Personal Details

NAME	Dr. Megha Jain
DEPARTMENT	IT
DESIGNATION	Associate Professor
PHONE	0120-2400115
EMAIL ID	meghajain@jssaten.ac.in
Date of Joining (JSSATEB)	22/02/2008

Experience

Total Experience in Years	Teaching: 17 Years	Industry: NIL	Research: 10 Years

Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	IT	2006	B.M.I.E.T,	M.D.U Rohtak
M.E. / M.Tech. / M.Sc.	CS	2012	H.C.E, M.D.U Rohtak	M.D.U Rohtak
Ph.D.	CS	2022	Sanskriti University	Sanskriti University

Research & Publications

Patent

Invention Title	Publication Number	Publish/Grant	Publication Date
Blockchain Technology-Based Electronic Health Record Data for Security	202211065490	Publish	25/11/2022
A system using blockchain for medical data security assurance	202311068153	Publish	10/27/2023

Deep learning-based image recognition for autonomous vehicles	202311072062	Publish	24/11/2023	
Blockchain Based Medical Data Storage Device	423490-001	Publish/Grant	22/08/2024	
Healthcare Data Recording Device using Blockchain	429700-001	Publish/Grant	13/12/2024	

Publications

1. International Journals (WOS/ Scopus)

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	Blockchain-Driven Methods for Fake Product Identification	Jain, M., Pandey, D.	International Journal of Performability Engineering	2024, 20(10), pp. 631–639	Scopus	1.28	Totem Publisher
2.	A Granular Approach to Secure the Privacy of Electronic Health Records Through Blockchain Technology.	Jain, M., Pandey, D., & Sharma, K. K.	International Journal of Distributed Systems and Technologies (IJDST),	vol.13, no.8 2022: pp.1-20.	Both	0.87	IGI Global
3.	An approach for predicting the price of a stock using deep neural network	Jain, M, Pandey, D & Pandey, K	Journal of Information & Optimization Sciences	Vol. 44 (2023), No. 3, pp. 529–539 DOI : 10.47974/JIOS-1412	Both	1.47	Taru Publication

4.	A Blockchain based Fund Management Scheme for Financial Transactions in NGOs	Jain, M., Kaswan, S., Pandey, D.	Recent Patents on Engineering	Volume 16, Issue 2, 2022 i-pp-v(5)	Scopus	0.44	Bentham Science Publishers
5.	Secure AODV Routing Protocols Based on Concept of Trust in MANET'S	Vijya singh,Megha Jain,	International Journal of Advanced Research in computer engineering and technology	Vol.3, Issue12, ISSN 2278-1323, pp.4425-4428	-	1.25	IJARCET
6.	A Survey of Trust Based AODV routing protocols in MANETS	Vijya singh,Megha Jain	International Journal of Scientific & Engineering Research	Vol.5, Issue12, ISSN 2229-5518,	-	.85	**IJSER**
7.	Megha Jain, Analysis of Supply Chain Management in Cloud Computing	Megha Jain	International Journal of Engineering, Business and Enterprises Applications	Issue-5, Vol. 3 September - November, 2013 ISSN: 2278-3075 pp152-155		1.5	ISSN
8.	Implementation of Algorithm for Research Paper Recommendation System	Megha Jain	International Journal of Information Technology & Knowledge Management	July-December 2012, Volume 5, No. 2, pp. 443-445.		.45	ISSN

International/NationalConferences(Scopus)

Sl. No.	Titleofthepaper	Name(s)of Author(s)	Name of the Conference	Published /Presented /Accepted	WOS/ Scopus / Both	Volume No. Issue No. Year	Publisher

	SISWMS: SCIENTIFIC INTEGRATED SOLID WASTE MANAGEMENT SYSTEM	Jain.M.,Kumar .L,and Pandey.D.	International Conference on Green Energy and Sustainable Technologies "Green and Sustainable Energy Systems" (ICGEST-2023)	Presented/Published	Scopus		**Springer**
	Monitoring and Analysis of Groundwater Recharge Dynamics	Jain, M., Sharma.M	International Conference on Sustainable Materials, Environment and Technologies Under Climate Change Scenario (SMET-2024) (Hybrid Mode) during 25th - 27th July, 2024 at National Institute of Technology Kurukshetra, India.	Presented/Published	Scopus		**Springer**
1.	EHR:patient electronic health records using blockchain security framework	Jain, M., Pandey,D.	ICIDCA 2023 Conference technically sponsoredby IEEE.	Presented/Published	Scopus	979-8-3503-9721-5 20 April 2023	IEEE .

