering Indian Smallholder Farmers through AI: A Data-Driven Support Framework	Mohd Iliyas, Priyanshu Pathak	3rd International Research Conference on Big Data Analytics and Visualization (IRCBDAV 2026)	2026		UGC	
10	Mr. Anurag Shukla	BrandForge: Automated Brand Creation for Startups	Nikhil Mishra, Neeraj Kumar Yadav	International Journal of Engineering and Techniques	2026	https://doi.org/10.5281/zenodo.18725868	UGC	
		A Comprehensive Review: AI-Powered Meeting Assistant and Action Tracking	Nikhil Mishra, Neeraj Kumar Yadav	International Journal for Research Trends and Innovation (IJRTI)	2026		UGC	
11	Mr Vineet Agarwal	Optimizing Vehicle Fuel Efficiency via Machine Learning: A Data-Driven Approach	Shubham Kumar Mishra, Saksham Porwal, Saurav Sharma	International Journal of Versatile Research and Analysis (IJVRA)	2026	https://doi.org/10.5281/zenodo.20024948	UGC	
		Inscription and Ancient Script Recognition Using OCR	Tushar Singh, Annamaya Mani Pandey, Sudhanshu Gond	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT)	2026	https://doi.org/10.32628/CSEIT26121 3119	UGC	
		Fuel Efficiency Prediction Model	Shubham Kumar Mishra, Saksham Porwal, Saurav Sharma	Journal of Advance and Future Research	2026	https://doi.org/10.5281/zenodo.19642873		
		Inscription and Ancient Script Recognition Using	Tushar Singh, Annamaya Mani Pandey, Sudhanshu Gond	International Journal of Scientific Research in Computer Science, Engineering and	2026	https://doi.org/10.32628/CSEIT26121310	UGC	

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		OCR		Information Technology (IJSRCSEIT)				
12	Mr. Rudrendra Bahadur Singh	Toward Trustworthy Legal Summarization: Models, Datasets, and Factuality Challenges in Indian Judicial AI	Shreya Singh, Silki Rai, Priyanshu Yadav	Advanced Research Society for Science and Sociology	2026	Paper ID: AR-CAI-NOID-060326-16553	UGC	
		A Comprehensive Review on Decentralized Tri-Model AI Frameworks for Privacy-Preserving Autonomous Robotics	Rishit Mishra, Ekta Rastogi, Tanmay Gunwant	International Journal of Innovative Research in Technology (IJIRT)	2026	https://doi.org/10.64643/IJIRTV12I11-196398-459	UGC	
13	Mr Gyanendra Kumar	RiderConnect: A Group of Ride Sharing Platform	Shikhar Nigam, Shikhar Agarwal, Sushant Shukla, Utkarsh Kumar Gupta	International Journal of Versatile Research and Analysis (IJVRA)	2026	https://doi.org/10.56975/ijvra.v4i4.705152	UGC	
		Insight: Interview Skills and Intelligence Grading with Holistic Tracking	Janmejay Singh, Harsh Mishra, Harsh Pandey	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM62185	UGC	
		RiderConnect: Group ride sharing platform for riders	Shikhar Nigam, Shikhar Agarwal, Sushant Shukla, Utkarsh Kumar Gupta	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026	https://doi.org/10.56726/IRJMETS89829	UGC	
		Insight: Interview Skills and Intelligence Grading with Holistic Tracking	Janmejay Singh, Harsh Mishra, Harsh Pandey	International Conference on Artificial Intelligence (ICAI) by ARSSS	2026	Paper ID: AR-CAI-NOID-060326-16585	UGC	
14	Mr Kamlesh Kumar	RouteMate: An Adaptive Geohash-Based Privacy-	Arpit Kumar Rai, Piyush Pratap Singh, Shakti Singh Visen	International Research Journal of Modernization in Engineering Technology and Science	2026	https://doi.org/10.56726/IRJMETS96918	UGC	

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		Preserving Framework for Real-Time Ride-Sharing Systems	(IRJMETS)					
		PeerCraft	Adarsh Agrahari, Abhay Pandey	METSZET	2026	Incomplete DOI: 10.55041	UGC	
		RouteMate: Privacy-Preserving Smart Ride Sharing Connector	Arpit Kumar Rai, Piyush Pratap Singh, Shakti Singh Visen	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026	https://doi.org/10.56726/IRJMETS89857	UGC	
		PeerCraft – A Community-Driven Peer-to-Peer Skill Exchange Learning Platform	Adarsh Agrahari, Abhay Pandey	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM56708	UGC	
15.	Dr. Vinayak	Ensemble Convolutional Neural Networks for Alzheimer's Disease Detection	Shrey Anand Srivastava, Swapnil Singh, Vedant Bhagwani	International Journal of Versatile Research and Analysis (IJVRA)	2026	https://doi.org/10.56975/ijvra.v4i4.705119	UGC	
		Advances in Groundwater Level and Quality Prediction Using Machine Learning	Vidhan Mishra, Harendra Das, Shubham Kumar Mishra	International Journal of Versatile Research and Analysis (IJVRA)	2026	https://doi.org/10.1007/s10040-019-02001	UGC	
16	Mr. Saurabh Kumar Jain	Ensemble Convolutional Neural Networks for Alzheimer's Disease Detection: A Systematic Review	Shrey Anand Srivastava, Swapnil Singh, Vedant Bhagwani	ICASTEM 2026	2026	https://doi.org/10.47392/IRJAEH.2026.0236	UGC	
		ArogyaX: Bridging the Clinical Trust Gap in Multi-Label Chest X-Ray Classification via Quantitatively Validated Explainable AI	Suyash Verma, Shivam Singh, Ritesh Singh	Journal of Advance and Future Research	2026	https://rjwave.org/jaafr/viewpaperforall.php?paper=JAAFR2605011	UGC	

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		Fake News Detection Web Application: A Unified Deep Learning Framework for Real-Time Fake News Detection	Aditya Tripathi, Aditya Mishra, Aman Gupta	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026		UGC	
		Localization Supervision of Chest X-Ray Classifiers Using Label-Specific Eye-Tracking Annotation: A Critical Analysis	Suyash Verma, Shivam Singh, Ritesh Singh	International Journal of Engineering Development and Research (IJEDR)	2026		UGC	
		Synthetic Data Generator	Shriyansh Tiwari	ICRET	2026	Paper ID: ICRET26010302	UGC	
17	Mr. Satyam Dubey	Automating DevOps: A Review of AI-Powered SaaS Platforms for Deploying and Scaling MERN Applications	Harsh Sharma, Praveen Yadav, Gagan Deep Yadav	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM62064	UGC	
		File Ease: Smart Android File Management Application for Secure Storage and Automated File Organization	Ayush Srivastava, Ayush Singh Pal, Akash Singh	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM62307	UGC	
		A Review on Android File Management Applications for Secure Storage,Smart Organisation and Emerging Trends	Ayush Srivastava, Ayush Singh Pal, Akash Singh	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM62398	UGC	
18	Ms Neha Chauhan	Explainable AI for Transparent Decision Making in Health care	Varisha Mirza, Twinkle Yadav	International Journal of Novel Research and Development (IJNRD)	2026		UGC	

