

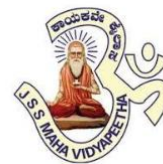


JSS Mahavidyapeetha

JSS Academy of Technical Education

Department of Computer Science & Engineering


www.jssaten.ac.in



FACULTY PROFILE

Department: Information Technology

1. Personal Details

NAME	Dr. Meena Arora	
DEPARTMENT	Information Technology	
DESIGNATION	Associate Professor	
PHONE	0120-2400115	
EMAIL ID	meenaarora@jssaten.ac.in	
Date of Joining (JSSATEN)	20 th August 2008	

2. Experience

Total Experience in Years (Till 2023)	Teaching: 25 Years	Industry: 6 months	Research: 12 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	CSE	1993	Pune Institute of Computer Technology, Pune	Pune University
M.Tech.	CSE	2007	Rajasthan Vidyapeeth Deemed University, Rajasthan.	Rajasthan Vidyapeeth Deemed University, Rajasthan.
Ph.D.	CSE	2012	Singhania University, Rajasthan.	Singhania University, Rajasthan.

4. Research & Publications

Papers Published in Web of Science indexed Journals	Total number = 3
Papers Published in SCOPUS indexed Journals	Total Number = 3
Papers Published in other Journals	Total Number = 11
Papers Presented in Conferences / Symposium	Total Number = 8
Books / Book chapters Published	1) Relational Database Management Systems in 2012 (MSc-11/MCA-11), Semester-3 for Maharishi Dayanand University, Rohtak by VIKAS Publishing House Pvt. Ltd. ISBN 978-81-259-3983-2,
	2) Relational Database Management Systems for Sambalpur university, Orissa, in 2013 by S Chand group

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5. Research Guidance

PhD Guide? Give field & University	Evaluated two PhD thesis report of Sanskriti University, Mathura. Field : Blockchain & Machine Learning	
PhDs / Projects Guided	Many projects guided at BTech & MTech level.	

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Short term Training Programme (STTP) under AQIS 2018-19 during Financial year 2019-20-reg. on "Internet of Things And Data Analytics"	433333/-	12 TH Dec 2019	Conducted three STTPs online from 17 th Nov 2020- 8 th Dec 2020 on "Internet of Things And Data Analytics"	All India Council for Technical Education (AICTE)

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
1.	Title of Convention: System & method for Suspicious Activity Detection in ATM machine by using Deep Learning & Computer Vision.	Filed & Published Patent with patent no. 202011056603 . Patent has been published in 2020-2021. Applicant : Mr. Ankur Garg, Mr. Vikas Singhal Date of filing. 27/12/2020 Publication Date. 01/01/2021 Name of Inventors: Mr. Ankur Garg Mr. Vikas Singhal Dr. Shivani Dubey Dr. Sunayana jain Dr. Meena Arora Dr. Amit Kumar Gupta Mr. Gaurav Agrawal. Mr. Naveen Mr. Apoorv Mr. Gaurav
2.	Title of convention : Systems and Methods for Identification of Relevant Non-Governmental Organization (NGO)	Patent filed – Application Number – 202111045725. In 2020-21 Applicant : Dr. Shivani Dubey, Prof. Vikas Singhal

		<p>Date of filing. 7/10/2021 Publication Date. 15/10/2021 Name of Inventors: Dr. Shivani Dubey Prof Vikas Singhal Dr Meena Arora Dr. Sunayana Jain Mr. Gaurav Agrawal Dr. Gagan Varshney Dr. Pankaj Agarwal Dr. Neha gupta Mr. Ashutosh Pandey Dr. Amit Kumar Mr. Bassam Salim Ms. Arti Gupta</p>
3.	Title of convention : - METHOD AND SYSTEM TO IDENTIFY AN OPTIMALCROP FOR A LAND	<p>Patent filed – Application Number – 202111059113. In 2020-21 Name of Applicant : Dr. Meena Arora, Dr. Shivani Dubey Date of filing. 17/12/2021 Publication Date. 31/12/2021</p> <p>Name of Inventors: 1 . DR. MEENA ARORA 2 . DR. SHIVANI DUBEY 3 . PROF. VIKAS SINGHAL 4 . DR SACHIN MALHOTRA 5 . MR. RAJANISH KUMAR JAIN 6 . DR. NAVEEN PRAKASH 7 . MR. RAVEENDRA KUMAR BHARATI 8 . MS. AMITA SHUKLA</p>
4.	Title of convention : - SYSTEM AND METHOD FOR IOT BASED REAL TIME HEALTH MONITORING	<p>APPLICATION NUMBER. 202211027552 DATE OF FILING 13/05/2022 PUBLICATION DATE 20/05/2022 APPLICANT NAME 1 . MR. NAVEEN KUMAR BIND 2 . DR. SHIVANI DUBEY 3 . PROF. VIKAS SINGHAL 4 . MS. AKSHIKA JAIN 5 . MS. POOJA SHARMA 6 . MR. KISHORE M.P 7 . DR. MEENA ARORA 8 . MS. SUPIKSHA JAIN 9 . MS. RACHANA SINGH</p>

