Dr. Akhilesh Das Gupta Institute of Technology & Management
Department of Information Technology
Research Publication Details in the year 2022-2023

S No.	Faculty Name	Publications and FDPs	National / International Conference/ SCI/ Scopus/ UGC approved
1	**Ujjval Jain**	5 Days FDP on "Artificial Intelligence"	By Microsoft India & SAP India
2	**Prof Anil Kumar**	5 Days FDP on "Development of Responsive Website"	**NITTR, Chandigarh**
		7 Days FDP on "First Experience on SPSS - Introductory Module"	**Rama University, Kanpur**
		3 Days Workshop "Academic writing Ethical Skill"	**GISS**
		5 Days FDP on " AI"	**TechSaksham**
		CERTIFICATE OF APPRECIATION	**ICMEET 2022,**
		Design an Architecture to Measure Effect of Climate Variability on Output and Yields of Selected Crop	*Hindawi Research Foundation of India*
		10 Days Workshop, Capacity Building program in cyber security & its investigation	SOFT COMPUTING *RESEARCH SOCIETY,*
		2 days, Internationa Conference PCCDA - 2023	
3	**Vedprakash Sharma**	5 Days FDP on "Designing and Modelling of IoT, AI & ML Systems"	SWAYAM(NPTEL)
		8 week, " ML" Certificatefication	
		8 week, " ML"	NPTEL, SWAYAM
		Patent	Govt of India
4	**Ms Ashu**	5 days FDP on "Industry Trends and Technology in Cloud Computing"	Manipel University, Jaipur
		5 Days FDP on " AI"	TechSaksham
5	**Ms. Anshika Negi**	10 days FDP on Sustainable Logistics, Connectivity and Digital Supply Chain Management Strategy using 5G Technology	AICTE Training And Learning (ATAL) Academy & NIT Jaipur
6	**Dr. Pinki Nayak**	4 week Women Entrpreneurship Development Programme (WEDP) sponsored by DST at Jamia Hamdard	Jamia HAmdard, Delhi
		1 day webinar on "SAP-ABAP(Basics & Practical Concepts)"	BPIT, Delhi
		12 Week FDP on "Applied Accelerated Artificial Intelligence"	SWAYAM, NPTEL
		Microsoft India & SAP India led Faculty Development Program on "Artificial Intelligence" under TechSaksham Program	Techsaksham
		5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)	AICTE
		13 FDP cum author talk on "Research and Publication ethics"	Amity University, Noida

		NPTEL certification, "Applied Accelerated Artificial Intelligence"	SWAYAM, NPTEL
		IBM Skill Academy certification: Getting Started with Enterprise Data Science, Sep 2022.	IBM Skill Academy
		IBM developer Skill Network certification: Python 101 for Data Science, Sep 2022	IBM Skill Academy
		SYSTEM AND APPROACH BASED ON IOT, ML, AND AI TO MANAGEHEALTHCARE DATA EFFECTIVELY	2.02211E+11
		Design Patent on Touch-Free Sensor Device For Automatic WaterDispense	378682-001
		5th International Conference on Communication and Computational Technologies	Jan 28-29, 2023
		International Conference on Communication and Intelligent Systems	Dec 19-20, 2022
		Congress on Control, Robotics and Mechatronics (CRM 2023)	March 25,26 2023
		World Conference on AI: Advances and Applications	March 18-19, 2023
7	Ms. Megha Sultania	5 Days FDP on " AI"	TechSaksham
8	Ms.Sadaf Fatima	5 Days FDP on " AI"	TechSaksham
9	Ms. Iram Fatima	AICTE Approved International Conference, Future Trends in Business: Knowledge, Skills, Sustainability, Innovation and Technology (FTB-KSSIT).	IILM University
		10th International Conference on Interdisciplinary Research for Sustainable Development 2023 (IRSD 2023) Organized by I2OR India & Green Thinkerz; INTERDISCIPLINARY RESEARCH FOR SUSTAINABLE DEVELOPMENT: ECONOMIC GROWTH	Jamia HAmdard, Delhi
		International conference on SUSTAINIBILITY & DIGITALIZATION (A Business, Economic &Societal Perspective) AI FOR SUSTAINABLE SMART CITIES	Jamia HAmdard, Delhi
		Microsoft India & SAP India led Faculty Development Program on "Artificial Intelligence" under TechSaksham Program	TechSaksham Program
		"Recent Trends and Technology in Cloud Computing" Organised by Manipal University	Manipal University
		3-day hybrid FDP on AI and machine learning for healthcare engineering, in association with VTU, CSI, QASDC, and IIC, New Horizon College of Engineering.	New Horizon College of Engineering.