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		AI-Based Bidirectional Sign Language Translator and Learning System	Prithvi Singh Chauhan, Nitin Kumar Vishwakarma, Divyanshu Tiwari	International Journal of Engineering Research and Technology (IJERT)	2026		UGC	
		AI-Based Bidirectional Sign Language Translator and Learning System	Prithvi Singh Chauhan, Nitin Kumar Vishwakarma, Divyanshu Tiwari	International Research Conference on Big Data Analytics and Visualization (IRCBDAV 2026)	2026		UGC	
19	Mr Amit Kumar Sachan	CareerPathAI: AI-Powered Personalized Career Guidance	Prem Vishwakarma, Pravin Kumar, Suryansh Chandel	International Journal of Engineering and Techniques	2026	https://doi.org/10.5281/zenodo.18725869	UGC	
		AI Hiremaster - An AI-Powered Mock Interview Platform	Not provided	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	https://doi.org/10.48175/IJARSCT-31252	UGC	
20	Ms Padmini Mishra	AI-based Early Diagnosis and Prevention of Diabetes	Swati Dixit, Mahi Singh Chauhan	STM Journals	2026	https://doi.org/10.37591/RRJoBI.v13i02.242800	UGC	
		AI Based Personal Finance Planners and Robo-Advisors: A Comprehensive Review	Ishant Srivastav, Manish Yadav, Anshika Singh	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM56305	UGC	
21	Mr Rajeev Srivastava	Stock Sentiment Analyzer	Rudravesh Tiwari, Satyam Mishra	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026	https://doi.org/10.56726/IRJMETS90196	UGC	
22	Mr. Deepak Pant	Trustable AI for Pneumonia Diagnosis from X-Rays	Not provided	IRCBDAV 2026	2026		UGC	
		Fish Species Identification: An AI and Mobile Solution	Not provided	International Journal of Innovative Research in Technology (IJIRT)	2026		UGC	

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23	Mr Ajay Kumar	Rice Disease Detection	Abhishek Kumar, Anubhav Kumar Sharma, Akshat Trivedi	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM62294	UGC	
		Planet Pulse: Personalized Carbon Footprint Tracking System	Samriddhi Srivastava, Sumit Sargam, Utkarsh Kumar Singh	International Journal of Versatile Research and Analysis (IJVRA)	2026	Pending from publisher	UGC	
24	Mr Praveen Kumar Pandey	Cyber Threat Intelligence System	Surya Pratap Singh, Shekhar Mishra, Suryam Giri	International Research Journal on Advanced Engineering Hub (IRJAEH)	2026	https://doi.org/10.47392/IRJAEH.2026.0333	UGC	
		Smart Dermatology: A melanoma diseases detector	Not provided	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026		UGC	
		A Review on Cyber Threat Intelligence System	Surya Pratap Singh, Shekhar Mishra, Suryam Giri	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026		UGC	
		Sarv Sampoorna Kisan Mitra - AI Based Crop Disease Detection and Management System	Anushka Srivastava, Pragya Srivastava, Khushi Srivastava	International Journal of Advanced Research(IJAR)	2026	https://doi.org/10.21474/IJAR01/23169	UGC	
		Sarv Sampoorna Kisan Mitra -AI Based Crop Disease Detection and Management System	Anushka Srivastava, Pragya Srivastava, Khushi Srivastava	International Research Journal on Advanced Engineering and Management (IRJAEM)	2026	https://doi.org/10.47392/IRJAEM.2026.0119	UGC	
25	Ms Amrita Mishra	Signify Connect: An AI Based Mobile Assistive Systems For Sign Language Recognition	Mohd Hamza, Abdur Rahman, Jaan Mohammad	International Research Journal on Advanced Engineering and Management (IRJAEM)	2026	https://doi.org/10.47392/IRJAEM.2026.0151	UGC	

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		Signify Connect: A Review of AI-Based Mobile Assistive Systems for Sign Language Recognition	Mohd Hamza, Abdur Rahman, Jaan Mohammad	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM56711	UGC	
26	Ms Priyanka Gupta	Smart Heart Attack Prediction With Online Appointment Booking System	Arjun Panday, Akanksha Singh, Ayush Singh Chauhan	International Journal of Pharmacy Research & Technology	2026	https://doi.org/10.31838/ijprt/15.02.486	UGC	
		AI Powered Health Nutrient Rating System	Harjot Singh, Gopal Yadav, Jatin Kumar	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2026	https://doi.org/10.22214/ijraset/15.02.486	UGC	
27	Ms Saroj Singh	Agri-Vision	Harsh Vardhan Tripathi, Jageshwar Kumar, Nikhil Verma	Indian Journal of Computer Science and Technology	2026	https://doi.org/10.59256/indjcst	UGC	
		Potato disease detection	Aman Maurya, Aman Yadav, Aryan Gupta	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026		UGC	
		Agri-Vision	Harsh Vardhan Tripathi, Jageshwar Kumar, Nikhil Verma	Indian Journal of Computer Science and Technology	2026	https://doi.org/10.59256/indjcst.20260501036	UGC	
28	Ms Jyoti Gaur	Ferticast - Data Driven Fertilization Optimisation System Embedded With Rainfall Prediction	Hemant Kushwaha, Shreya Jaiswal, Swechchha Maurya	ICESM-2026	2026		UGC	
		Ferticast - Data-Driven Fertilizer Optimization System Embedded with Rainfall Prediction	Hemant Kushwaha, Shreya Jaiswal, Swechchha Maurya	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	2025	https://doi.org/10.22214/ijraset.2025.76384	UGC	
		AI-Based Early Detection of Parkinson's Disease	Not provided	International Journal of Innovative Research in Technology (IJIRT)	2026		UGC	
29	Ms Richa Verma	Mental Health Voice Monitoring System	Mohammad Avaan, Mohd Anas, Mohammad Suhail	International Journal of Engineering Research and Technology	2026	Paper ID: IJERTV15IS050271	UGC	

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		iShield – Smart Web Traffic Filtering System: A Review	Not provided	International Journal of Innovative Research in Technology (IJIRT)	2026		UGC	
		Mental Health Voice Monitoring System	Mohammad Avaan, Mohd Anas, Mohammad Suhail	International Research Conference on Big Data Analytics and Visualization (IRCBDAV 2026)	2026		UGC	
30	Ms Neha Kulshrestha	Violence Detection and Automated Police Reporting System	Himangi Mishra, Iqra Khan	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM61955	UGC	
		Synthetic Data Generator	Shriyansh Tiwari, Saurabh Mishra	ICRET	2026	Paper ID: ICRET26010302	UGC	
		Violence Detection and Automated Police Reporting System	Himangi Mishra, Iqra Khan	IRCBDAV 2026	2026		UGC	
31	Ms Dipti Ranjan	Methsense – A Data Driven IoT Based Decision Support & Crop Monitoring Platform for Menthol	Aditya Yadav, Akshita Pandey	METSZET	2026	https://doi.org/10.27896/METSZET11.4/11	UGC	
		Methsense – A Data Driven IoT Based Decision Support & Crop Monitoring Platform for Menthol	Aditya Yadav, Akshita Pandey	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM56020	UGC	
32	Ms Archana Dwivedi	Image Based Bovine Breed Recognition System	Anushka Prakash, Kaushal Singh Karki, Sankalp Nishad	International Journal of Advanced Research (IJAR)	2026	https://doi.org/10.21474/IJAR01	UGC	
		Hybrid Sensor Fusion Based Radar Detection System with Integrated RTC and	Sharya Pradhan, Neeraj Kumar	International Journal of Advanced Research (IJAR)	2026	https://doi.org/10.21474/IJAR01/22878	UGC	