5	Title of convention : - EARLY FLOOD DETECTION SYSTEM USING INTERNET OF THINGS (IOT)	APPLICATION NUMBER 202311004108 DATE OF FILING 20/01/2023 Publication Date 27/01/2023 Name of Applicants: 1 . DR. MEENA ARORA 2 . DR. SHIVANI DUBEY 3 . PROF. VIKAS SINGHAL 4 . MR. SAURABH CHOUDHARY 5 . DR SACHIN MALHOTRA 6 . DR. SHAIKALI 7 . DR. NIDHI GUPTA 8 . DR. NEHA GUPTA 9 . MR SHUBHAM PRASAD
6.	Title of convention: An IoT and cloud Technique to track and monitor the Work and well-being of the street sweepers	APPLICATION NUMBER 202311007959 DATE OF FILING 7/2/2023 Publication Date 10/2/2023 Name of Inventors: 1. Dr. Pushpa Choudhary 2 Dr. Seema Shukla 3 Dr. Meena Arora 4 Dr. Sangeeta Mangesh 5 Ms. Shobha G

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

1.	Adjudged the best faculty during academic year during '2003-04' awarded with Academic excellence award from DRONACHARYA COLLEGE OF ENGG. , FARUKH NAGAR, GURGAON.
2.	My name has appeared in "Encyclopaedia of Neutrosophic researchers Volume 1" in 2016
3.	Letter of Appreciation and gratitude for efforts in reviewing papers and conducting Tutorial submitted at CCIP 2015

8. Publications

i. International Journals

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.	Application of Artificial Intelligence	1Alcides Bernardo Tello, 2Dr.	International Journal of Applied	Vol. 4 No. 3,	Scopus		

	and IOT for Increasing Productivity of Agricultural Sector	Rajeev Sengupta, 3Anupam Sharma, 4Prof. Priyanka Shirish Shinde and 5Dr. Meena Arora	Engineering & Technology (London) ISSN: 2633-4828	December, 2022 ISSN: 2633-4828			
2.	Face Recognition System Under Volatile Illumination Conditions	Dr. Meena Arora*, Shahnawaz Khan, Himanshu Bharti, Dheeraj Pachauri, Abhay Kumar Mishra	Neuro Quantology Page 588-592 Doi: 10.4704/nq.2022.20.14.NQ88082	October 2022 Volume 20 Issue 14	Scopus <i>eISSN 1303-5150</i>	1.58	
3.	Role of Social Media in Retail Network Operations and Marketing to Enhance Satisfaction: An Analytical Approach	Anis Ali Dr. Namita Dixit Dr. Meena Arora	Pacific Business Review (International)	Volume 14 issue 5 November 2021	ESCI, Web of Science https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4041910	8.396	
4.	Analysis of Crop Detection and Monitoring Methods	Dr. Meena Arora	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Volume 12, Issue 8, July 2021 : 4001 - 4013 ISSN 1309-6591			
5.	Relevancy of Neutrosophic logic in various Domain	Dr. Meena Arora	International Journal of Emerging Trends & Technologies in Computer Science (IJETTCS),	Volume 9, Issue 5, September - October 2020 ISSN : 2278-6856		10.153	