2.	Removal of FraudulentActivities in Electronic Health Records Using Blockchain Security Framework	Jain,M ,Gautam& Tiwari	National Conferenceon Computational Intelligence	Presented/Published	Scopus	30th &31st January , 2023.	IEEE
3.	Analysis and ForecastingofWater Deficiency: A Case Study for Chennai City	Gautam,J, Malsa.N& Jain, M,	National Conferenceon Computational Intelligence	Presented/Published	Scopus	30th &31st January , 2023.	IEEE
4.	A Blockchain-Based Approach to Eliminating Fraudulent Healthcare Record Activities	Jain M, SharmaY,& Yadav O	International Conferenceon Advances in Software Engineering and Information Technology	Accepted/Published	Scopus	June 16-17, 2023	**Hinweis**
5.	Empowering educators and learners: A video conferencing applicationforonline learning	Jain M, Singhal A, Bhadauriya A&PratapH	International Conferenceon Advances in Software Engineering and Information Technology (ASIT)	Accepted/Published	Scopus	June 16-17, 2023	**Hinweis**
6.	A Granular Access-Based Blockchain System to Prevent FraudulentActivities in Medical Health Records.	Jain, M., Pandey, D., Sharma,K.K.	Advances in Data Computing, Communicatio nandSecurity, springer	Accepted/Published	Scopus	Sept.8-10, 2021/ vol 106. Springer, Singapor e.	**Springer ,**

Books/Bookchapters Published	01/03
	1)Algorithm Foundation: A Closer look into Data Structures
	1)A blockchain approach on security of health records for children suffering from dyslexia during pandemic COVID-19 Publisher:Elsevier,Year of Publication:2022 2) A Blockchain Approach for Health Care sector to Prevent Fraudulent Activities in Medical Records Publisher: Bentham Books, Year of Publication:2023 3) Scientific Integrated Solid Waste Management System to Minimize Adverse effects on the agriculture Accepted Jain, M., Pandey, D. The Future of Agriculture: IoT, AI and Blockchain Technology for Sustainable Farming, 2024, pp. 201–218 Publisher: Bentham Books, Year of Publication:2024

Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Cloud Computing	NPTEL	June 2020	93%
2.	HTML	Spoken Tutorial Project,IITBombay.	12/12/2022	90%
3.	Configuration Management and the Cloud	Coursera	24/08/2023	100%
4.	Introduction to HTML5	Coursera	17/01/2024	100%

Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Five days Online FDP on "Emerging Technologies in Big Data Analytics using Hadoop and Python	program was organized by the Department of Computer Science, ABES Engineering College,Ghaziabad	21stAug2023–25thAug 2023
2	Five days Online FDP on "Recent IndustryTrendsandTechnologyin Cloud Computing	organized by Schoolof Computer Science and Engineering in associationwith MUJTEC Manipal University Jaipur.	15/05/2023 to 19/05/2023

3	Five Days National Level Online FD P on"Research Trends and Technologies in Industry 4.0"	Jointly organized by KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCES	26th-30th September, 2022
4	One-Week Online Faculty Development Programme on Blockchain Technology and Its Applications (BTA'22)	JIIT Noida	25th July –30thJuly, 2022
5	Data Science	E & ICT Academy, IIT Kanpur	15th Feb 2021 to 27th Feb 2021
6	"a2z of NBA Accreditation Process"	AICTE	August 24th -September 09th, 2021
7	DATA SCIENCES	Jointly organized by KNIT Sultanpur & MNNITAllahabad, Prayagraj.	May 04-08, 2020
8	ICCSEMS - 2020	JSSATEN, AICTE	25-26 Sept 2020
9	"Pattern Recognition"	Dr. A.P.J. Abdul Kalam Technical University, Lucknow , under Technical Education Quality Improvement Programme Phase III (TEQIP-III).	9th -13th July 2018
10	"RECENT DEVELOPMENTS IN ELECTRICAL POWER SYSTEM"	Dr. A.P.J. Abdul Kalam Technical University, Lucknow , under Technical Education Quality Improvement Programme Phase III (TEQIP-III).	11th -15th June 2018
11	"Machine Learning"	TEQIP-III Dr. A.P.J Abdul Kalam Technical University, UP, Lucknow held from at ABES Engineering College.	12th January to 16th March 2018
12	"Machine Learning and Its Applications in Text and Image Analytics" sponsored by held from.	AKTU	30th January to 3rd February 2017

13	"Parallel Programming for HPC"	IIT. Delhi	23.05.2016 to 03.06.2016
14	"Wireless Networks"	NITTTR	2nd to 6th May 2016.
15	"Operations Research"	NITTTR	28th March to 1st April 2016.
16	"Technical Teacher's Role, Self Esteem, Motivation and Professionalism Development"	NITTTR	8th to 12th June 2015.
17	"Instructional Planning and Delivery (Module II- Instructional Delivery)"	NITTTR	11th to 15th May 2015.

Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	ICCSEMS - 2020	JSSATEN, AICTE	25-26 Sept 2020

Scholar Id

1.	Scopus Author ID	**56828681900**
2.	Orcid ID	https://orcid.org/0000-0001-6890-8603
3.	**Researcher Id**	W-1522-2018
4.	Google Scholar Id	**8E7emFcAAAAJ**

Dr. Megha Jain

AP, Dept of IT

JSS Academy of Technical Education, Noida