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		Multi-Level Alert Mechanism						
		Image Based Bovine Breed Recognition System	Anushka Prakash, Kaushal Singh Karki, Sankalp Nishad	International Conference on Advancement in Science, Engineering and Management (3rd ISCEM - 2026)	2026	https://doi.org/10.47392/IRJAEH.2026.0124	UGC	
		Rice Leaf Disease Detection Using Artificial Intelligence	Yash Mishra, Archana Dwivedi	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM58124	UGC	
		Hybrid Sensor Fusion Based Radar Detection System with Integrated RTC and Multi-Level Alert Mechanism	Sharya Pradhan, Neeraj Kumar	International Research Journal on Advanced Engineering Hub (IRJAEH)	2026	https://doi.org/10.47392/IRJAEH.2026.0061	UGC	
33	Mr Chinmay Shukla	Automated Sugarcane Disease Detection Using AI-Driven Image Analysis	Ujjwal Singh, Vishal Yadav, Vishesh Kumar Singh	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM61186	UGC	
		Remote Sensing and GIS in Precision Agriculture	Shashank Gaur, Tripuresh Tiwari, Vinod Kumar	International Journal of Versatile Research and Analysis (IJVRA)	2026	https://doi.org/10.56975/ijvra.v4i4.705147	UGC	
		Automated Sugarcane Disease Detection Using AI-Driven Image Analysis	Ujjwal Singh, Vishal Yadav, Vishesh Kumar Singh	International Journal of Engineering Research and Technology (IJERT)	2026		UGC	
		Remote Sensing and GIS in Precision Agriculture: a Review of Crop Monitoring and Guidance.	Shashank Gaur, Tripuresh Tiwari, Vinod Kumar	International Education and Research Journal	2026	https://doi.org/10.5281/zenodo.18397254	UGC	

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34	Mr Prasanna Kumar Pandey	Manage One AI	Arun Kumar, Adarsh Yadav, Abhinav Mishra	International Journal of Innovative Research in Technology (IJIRT)	2026	https://doi.org/10.64643/IJIRTV12I10-194300-459	UGC	
		Deathmania:A multiplayer game	Ujjwal Asthana, Sanjeet Yadav	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM59949	UGC	
35	Ms Raziya Siddiqui	AIM (Artificial Intelligence Mentor)	Nitish Kumar Patel, Rajiv Ranjan Malviya, Khushi Gupta	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026	https://doi.org/10.56726/IRJMETS92327	UGC	
		UniAI: A Unified AI Wrapper & Orchestration Framework for Cross-Domain Intelligent Collaboration	Adarsh Kumar, Aditya Singh Sengar	METSZET	2026	https://doi.org/10.27896/METSZET11.5/7	UGC	
		UniAI: A Unified AI Wrapper & Orchestration Framework for Cross-Domain Intelligent Collaboration	Adarsh Kumar, Aditya Singh Sengar	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM56638	UGC	
		PCB Defect Detection in Manufacturing Using Deep Learning	Abhimanyu Pratap Singh, Aniruddh Singh, Anurag Gupta	International Journal of Scientific Research in Engineering and Management (IJSREM)	2026	https://doi.org/10.55041/IJSREM61838	UGC	
36	Ms Poonam Singh	AI-Driven Stress Detection and Management Application	Khushi Sharma, Anju	International Journal of Engineering Research and Technology (IJERT)	2026	https://doi.org/10.17577/IJERTV15IS042370	UGC	
		Lightweight Deep Learning-Based Alzheimer's Detection Using MobileNetV2 and Grad-CAM: A Comprehensive Review	Not provided	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2026	https://doi.org/10.48175/568	UGC	

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37	Mr Rohit Agarwal	Code Collab - Browser Based Real-time Code Collaboration System using WebSockets.	Shaurya Singh, Yash Pratap Singh, Shaurya Srivastava	International Research Journal on Advanced Engineering Hub (IRJAEH)	2026	https://doi.org/10.47392/IRJAEH.2026.0353	UGC	
		GEMMA3N: Enhanced AI Emergency Response System	Not provided	3rd International Conference on Advancement in Science, Engineering & Management (ICSEM 2026)	2026	https://doi.org/10.47392/IRJAEH.2026.0060	UGC	
		Code Collab - Browser Based Real-time Code Collaboration System using WebSockets.	Shaurya Singh, Yash Pratap Singh, Shaurya Srivastava	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)	2026		UGC	

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List of Publications by Faculties in CAYm1 (2024-25)								
S. No	**Faculty Name**	**Paper Title**	**Authors**	**Name of Journal/Conference/Book/Book Chapter/Magazine/ Article**	**Year of publication**	**DOI/Link**	**UGC Approved/ Scopus /SCI**	**Citations**
1	Dr. Anurag Tiwari	Industry 4.0 adoption and eco-product innovation capability - Understanding the role of supply chain integration	Saumaya Ranjan Sahu, Ashwini Kr, Sachin Kr Mangla Anurag Tiwari	Business Strategy and the Environment	2024-25	https://doi.org/10.1002/bse.3949	Scopus/wiley	5
		Exploring the impact of						

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		integrated technological solutions on student engagement administrative efficiency	Anurag Tiwari, Ayush Maurya, Arushi Baranwal, Amritesh Gupta, Anurag Pathak	Emerging Trends in computer Science and its Applications	2024-25	https://doi.org/10.1201/9781003606635	Scopus/CRC	
		DSPY: A Next-Generation AI Chatbot for Enterprise Automation Using NLP, RAG, and Advanced Security	Anurag Tiwari, Aditya Raj Tiwari, Amana Shariq Khan, Chandan Yadav	2025 IEEE International Conference on Computer, Electronics, Electrical Engineering & their Applications (IC2E3)	2024-25	10.1109/IC2E3656356.2025.11166719	Scopus	
		Leveraging Support Vector Machines for Detection of Network Traffic attacks	Anurag Tiwari	(AECE)	2024-25	10.1109/AECE62803.2024.10911174	IEEE	1
		AI-Enabled human capital management (HCM) software adoption using full consistency method (FUCOM): Evidence from banking industry.	Rama Shankar Yadav, Seema Kayapinar Kaya, Abhay Pant, Anurag Tiwari	Global Knowledge, Memory and Communication	2024-25	https://doi.org/10.1108/GKMC-04-2023-0128	Scopus	16
		A exhaustive review on advancements and challenges in low power wireless sensor networks	Manuj Darbari	Emerging Trends in computer Science and its Applications	2024-25	https://doi.org/10.1201/9781003606635	Scopus/CRC	

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2	Prof. (Dr.) Manuj Darbari	The Challenges of enforcing cybercrime laws in the age of E-governance: A literature review	Manuj Darbari	Emerging Trends in computer Science and its Applications	2024-25		CRC Press	
		Identification of Sustainability issues in Current legal system using Quality function Deployment (QFD)	Manuj Darbari, Naseem Ahmad, Abhishek Kr Singh	Library of Progress-Library Science, Information Technology and Computer	2024-25		Scopus	
		Advanced Computational Victimology: Development of sustainable framework for digital Environment Impact Assessment and Predictive Data Analytics.	Manuj Darbari, Naseem Ahmad	Library of Progress-Library Science, Information Technology and Computer	2024-25		Scopus	
		Context-Aware Summarization of Social Media Chat: Techniques, Challenges, and Future Directions with Large Language Models	Dr. Manuj Darbari, Priyanshu Yadav, Shwetank Rai	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	DOI: 10.55041/IJSREM48302	UGC	
		Cyber Security strategy calculation through integrated machine learning and multi-criteria decision methods	Manuj Darbari, Naseem Ahmad	CAHIERS MAGELLANES-NS	2024-25		SCOPUS	
		Enhancing Organizational Infrastructure Using	Dr. Manuj Darbari, Satyam Singh, Khushboo Gupta, Qasim Ahmad	International Journal of Scientific Research in	2024-25	**DOI: 10.55041/IJSREM48763**		