6.	An Ideal Technique for Decision-Making Problems for Uncertain Data and its Application in Medical Science	Dr. Meena Arora	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075, Volume 8 Issue 11, September 2019 pp 923-927 ISSN : 2278-3075	Scopus		
7.	A Rank Neutrosophic Technique for Effective Decision-Making Problem	Dr. Meena Arora	International Journal of Applied Engineering Research	ISSN 0973-4562, Volume 13, Number 5 (Feb 2018) pp 2429-2431.			
8.	Random Forest v/s Scaled Conjugate Gradient To Predict Diabetes Mellitus	Dr. Meena Arora, Ms. Neha Shukla	International Journal of Computational Intelligence Research	ISSN 0973-1873 Volume 12, Number 2 (2016), pp. 117-123			
9.	Prediction of Diabetes Using Neural Network & Random Forest Tree	Dr. Meena Arora, Ms. Neha Shukla	International Journal of Computer Sciences and Engineering	Volume-04, Issue-07, Page No (101-104), Jul - 2016 , E-ISSN: 2347-2693		2.638	
10.	"An efficient model for SMS Security and Spam Detection: A Review"	Dr. Meena Arora, Ms. Nikhila Zalpuri	International Journal of Computer Sciences and Engineering	43-49, ISSN 2347-2693(E), Volume 3, Issue 12, Dec 2015 ,		2.638	
11.	"Fused Identification"	Dr. Meena Arora	International journal of Scientific	Volume 5, Issue 2, Feb 2014 ,			

			engineering & research,	pages: 885-889 ISSN : 2347-3878			
12.	Generalization of Functional Dependency in Total Neutrosophic Relation	Dr. Meena Arora	“International Journal of Computer Science Issues IJCSI”,	Volume 9, Issue 3, Number 2, 2012, pages : 294-302			
13.	Supporting Queries with imprecise constraints in Total Neutrosophic Databases	Dr. Meena Arora	Global Journal of Frontier Science Research, GJFSR,	Volume 11, Issue 8, Version 1.0, 2011, pages: 67-72.			
14.	ANSWERING IMPRECISE QUERIES IN TOTAL NEUTROSOPHIC DATABASES		International Journal of Advanced Research in Computer Science	Volume 4, No 5, 2011			
15.	Neutrosophic Relational Database Decomposition		International Journal of Advanced Computer Science and Applications (IJACSA)	Volume 2, No. 8, 2011	WoS, SCOPUS		
16.	Neutrosophic Relational Database Search Approach to capture inconsistent information	Dr. Meena Arora	International Journal of Information Technology & Knowledge Management IJITKM	Vol-IV, Number-I, 2010, Pages: 57-61			
17.	Rank Neutrosophic Armstrong Axioms and Functional Dependencies	Dr. Meena Arora	International Journal of Comp. Sc. & Comm. IJCSC	Vol-I, Number-II, 2010, Pages: 447-450,			

ii. National Journals

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
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iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	Stock Market Analysis	Dr. Meena Arora, Ms. Tanya, Ms. Nitika	NCRICT 2022	28 th Sept 2022			
2.	Face Recognition System Under Different Light Conditions.	Dr. Meena Arora, Himanshu Bharti, Shahnawaz Khan, Dheeraj Pachauri and Abhay Kumar Mishra	3 rd International Conference on Social Science, Management and Technology In Covid Era	28 th Aug 2022			
3.	Brain Tumour detection using Transfer Learning	Dr. Meena Arora, Shiva, Bhaskar, Ishita, Dev	2 nd International Conference on Research and Development in Science, Technology and Management	10 th May 2022			
4.	Sentiment Analysis in Political Context and latest Government Policies	Dr. Meena Arora	International Conference on Multidisciplinary Research Towards Sustainable Development	3 rd Oct 2021			
5.	Disaster Management Systems Using Internet of Things	Dr. Meena Arora, Mr. Aman Gupta	ICCSEMS-2020 held at JSSATE,	25-26 Sept 2020 Pg 356-361 in ICCSEM S proceddings			
6.	Finding Optimal	Dr. Meena Arora	ICAEASM held at ICSSR, Punjab	1st July 2018	Published in		