S No.	Faculty Name		
10	Ms. Charul Dewan	International Conference on Computing and Communication Networks	Manchester Metropolitan
		International Conference on Artificial Intelligence, Blockchain, Computing and Security	Galgotias University, Greater Noida
		One -week FDP on Fast Emerging Research Domain for Future Trends of Advanced Computation	Dr. B. C Roy Engineering College.
		One -week FDP on Development of Responsive Website	Nitttr, Chandigarh
		5 Days FDP on " AI"	TechSaksham
		5 Days FDP on Artificial Intelligence, Machine Learning, and Network Security	Teenia Institute of Advanced Studies,
		Third International Conference on Computing Communication and Cyber Security	K E C Ghaziabad
		4th International Conference on Computing Informatics and Network	B P I T
		Certificate of Book Publishing	International published platform
		2nd International Conference on Advance in Computing & Communication Online Mode	A D G I T M New Delhi
11	Ms. Sanjana	5 Days FDP on Recent Industry Trends and Technology in Cloud Computing	Manipal University Jaipur in association with MUJ-TEC
		Qualified UGC NET and Got JRF certificate	
12	MS.Shalini Bhadola	3 days InternationalOnline workshop on "MATLAB Modelling of Physical Systems"	Inspire Softtech Solutions, Chennai
		5 Days FDP on Energy Efficient and Innovative Building Construction practices	National Institute of Technical Teachers Training and Research(NITTR),Chandigarh at DCRUST
		14 Days FDP on Advances in Smart Cities and IOT	Atal Academy at DCRUST Murthal
		5 days Basic FDP on IDEA ATAL LAB	Atal Academy at DCRUST Murthal

Department of Information Technology
Research Publication Details in the year 2021-2022

S No.	Faculty Name	Publications and FDPs	National /International Conference/ SCI/ Scopus/ UGC approved
		Post-Covid Impact on child behavioral using Data Science and Machine Learning: A Review	SCI
		IoT Based Wearable health-monitoring through Wireless Body Area Network	CRC Press

1	Dr. Meenakshi Yadav	Smart Agriculture System using Artificial Intelligence and Internet of Things	Wiley- Scrivener
		Introduction to Internet of Things	IET
		AI based Diagnostic Analysis for Wireless Capsule Endoscopy in Obscure Bowel Disease Detection: Present and Future	Scopus
2	Dr. Preety	AI based Diagnostic Analysis for Wireless Capsule Endoscopy in Obscure Bowel Disease Detection: Present and Future	Scopus
		IoT Based Wearable health-monitoring through Wireless Body Area Network	CRC Press
		Smart Agriculture System using Artificial Intelligence and Internet of Things	Wiley-Scrivener
		Introduction to Internet of Things	IET
		Post-Covid Impact on child behavioral using Data Science and Machine Learning: A Review	SCI
		Internet of Things and Web Services for Current Pandemic Challenges: An Exploratory Study	Elsevier
3	Mr Dhyanendra Jain	A Metric to Determine the Change Proneness of Software	CRC Press
		Emotion aware recommendation engine using ECG signal analysis,"	SCOPUS
		Deep Learning and Machine Intelligence for Operational Management of Strategic Planning	SCOPUS
		Monitoring and controlling of Energy Consumption using IOT-based predictive maintenance	SCOPUS
		Real Time Exhaustion Detection by Image Classification Using Deep Convolution Neural Network	SCOPUS
		Emerging Blockchain technology in commercial enterprise to ensure electronic revaluation : challenges & improvement	Elsevier(SSRN)
		A Data Entry Optical Character Recognition Tool using Convolutional Neural Networks	SCOPUS(Q3)
		VISION BASED CURSOR CONTROL VIRTUAL MOUSE SYSTEM	
4	Ms Charul	Comparative Study of various Authentication Schemes in Tele Medical Information System	SCOPUS
5	Mr Joginder Kaushik	VISION BASED CURSOR CONTROL VIRTUAL MOUSE SYSTEM	SCOPUS(Q3)
		A Data Entry Optical Character Recognition Tool using Convolutional Neural Networks	