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		Kubernetes		Engineering and Management (IJSREM)				
3	Prof. (Dr.) Diwakar Yagyasen	Methods of Implementation in an Electric Vehicle Conversion and Vehicle Controller: A Review	Chauhan S.S.,Lamba K.,Yagyasen D.	Evergreen, Volume 11, Year 2024, Pages 156-177	2024-25	https://doi.org/10.5109/7172252	Scopus	4
		The Impact of Social Media on Startup and Investor: Insights from a MERN Stack-Based Web application	Dr. Diwakar Yagysen, Maurya Nitish Ramesh, Harshit, Mohd Asghar, Kartikey Dwivedi	International journal of science research in engineering and management	2024-25	DOI: 10.55041/IJSREM47382		
		A exhaustive review on advancements and challenges in low power wireless sensor networks	Dr. Diwakar Yagyasen	Emerging Trends in computer Science and its Applications	2024-25	https://doi.org/10.1201/9781003606635	Scopus/CRC	
4	Mrs. Shubha Mishra	Credit Risk Model: Research on Credit Risk Categorization model using XGBOOST	Puneet Singh, Shubha Mishra, Gargi Porwal, Prakhar Saxena, Rishabh Tripathi	IJSREM	2024-25	10.55041/IJSREM43005	UGC	
		PneumoSense - A pneumonia detection model using cough sound analysis	Soham Mishra, Shubha Mishra, Riya Srivastava, Yarun Prakash Soni, Suchi Tripathi	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	10.55041/IJSREM47618	UGC	
5	Dr. Ram Bhushan	A comprehensive study on Smart Noise Alert And Detection System	Dr. Ram Bhushan Agnihotri, Aditya Kumar Tiwari, Aditya Kumar Singh, Ayush Bhatt, Abhishek Singh, Akshay Kumar	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	DOI: 10.55041/IJSREM47029	UGC	

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		Streetlight Controller and Management System	Dr. RB Agnihotri, Akshay Pratap Singh, Ayush Martand, Devansh Singh	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	DOI: 10.55041/IJSREM46959	UGC	
6	Mr. Shekhar Srivastava	Collaborative IDE	Himanshu Yadav, Shashank Bhatnagar, Shekhar Srivastava, Manyavar Pratap Singh, Hardik Singh, Om Pratap Singh	IRJMETS	2024-25	10.5672/IRJMETS75051	UGC	
		Virtual Health Integration	Shekhar Srivastava, Shashi Kant Chaurasiya, Vindhyanchal Mishra, Anurag Verma	IJSREM	2024-25		UGC	
		Street Animal Welfare System	Shekhar Srivastava, Utkarsh Asthana	IJSREM	2024-25	10.55041/IJSREM43005	UGC	
7	Kamlesh Kumar	Taste the Change	Kamlesh Kumar, Harshit Raj, Shivangi Paul	International Journal of Research Publication and Review	2024-25	ISSN 2582-7421	UGC	
		A Hybrid Approach for Text Audio And Video Summarization	Kamlesh Kumar, Aditi Tiwari, Ami Bajpai, Anshika Gupta	Technische Sicherheit	2024-25	ISSN NO: 1434-9728/2191-0073	UGC	
8	Mr. Vineet Agarwal	A comprehensive Study on Geo Fencing Based Task Management System Usability and Effectiveness	Adarsh Kr Srivastava, Abhishek Kr, Vineet Agarwal, Abhishek Pandey, Abhinav Singh	Accent Journal of Economics, Ecology and engineering	2024-25		UGC	

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		FEEDO (Spreading Smiles): Connecting consumers with Surplus Food	Raman Kr Singh, Vineet Agarwal, Ajay Singh, Priya Yadav, Ananya Gautam	Accent Journal of Economics, Ecology and engineering	2024-25		UGC	
		Deep Learning Based Image Captioning: I*ntegrating CNN-LSTM Architecture with Attention Mechanism*	Vineet Agarwal	IRJET	2024-25		UGC	
		Road Accident Analysis: A Model for Location based -Aware Accident analysis prediction using ML	Ayush Srivastava, Vineet Agarwal, Amarnath Gond	Accent Journal of Economics, Ecology and engineering	2024-25	https://www.ajeee.co.in/index.php/AJEEE	UGC	
9	Mr Anurag Shukla	Stock Market Prediction using Machine Learning Algorithms to Predict Stock Prices	Gaurav Yadav, Anurag Shukla, Karan Srivastava, Kalpana Dixit, Ishant Singh	International Research Journal of Modernization in Engineering Technology and Science	2024-25	10.56726/IRJMETS75058	UGC	
10	Mr. Rudrendra Bahadur Singh	Reconceptualizing Argument Mining as a Text to Text	Jatin Srivastava, Rudrendra Bahadur Singh, Anushka Singh, Gyanendra Kumar	METSZET JOURNAL	2024-25	10.27896 /METSZET10.5/23	SCOPUS	
		A Generative Approach to Argument Structure Extraction	Rudrendra Bahadur Singh	IJSREM	2024-25	10.55041/IJSREM47073	UGC	
11	Mr.	Mind Matters: Psychological Analysis using CBT Chatbot	Maurya P, Gyanendra Kumar, AS Yadav, KA Gupta.	Emerging Trends in computer Science and its Applications	2024-25	10.1201/9781003606635-77	CRC Press	
		Android App threat Analysis Techniques: A Review	U Shukla , G. Kumar , S.H Abbas,V. Paliwal	Emerging Trends in computer Science and its Applications	2024-25	10.1201/9781003606635-110	CRC Press	

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	Gyanendra Kumar	VigilantNet: Intelligent Network and App Security Manager	Gyanendra Kumar	METSZET JOURNAL	2024-25		SCOPUS	
12	Mr. Sandeep Kumar Mishra	A exhaustive review on advancements and challenges in low power wireless sensor networks	Sandeep Kumar Mishra	Emerging Trends in computer Science and its Applications	2024-25	https://doi.org/10.1201/9781003606635-39	Scopus/CRC	
		Potato leaf disease classification and prediction using CNN	Uday Pratap Singh, Sandeep Kumar Mishra, Shubham Vishwakarma, Suraj Kumar, Vinayak Pandey	Emerging Trends in computer Science and its Applications/CRC	2024-25	https://doi.org/10.1201/9781003606635-53	Book Chapter/Scopus	
		Skin Cancer Detection Using Artificial Intelligence	Priyanshu Chaurasiya, Sandeep Kumar Mishra , Janhvi Pandey, Hari Om Chaurasia, Faraz Ahmad Siddiqui, Pratyush Sonwani	Metszet Journal	2024-25	10.27896/METSZET10.4/12	Scopus	
		A comprehensive review on tomato plant disease detection using convolutional neural network	Rudra Pratap Singh, Sandeep Kumar Mishra, Samriddhi Chaurasia, Sameer Thakur, Sachin Yadav	Emerging Trends in computer Science and its Applications/CRC	2024-25	https://doi.org/10.1201/9781003606635-66	Book Chapter/Scopus	
		Data Leakage Detection	Neha Singh, Sandeep Kumar Mishra, Rahul Kumar, and Sandeep Vishwakarma	Emerging Trends in computer Science and its Applications/CRC	2024-25	https://doi.org/10.1201/9781003606635-79	Book Chapter/Scopus	