	Solution Using Rank Neutrosophic Technique		University Campus Chandigarh		IJRECE VOL. 6 ISSUE 3 (JULY - SEPTEMBER 2108) ISSN: 2393-9028		
7.	Deployment of Neutrosophic Technology to Retrieve Imprecise data in Bio Informatics	Dr. Meena Arora	International Conference on Computer Applications(ICCA 10)	24-27 Dec 2010 Pondicherry India	DOI: 10.3850/978-981-08-7304-2_0085		
8.	Applications of Neutrosophic Related Data model in Bioinformatics, Web Mining and Decision Support Systems”	Dr. Meena Arora	International Conference on Computing: Updates & Trends (CUT – 2010)	Jaipuria Group of Institutions, Ghaziabad on Feb 6th 2010			
9.	Deployment of neutrosophic technology to retrieve answer for queries posed in natural language	Meena Arora, R.Biswas	2010 3rd IEEE International Conference on Computer Science and Information Technology, ICCSIT 2010, pp. 435–439, 5564125	9-11 July 2010. DOI : 10.1109/ICCSIT.2010.5564125	WoS, SCOPUS		
10.	Salient Features of Mobile Transaction Models	Meena Arora, Yogita Khatri	National Conference on Information & Communication Technology	5 th -6 th March 2010			

iv. Workshops /Conferences/FDP Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Preeminent & Innovative Technologies in Computer Science and applications 2023 PICSA 2023	IMS Engineering College Ghaziabad	30 th Jan – 3 rd Feb 2023
2	Outcome based Education (FDP)	NITTTR Chandigarh	19-23 Sept 2022
3	Use of Tools and Techniques in Research based project	Greater Noida Institute of Technology	11-17 Oct 2022

4	Blockchain Technology and its applications	Jaypee Institute of information Technology, Noida	25-30 July 2022
5	Computer Vision – the Artificial Intelligence for an eye (STC)	Indian Institute of Technology, Indore	21-26 Feb 2022
6	Artificial Intelligence & Machine Learning (FDP)	Guru Jambheshwar University of Science & Technology	7-12 Feb 2022
7	Two days International Conference on Intelligent control and computation for Smart energy and Mechatronic systems (ICCSEMS 2020)	JSS Academy Of Technical Education, Noida, India.	25-26 th Sept 2020
8	Five-day Global E symposium on “Global Pandemic Outbreak: Role of Technology and Automation”	CSE Department JSSATE, Noida	1 st June – 5 th June 2020
9	Three days International Webinar on “Qualitative Research, Blog writing and Neuroscience in Outbreak of Covid 19	MCA department JSSATE, Noida	20-22 nd May 2020
10	FDP on “Digital Era of Teaching”	Diksoochi, Mysuru	11 th may- 13 th May 2020
11	One-week Modular Course on “Basics of Cryptography and Information Security”	C-DAC, Noida	18th Sept 17 to 22nd Sept17
12	One Week ICT Based Short Term Training Programme on “Interventions for Effective Industry Institute Partnership"	JSS Academy Of Technical Education, Noida, India.	24thApril'17 to 28thApril'17
13	Faculty development Programme on Machine Learning and its application in Text & Image Analytics	AKTU	30/1/17 to 3/2/17
14	Short term course on ANN through ICT	NITTTR, Chandigarh at JSSATE, Noida	25th April2016 to 29th April 2016
15	Two-week ISTE workshop on "Technical Teachers' Role, Self-esteem, Motivation, and Professionalism Development through ICT	NITTTR, Chandigarh at JSSATE, Noida	8th June to 12th June 2015.
16	Two-week ISTE Computer Network Workshop	MGM, Noida, India.	16th June 2014 to 31st June 2014
17	Three days National workshop on NBA	JSS Academy Of Technical Education, Noida, India.	22nd Feb 2013 to 24th Feb 2013
18	Nokia Workshop Mobile Innovation	JSS Academy Of Technical Education, Noida, India.	29 Sept 2013 to 1 Oct 2013

19	FDP on Angla Bharti Machine Translation Paradigm at MTU	JSS Academy Of Technical Education, Noida, India.	25th Nov 2011
20	One day workshop on Automata Theory	JSS Academy Of Technical Education, Noida, India.	8th Feb 2010
21	Attended IC3 2009 International Conference	JIIT Noida	17th Aug 2009 to 19 Aug 2009
22	One day workshop on Advanced Developer	Microsoft Corporation	5th June 2009