6	**Ms Gunjan**	Real Time Sign Language Detection	UGC Approved
		Virtual Control Using Hand – Tracking	UGC Approved
7	**Mr Amit Pandey**	Monitoring and controlling of Energy Consumption using IOT-based predictive maintenance	SCOPUS
		Intelligent Agriculture Controlling and Monitoring Using IoT- Based Technology.	
		IoT based real Time Exhaustion Detection by Image Classification Using Deep Convolution Neural Network	
8	**Ms Anjani**	1. A Dynamic Artificial Neural Network Approach for forecast of the Rainfall	SCOPUS(Q3)
		2. A Sustainable Green Approach to the Virtualized Environment in Cloud Computing	Scopus
9	**Mr Gaurav Sharma**	Real Time Exhaustion Detection by Image Classification Using Deep Convolution Neural Network	
		Quantum Computers: A Review on How Quantum Computing Can Boom Artificial Intelligence	Scopus
10	**Mr VedPrakash Sharma**	1. A Dynamic Artificial Neural Network Approach for forecast of the Rainfall	SCOPUS(Q3)
		2. A Sustainable Green Approach to the Virtualized Environment in Cloud Computing	Scopus
11	**Ms. Meenakshi Aggarwal**	Data Fusion Models in Underwater Wireless Sensor Networks	
12	**Ms. Iram Fatima**	AI for sustainable smart cities	
13	**Ms Ashu**	1. Machine Learning and the Internet of Medical Things in Healthcare,	
		2. Quantitative Assessment of Fetal Well-being Through CTG Recordings.	
14	**Dr Prashant Vats**	1. Deep Learning and Machine Intelligence for Operational Management of Strategic Planning.https://doi.org/10.1007/978-981-19-1142-2_38	Springer
		2.A Comprehensive Framework for IoT-Based Data Protection in Blockchain System. https://doi.org/10.1007/978-981- 19-0098-3_46	Springer
		3.Cloud-Based Patient Health Information Exchange System Using Blockchain Technology. https://doi.org/10.1007/978-981-19-0098-3_55	Springer
		4.Identification of MRI-Based Adenocarcinoma Tumours with 3-D Convolutionary System. https://doi.org/10.1007/978-981-19-0098-3_57	Springer
		5.An IoT-Based Temperature Measurement Platform for a Real-Time Environment Using LM35. https://doi.org/10.1007/978-981-19-0095-2_57	Springer
		6.A Sustainable Green Approach to the Virtualized Environment in Cloud Computing. https://doi.org/10.1007/978-981-16-9967-2_71	Springer

		7. Experimental Analysis of Geopolymer Concrete: A Sustainable and Economic Concrete Using the Cost Estimation Model	Hindawi
		8. Machine Learning-Based Intelligent Wireless Communication System for Solving Real-World Security Issues	Hindawi
		9. Deployment and layout of deep learning-based smart eyewear applications platform for vision disabled individuals	Scopus