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		Pediatric brain tumor detection in MRI: A machine learning perspective	Sandeep Kumar Mishra, Sheeba Praveen	Emerging Trends in computer Science and its Applications/CRC	2024-25	https://doi.org/10.1201/9781003606635-104	Book Chapter/Scopus	
13	Mr. Vinayak	A Comprehensive Review of Innovations in Stray Cattle Detection	Vinayak	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	ISSN: 2582-3930	Scopus	
		Sensei: Assistive AI Agent with Multimodal Capabilities and Custom Tools Integration	Anshul Yadav, Amritanshu Chauhan, Arniket Rai, Anurag Singh, Vinayak Shukla	IJRETS	2024-25		UGC	
		Emerging Trends in Store Management System Software: A Comprehensive Review	Vinayak	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	ISSN: 2582-3930	Scopus	
		Pulmonary Disease Prediction by Using Machine Learning Technique	Sakshi Dubey, Vinayak, Rudrendra Bahadur Singh, Vineet Sadanand, Rajeev Kushwaha, Kumari Anukriti Singh	IJSREM	2024-25	10.55041/IJSREM46795	UGC	
		MobileNet-v3: A Comprehensive Survey of Object Detection Algorithms Using CNN	Vinayak	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	ISSN: 2582-3930	Scopus	

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		Early-Stage Lung Cancer Detection Using RESNET	Vinayak	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	ISSN: 2582-3930	Scopus	
14	Mr. Ankit Khare	Forensic Face Sketch Construction and Recognition : RECON	Neelabh Tripathi, Prafull Verma, Devansh Srivastava, Arpit Sharma, Dibbyansh Pandey, Prof. Ankit Khare	Metszet Journal	2024-25	10.27896/METSZET10.5/12	SCOPUS	
		Farm Pro: Advanced crop trading and Disease detection	Aditya Yadav, Ankit Khare, Tushar Srivastava, Vanshika Srivastava, Nupur trivedi	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	DOI: 10.55041/IJSREM46901	UGC	
15	Ms. Neha Chauhan	Revolutionizing Digital content Authentication: The Power of Synthetic Media creation	Neha Chauhan, Vaibhav Pal, Shivam Singh, Shruti Srivastava, Sushant Kumar Singh	IJSREM	2024-25	10.55041/IJSREM46858	UGC	
		A comprehensive crop prediction model leveraging optimizations algorithms and machine learning classifiers.	Neha Chauhan	Emerging Trends in Computer Science and its Applications	2024-25	10.1201/9781003606635-23	Scopus	
		A Comprehensive Study on Enhancing disaster management with RescueNet: A usability and effectiveness analysis	Suyash Pal, Ashutosh Kr Singh, Neha Chauhan, Spriha Srivastava, Amaan Ahmad, Sunny Singh	IJSREM	2024-25	10.55041/IJSREM47846	UGC	

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		Crop Prediction System using Machine Learning	Neha Chauhan	Emerging Trends in Computer Science and its Applications	2024-25	10.1201/9781003606635-96	Scopus	
16	Mr. Amit Kumar Sachan	Advancing Public Information Processing: A Research of Summarization and Retrieval Techniques for Pib Releases	Amit Kumar Sachan, Arooj Pandey, Abhilasha Srivastava, Alisha Kumari, Aayush Sharma	IRMETS	2024-25	10.56726/IRJMETS75758	UGC	
		A machine learning based Deanonymization tool for analyzing anonymized network traffic	Amit Kumar Sachan, Shikhar Kanaujia, Yashwant Kumar Sharma, Khushi Srivastava, Shivaditya Singh	IJSREM	2024-25	10.55041/IJSREM47864	UGC	
		Stock Price Prediction Model	Amit Kumar Sachan, Abhishek Kr Tiwari, Ayush Verma, Brijesh Kumar, Piyush Pandey	IJSREM	2024-25	10.55041/IJSREM48032	UGC	
17	Mr. Saurabh Kumar Jain	Deep Fake Detection: Using a web based convolutional Neural Network System	Saurabh Kumar Jain, Praveen Kr Tiwari, Kalash Sharma, Kolla Charvi, Lalit Kr Yadav, Praddyumn Raj Singh	IJSREM	2024-25	10.55041IJSREM47219	UGC	
18	Ms. Padmini Mishra	Revoltionizing Education with AI and ML	Padmini Mishra	IGI GLOBAL	2024-25	10.4018/979-8-3693-8151-9.CH003	UGC	
		INSTASCAN	Shivam sharma, Tushar Kannojiya, Padmini Mishra, Yash Singh, Rohit Sharma	IJRMETS	2024-25		UGC	
		TedXStudy a Smart Classroom Management System	Padmini Mishra	International Journal of Creative Research Thoughts, Volume 13 Issue 5 May 2025	2024-25		UGC	

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19	Ms. Preeti Mishra	Medcord: A Blockchain-Based Secure Medical Record Management System	Abdul Ahad, Preeti Mishra, Yash Vishwakarma, Akshat Kumar Srivastava, Vijay Kumar	Metszet Journal	2024-25	10.27896 /METSZET10.5/ 10	SCOPUS	
20	Mr. Rajeev Srivastava	BioStamp :-An IoT-Enabled Automated Physical Stamping System	Rajeev Srivastava, Aniruddh Mishra, Ayush Kumar Tripathi	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	10.55041IJSR EM47107/ISS N: 2582-3930	Scopus	
21	Mr. Deepak Pant	EduDevOps : The Ultimate CI/CD Corporate Devops Pipeline Project	Deepak Pant, Nishchay Tiwari, Aviral Sharma, Sneha Verma	International Journal of Scientific Research in Engineering and Management (IJSREM)	2024-25	10.55041IJSR EM47302/ISS N: 2582-3930	Scopus	
22	Ms. Jyoti Gaur	AI POWERED CITY SAFETY	Saksham Gupta, Shiv Prakash Singh, Jyoti Gaur, Shobhit Singh, Ravi Yadav	IRJMETS	2024-25	10.56726/IRJ METS76798	UGC	
		Driver Vigilance Monitoring System	Jyoti Gaur, Arpita Pandey, Mohd. Asad Khan, Mayank Patel, Aditya Singh	METSZET Journal	2024-25	10.27896 /METSZET10.5/1 7	SCOPUS	
23	Mr. Ajay Kumar	Tech Trajectory: AI-Enhanced Career Guidance System	Ajay Kumar, Sneha Singh, Vartika Raj, Gunjan Nigam	IJRESM	2024-25		UGC	
		VedaRoot-Medicinal Plant Detection Web Application	Ambuj Srivastava, Ashutosh Kumar Mall, Ajay Kr	IJSRED	2024-25		UGC	
24	Mr. Praveen Kr. Pandey	Cloud Native Evaluator Application: Based on Devops pipeline	Praveen Kr. Pandey, Rishabh Pratap Singh, Raja Harsh Vardhan Singh, Ritik Kr Shah	IJSREM	2024-25	10.55041/IJS REM43470	UGC	

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25	Ms. Richa Verma	Evaluating the effectiveness of deep learning models in network intrusion detection	Gaurav Kr, Pankaj Gupta, Ganesh Kr Yadav, Richa Verma, Jay Prakash Bhati, Vihan Singh Bhakuni	IEEE CONFRENCE	2024-25	10.1109/CYBERCOM63683.2024.1030	IEEE XPLORE	
		CAD - Prediction Model Using Artificial Intelligence	Shamsur Rahman Khan, Richa Verma, Sahil Ahsaan, Zohaib Ahmad, Deva Singh	IJSREM	2024-25	10.55041/IJSREM47696	UGC	
		Sign Language Recognition System Sign Wave	Abhishek singh, Karki, Anuj Patel, Richa Verma	IJSREM	2024-25	10.55041/IJSREM47343	UGC	
26	Ms. Neha Kulshrestha	Cloud Native Evaluator Application: Based on Devops pipeline	Neha Kulshrestha, Ritesh Kumar Kushwaha, Raj Singh, Satyam Pal, Shubham Mishra, Utkarsh Asthana	IJSREM	2024-25	10.55041/IJSREM43470	UGC	
		Castella: Voice-Enabled Podcast Services	Ashutosh Maurya, Chandan Kanaujiya, Nikhil Kanaujia ,Amodh Mishra, Neha Kulshrestha	IJSREM	2024-25	10.55041IJSREM47726	UGC	
		Revolutionizng decentralized Transactions: the Power of Layer 2 Blockchain solutions	Neha Kulshrestha, Ritesh Kr Kushwaha, Raj Singh, Satyam Pal, Shubham Mishra	IJSREM	2024-25	10.55041IJSREM47031	UGC	
		Real-Time Expense Tracking and Finnancial Forecasting Through AI and Machine Learning	Neha Kulshrestha, Deepanshu Shukla, Abhinav Pandey, Vikas Mishra, Vaibhav Shukla	IJSREM	2024-25	10.55041IJSREM48759	UGC	

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		Sustain track-Interactive and Accessible Carbon Footprinter Analyzer	Monika Yadav, Dolly Maurya, Risha Ritika, Deepanshi Nigam, Neha Kulshrestha	IJSRED	2024-25		UGC	
27	Ms. Dipti Ranjan	AgriSage: A Machine Learning and Deep Learning Based Unified Platform for crop recommendation Fertilizer Suggestion and Disease Detection	Dipti Ranjan, Akshat Srivastava, Aastha Shukla , Charvi Singh	IRJMETS	2024-25	10.56726/IRJMETS77142	UGC	
		Data Security Application: Secure-Z (Safe Guarding Data with Precision)	Deepti Ranjan, Abhay Gupta , Ankit	METSZET	2024-25	10.27896 /METSZET10. 5/13	Scopus	
28	Ms. Archana Dwivedi	AGRONEXUS Real Time Soil and Crop Monitoring	Archana Dwivedi, Prajjwal Verma, Priyanshu Kumar, Nishkarsh Singh, Nitish Rai	METSZET Journal	2024-25	10.27896/METSZET10.5/16	Scopus	
		EduTest Portal Using Java with Spring Boot	Arun Sahani, Saumya Srivastava, Archana Dwivedi	Recent Trends in Programming languages, STM Journals/ conference	2024-25	ISSN No. - 2455-1821	UGC	
		Precision Farming via Machine Learning and MERN	Ms. Archana Dwivedi, Priya Kumari, Priya Gupta, Sapna Kumari, Komal Singh	METSZET Journal	2024-25	10.27896/METSZET10.5/21	Scopus	
29	Ms. Saroj Singh	AI Ethics: Bridging Innovation with morality	Saroj Singh, Priyanka Gupta, Amit Kr Sachan, Sonam Singh	CUESTIONES DE FISIOTERAPIA	2024-25		UGC	

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List of Publications by Faculties in CAY (2023-24)

S. No	Faculty Name	Paper Title	Authors	Name of Journal/Conference/ Book /Book Chapter/Magazine/ Article	Year of publication	DOI/Link	UGC Approved/ Scopus /SCI	Citations
1	Dr. Anurag Tiwari	Mandating COVID-19 Vaccination at IITT Solutions Teaching Notes	Sanket S Dash, Rama S Yadav, Ashwani Kumar, Anurag Tiwari.	Sage Publications	2023-24	https://doi.org/10.4135/9781071915158	Sage Publications	
		Using Theory of mind to understand the impact of Covid-19 fear on health care workers withdrawal intentions	Garima Saini, Sanket Sunand Dash, Anurag Tiwari.	International Journal of Manpower.	2023-24		Scopus	3
2	Prof. (Dr.) Manuj Darbari	Measuring the effects of TQM and TPM implementation on the performance of the Construction Industry.	Shailendra Singh Chauhan, Shivangee Tiwari, Manuj Darbari, Neha Gupta	International Journal of Quality Engineering and Technology.	2023-24	https://doi.org/10.1504/IJQET.2023.134884	Scopus	3
3	Ms. Neha Chauhan	Crop Growth Analysis Across Indian States: The Role of Temperature, Humidity, Soil ph, and Rainfall	Neha Chauhan	CICN	2023-24	10.1109/CICN63059.2024.10847518	Scopus	
		Super Image Resolution	Riuraj Mishra, Neha Chauhan, Preeti Dwivedi	IJNRD	2023-24			

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1	Dr. Anurag Tiwari	Assessment of erectile dysfunction and other sexual dysfunction in men with type 2 diabetes mellitus: A multicenter observational study in North India	M Gupta, A Tiwari, KP Chandra, R Awasthi, S Chaudhary, N Gupta, V Agarwal, SK Chaubey, S Ansari, AK Pandey, D Kumar, A Awasthi	Clinical Epidemiology and Global Health, Elsevier Publications	2022-23	https://doi.org/10.1016/j.cegh.2022.101136	Scopus	12
		A review study on COVID-19 disease detection from X-ray image classification using CNN	Ankit Kumar, Anurag Tiwari, Aadya Shukla, Sakshi Singh, Sujit Kumar	Emerging Trends in IoT and Computing Technologies, Routledge	2022-23	Book	Scopus	2
		Recognition of child's psychological activities influenced with domestic and societal factors using machine learning techniques	Shraddha Mishra, Preeti Sharma, Anurag Tiwari	Emerging Trends in IoT and Computing Technologies	2022-23	Book	Scopus	
		A review on the domestic factors affecting on child's development	Shraddha Mishra, Preeti Sharma, Anurag Tiwari	Emerging Trends in IoT and Computing Technologies, Routledge	2022-23	Book	Scopus	

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2	Prof. (Dr.) Manuj Darbari	A contemporary study on MAC protocols for wireless mesh network	Eram Fatima, Ankit Kumar, Manuj Darbari	Emerging Trends in IoT and Computing Technologies	2022-23	book	Scopus	1
		Byte Academy-Coder Hub	Aditya Pandey, Prof. (Dr.) Manuj Darbari, Rudra Pratap Singh, Rahul kr. Gupta	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-23	https://doi.org/10.22214/ijraset.2023.52221	UGC	
		A literature review on stocks price prediction using DASH and machine learning model	Manuj Darbari, Gargi Shukla, Chitranshi Gaur, Dharana Mishra, Riya Gupta	Emerging Trends in IoT and Computing Technologies	2022-23	book	Scopus	
3	Ms Padmini Mishra	Helmet and License Plate Detection	Siddharth Singh, Padmini Mishra, Siddhartha ojha, Mohd Shoaib, Shivendra Kumar , Vivek Kumar Yadav	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-23	https://doi.org/10.22214/ijraset.2023.52320	UGC	
		Content Generation using AI	Shyamji Dwivedi, Vaidehi Chauhan, Padmini Mishra, Ritesh Yadav	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS40811	UGC	
4	Ms. Anjali Awasthi	Facial Emotional Recognition	Vikas Maurya, Ms. Anjali Awasthi, Rajat Singh, Deepak Maurya, Manorma Dwivedi	IJRASET	2022-23	https://doi.org/10.22214/ijraset.2023.51265	UGC	

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5	Ms. Vandana Tripathi	Sentiment Analysis of Movie Review using Ensemble Model	Mayuri Saxena, Vandana Tripathi, Khushi Singh	IRJMETS	2022-23	https://doi.org/10.56726/IRJMETS39752	UGC	
		Fraud Detection using Isolation Forest Algorithm in Credit Card	Divyanshu Mishra, Prakhar Tiwari, Dhruv Gupta, Vandana Tripathi	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
6	Ms. Anika Bisht	A WEB BASED SYSTEM FOR MOOD DETECTION AND PERSONALIZED RECOMMENDATION SUPPORT FOR STUDENTS	Ishita Daksh, Anika Bisht, Muskan Giri, Nidhi Singh, Kavya Agrawal	IRJMETS	2022-23	**ISSN (e-ISSN):** 2582-5208	UGC	
		ELECTRONIC PROCUREMENT PLATFORM	Rohit Maury, Anika Bisht, Anuj Dwivedi, Vijendra Tripathi, Utkarsh Singh	IRJMETS	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS40218	UGC	
		Analysis on Intrusion Detection Systems to Secure IoT Networks	Pranjali Shah, Anika Bisht, Rudrendra Bahadur Singh, Ravikant Tiwari, Ram Ishwa	IJSREM	2022-23	DOI: 10.55041/IJSREM17280	UGC	
7	Mr. Rudrendra Bahadur Singh	Serverless and IaC	Divya Srivastava, Rudrendra Bahadur Singh, Jayant Pratap Singh, Harsh Pratap Singh, Prateek Saxena	IJRASET	2022-23	https://doi.org/10.22214/ijraset.2023.51356	UGC	

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		Diabetes Mellitus Prediction using Machine Learning	Mangalam Chaubey, Rudrendra Bahadur Singh , Mohammad Suhaib, Pranjali Pal , KM Sejal Yadav	IRJASET	2022-23	**https://doi.org/10.22214/ijraset.2023.52755**	UGC	
		Blockchain Enabled KYC Solutions	Manisha Dwivedi, Rudrendra Bahadur Singh, Prashant Kumar, Maurya Vinayak	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
8	Mr. Sandeep Kumar Mishra	Chili Leaf Disease Prediction Using CNN	Faisal Mubeen Siddiqui, Sandeep Kumar Mishra, Kushagra Vats, Mihir Harshe, Prakhya Choudhary	IJRASET	2022-23	https://doi.org/10.22214/ijraset.2023.52757	UGC	
		RESEARCH PAPER ON DETECTION OF FAKE NEWS USING NAIVE BAYES AND PASSIVE AGRESSIVE CLASSIFIER	Rifshah Khan, Sandeep Kr. Mishra, Ritu Kumari, Sanjana Sinha, Shiwangi, Wamika Gossain	International Research Journal of Modernization in Engineering Technology and Science	2022-23	e-ISSN: 2582-5208	UGC	
9	Dr. Anil Kumar Pandey	Augmented Reality Quiz using OpenCV and Gesture Recognition	Shayesta Sana, Dr. Anil Kumar Pandey, Sakshi Yadav, Saurabh Singh	IJNRD	2022-23	ISSN: 2456-4184	UGC	
		GESTURE RECOGNITION (Sign Language Detection)	Aditya Singh, Aman Kohli, Abhijeet Verma, Anurag Dubey, Dr. Anil Kumar Pandey	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS39350	UGC	

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10	Mr.Amit Kumar Sachan	Stock Prediction Using Financial News and Natural Language Understanding	Kaustubh Singh, Amit Kumar Sachan, Hamza Mahfooz, Mohammad Aman	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
		Skin Disease Detection Using Image Processing	Anurag Singh, Amit Kumar Sachan, Kavya Singh, Singh Visha Sunil, Subigya Mishra	Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS39556	UGC	
11.	Ms. Smiley Gandhi	Multiple disease detection using machine learning	Mrs. Smiley Gandhi, Prakhar Bhatt, Harsh Srivastava, Ayush Pandey, Divyansh Barar	IJSREM	2022-23	DOI: 10.55041/IJSREM22460	UGC	
		Visual Discovery Engine	Divyansh Srivastava, Prof. Smiley Gandhi, Janhavi Narayan, Ishika Jaiswal	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022-23	https://doi.org/10.22214/ijraset.2023.52958	UGC	
12.	Mr. Anurag Shukla	TOUCHLESS SECURITY USING COMPUTER-VISION-SECURITY-SYSTEM	Ms. Atefa Rizvi, Mr. Anurag Shukla, Ms. Simoni Verma	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI: https://www.doi.org/10.56726/IRJMETS40362	UGC	

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		Speech Recognition Security System	Deepshikha Tiwari Anurag Shukla Swarnakala Singh Prabhat Verma Anshika Verma	IJNRD	2022-23	ISSN: 2456-4184	UGC	
13.	Mr.Ankur Srivastava	Flight Fare Prediction Using Random Forest Regression	Prerna Jhingran, Jaspreet Singh, Rajni Danu, Harshita Singh, Ankur Srivastava	International Journal of Scientific Research in Engineering and Management (IJSREM)	2022-23	SJIF 2023: 8.176 ISSN: 2582-3930	UGC	
		ZK OAUTH	Rishabh Shukla, Vaibhav Singh, Shubhi Srivastava, Ankur Srivastava, Shubhi Srivastava	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138)	UGC	
14.	Mr. Shivam Dixit	Management of Teaching and Learning Resources Application	Shivam Dixit, Jamsher Shekh, Piyush Chandra Rastogi, Kumari Jyoti, Divya Gupta	IJRASET	2022-23	https://doi.org/10.22214/ijraset.2023.52804	UGC	
		CliniNet: An Online Platform for all Healthcare Services	Shafaq Fatima, Wajeeha Husain, Tuba Rizvi, Syed Mohd. Abbas Rizvi, Shivam Dixit	IJRASET	2022-23	https://doi.org/10.22214/ijraset.2023.53143	UGC	
15	Mr. Vinayak	WEB TRAFFIC ANALYTICAL APPLICATION	Aparna Sharma, Vinayak, Rudrendra Singh Rathore, Anushka Saxena, Asmita Maurya	International Research Journal of Modernization in Engineering Technology and Science	2022-23	https://www.doi.org/10.56726/IRJMETS33224	UGC	

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		Predicting Real Estate Price Using Linear Regression	Avinash Singh, Vinayak, Rudrendra Bahadur Singh, Anshuman Yadav	International Journal of Innovative Research in Engineering	2022-23	ISSN No: 2582-8746	UGC	
		Prediction of Malignancy in lung nodule at early stage	Kaushiki Tripathi, Mr. Vinayak, Mr. Rudra Singh Rathore, Janhvi Gupta, Khushi Soni	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
16	Mr. Saurabh Kumar Jain	VEHICLE OWNER INFORMATION USING NUMBER PLATE DETECTION	Prabhu Narayan Patel, Saurabh Kumar Jain, Faraz Ahmad	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
		METHODOLOGY ANALYSIS FOR WEB APPLICATION DEVELOPMENT USING MERN	Ishu Srivastava Pratibha Pandey Saurabh Kumar Jain	IJRAR	2022-23	E-ISSN 2348-1269, P- ISSN 2349-5138	UGC	
17	Ms. Shubha Mishra	Diabetes Prediction by Classification Using Machine Learning and Deep Learning Techniques	Siya Srivastava, Shubha Mishra, Shruti Srivastava	IJNRD	2022-23	ISSN: 2456-4184	UGC	
18	Ms. Madhulika Sharma	AUDIO AND IMAGE CAPTION GENERATOR FROM IMAGE USING VGG-16	Simran Sharma, Madhulika Sharma, Arpit Yadav, Rajkumar Balmeeki	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI: https://www.doi.org/10.56726/IRJMETS40425	UGC	

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19	Ms. Neha Chauhan	Adaption of Best Methodology by Comparing Different Algorithm to Detect Parkinson Disease	Vaibhav Kesarwani, Neha Chauhan, Rishabh Kumar Chauhan, Sanjeev Ranjan, Saurabh Kumar Singh	IJNRD	2022-23	ISSN: 2456-4184	UGC	
		Super Image Resolution	Rituraj Mishra, Neha Chauhan, Preeti Dwivedi	IJNRD	2022-23	ISSN: 2456-4184	UGC	
		DIGITALIZATION OF HOSPITALS	Anurag Anand, Akash Kannoujia, Ms. Neha Chauhan	International Research Journal of Modernization in Engineering Technology and Science	2022-23	e-ISSN: 2582-5208	UGC	
20	Dr. Diwakar Yagyasen	DROWSINESS DETECTION SYSTEM USING MACHINE LEARNING	Prakhar Pratap, Diwakar Yagyasen, Nitin Tiwari, Adarsh Vipul, Pratik Kanojia	International Journal of Scientific Development and Research	2022-23	ISSN: 2455-2631	UGC	
21	Mr. Kamlesh Kumar	AUTO-BLOGGER	Ayushi Chandra, Kamlesh Kumar, Aryan Sonker, Anuj Gautam	International Journal of Scientific Research in Engineering and Management (IJSREM)	2022-23	DOI: 10.55041/IJSREM22047	UGC	
		Analysis on HealthyMe Fitness Tracking Application	Priyanka Maurya, Tannu Sharma, Rahul Srivastava, Ravindra Kumar Verma, Kamlesh Kumar (Assistant	IJNRD	2022-23	ISSN: 2456-4184	UGC	

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			Rudrendra Bahadur Singh (Assistant Professor)					
22.	Mr. Ankit Khare	Student Live Behaviour Monitoring During Online Classes Using AI	Shivani Verma, Ankit Khare, Shalini Gupta, Priya Raj, Shikha Kumari, Vaishali Gupta	International Journal of Humanities Social Science and Management (IJHSSM)	2022-23	Volume 3, Issue 1, Jan.-Feb. 2023, pp: 338-340	UGC	
		ABHIDAN	Arpit Tiwari, Ankit Khare, Ayush Dubey, Ashish Soni, Aman Gupta, Anurag Yadav	International Research Journal of Modernization in Engineering Technology and Science	2022-23	e-ISSN: 2582-5208	UGC	
23.	Mr. Shashank Singh	Segmentation of Microscopy images using Multi-Scale Retinex with Chromacity Preservation and Otsu Thresholding	Ajay Yadav, Abhijeet Singh, Adarsh Singh, Anupam Yadav, Mr. Sashank Singh	Journal of Artificial Intelligence and Capsule Networks	2022-23	**DOI:** 10.36548/jaicn.2023.1.002	UGC	
		MEDSHOP: AN ONLINE PHARMACY APPLICATION USING SALESFORCE	Varsha Yadav, Neeshu, Agrah Gupta, Mr. Shashank Singh	IJNRD	2022-23	ISSN: 2456-4184	UGC	
24.	Mr. Vineet Agarwal	An Approach to Predict House Price Using Machine Learning	Ankit Mani Tripathi, Ankit Rai, Vineet Agrawal	International Journal of Research Publication and Reviews	2022-23	DOI: 10.55248/gengpi.234.5.39837	UGC	

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		FRUIT QUALITY INSPECTION AND SELLING SYSTEM USING ARTIFICIAL NEURAL NETWORK ALGORITHM	Mr. Vineet Agarwal, Shivansh Gupta, Priya Bijay, Shiva Singh	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS40440	UGC	
25.	Mr Shekhar Srivastava	Specialized Telemedicine (STEM)	Shekhar Srivastava, Anugrah Chaturvedi, Jyoti Singh, Aditya Prakash, Ajitesh Srivastava, Abhinn Krishna	International Research Journal of Modernization in Engineering Technology and Science	2022-23	e-ISSN: 2582-5208	UGC	
26	Ms Sakshi Singh	RESEARCH ARTICLE DESCRIBING THE MODEL FOR PREDICTING BREAST CANCER	Alifa Zaidi, Sakshi Singh, Bhumi Verma, Anant veer Yadav, Abhishek Kesharwani	International Research Journal of Modernization in Engineering Technology and Science	2022-23	**DOI:** 10.56726/IRJMETS40571	UGC	
27	Mr Satish Singh Verma	Twitter Data Radicalization Using Sentiment Analysis Techniques	Vivek Kumar, Mr. Satish Singh Verma, Rohit Yadav, Chandan singh, Karamveer kumar	International Journal of Research Publication and Reviews	2022-23	, Vol 4, no 5, pp 5247-5251	UGC	
28	Mr. Gyanendra Kumar	MUSIC GENRE CLASSIFICATION AND RECOMMENDATION SYSTEM	Alok, Ankit Gupta, Gyanendra Kumar	International Research Journal of Modernization in Engineering Technology and Science	2022-23	DOI : https://www.doi.org/10.56726/IRJMETS40242	UGC	

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29.	Mr. Ramesh Vaish	AI Based Music Tunesmith	Amritenra Pratap Singh, Shobhit Sharma, Amn Singh, Ramesh Vaish, Anamika Yadav	International Journal of Innovative Research in Engineering	2022-23	ISSN No: 2582-8746	UGC	
		Fake Review Detection System	Ashish Kumar Singh, Ramesh Vaish, Abhishek Jaiswal, Aman Khajuria, Happy Singh	International Journal of Innovative Research in Engineering	2022-23	ISSN No: 2582-8746	UGC	

Table No. 6.2.1.1: Faculty publication details.

S.N.	Item	CAY	CAYm1	CAYm2	CAYm3
1	No. of peer reviewed journal papers published	90	49	3	52
2	No. of peer reviewed conference papers published	20	2	1	-
3	No. of books/book chapters published	6	20	1	5

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