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Seminar presented on ““Research & Development” for IT & EE faculties of JSSATEN	JSS Academy of Technical Education, Noida	20/1/2022	Presenter
2	Seminar presented on ““Research Paper writing skills & Guidance” to Final Year Students	IMS Engineering College Ghaziabad-201015	10/10/2022	Presenter
3	NCRICT 22. National Conference on Recent Innovations in Computing Technologies	JSSATE NOIDA INDIA	28 September 2022	Registration Committee
4	2nd IEEE IAS International Conference on Computational Performance Evaluation (ComPE-2021) International Conference on Computational Performance Evaluation(Scopus Indexed & SCI indexed publications)	Department of Biomedical Engineering, North-Eastern Hill University (NEHU) during Shillong ComPE-2021 is technically co-Sponsored by IEEE Industry Applications Society (IAS), USA and financially sponsored by Blue Amber Foundation, New Delhi.	1st-3rd December 2021.	TCP member
5	National Conference on Recent Innovations in Computing Technologies 2021	JSS Academy Of Technical Education, Noida, India.	28 th Sept 2021	TCP member
6	3 weeks STTP on “ Internet of Things & Data Analytics “	JSS Academy Of Technical Education, Noida, India.	16 th Nov-8 th Dec 2020	Program Coordinator
7	Appreciation for chairing a session in International Conference on Intelligent	JSS Academy Of Technical Education, Noida, India.	25-26 th Sept 2020	Jury/ Session Chair

	control and computation for Smart energy and Mechatronic systems (ICCSEMS 2020)			
8	Two days Indo-US E-Summit on "Global Impact of COVID-19".	JSS Academy Of Technical Education, Noida, India.	26 th -27 th June, 2020	Session Coordinator Head
9	CCIP17 and reviewed papers	JSS Academy Of Technical Education, Bengaluru , India.	15 - 16 Dec 2017	TCP member
10	CCIP16 and reviewed papers	JSS Academy Of Technical Education, Mysuru, India.	12-13 Aug 2016	TCP member
11	CCIP15 and reviewed papers	JSS Academy Of Technical Education, Noida, India.	3-4 March, 2015	TCP member
12	CCIP 15 Tutorial	JSS Academy Of Technical Education, Noida, India.	3-4 March, 2015	Tutorial Chair

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Outcome based Education (FDP)	NITTTR Chandigarh	19-23 Sept 2022
2	Use of Tools and Techniques in Research based project	Greater Noida Institute of Technology	11-17 Oct 2022
3	Blockchain Technology and its applications	Jaypee Institute of information Technology, Noida	25-30 July 2022
4	Computer Vision – the Artificial Intelligence for an eye (STC)	Indian Institute of Technology, Indore	21-26 Feb 2022
5	FACULTY DEVELOPMENT PROGRAMME On Artificial Intelligence & Machine Learning	DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY HISAR-125001, HARYANA	7th February to 12th February, 2022.
6	Computer Vision -the Artificial Intelligence for an Eye	Pattern Analysis & Machine Intelligence Lab Department of Computer	February 21 –26, 2022

		Science & Engineering Indian Institute of Technology Indore, Indore 453552, India	
7	IMS School of Information Technology at IMS Ghaziabad, (University Courses Campus)	"APPLICATION OF DATA SCIENCE IN E-GOVERNANCE"	February 18, 2022.
8	Attended National Conference on Recent Innovations in Computing Technologies 2021	JSS Academy Of Technical Education, Noida, India.	28 th Sept 2021
9	Attended International Conference on Intelligent control and computation for Smart energy and Mechatronic systems (ICCSEMS 2020)	JSS Academy Of Technical Education, Noida, India.	25-26 th Sept 2020
10	Attended IC3 2009 International Conference	JIIT Noida	17th Aug 2009 to 19 Aug 2009

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Python 3.4.3 Training	Spoken Tutorial, IIT Bombay	12/12/2022	61%
2	Software Process Development & Methodologies	COURSERA	3/2/2022	90%
4	Software Processes and Agile Practices	COURSERA	8/01/2020	90%
5	Software Testing	NPTEL	Jan-April 2020, 16/6/2020	77%
6	DBMS	NPTEL	Feb-April 2019	61%

10. Membership of Professional Bodies:

1. IAENG 105796. SINCE 15/9/2011
2. IACSIT 803432555 SINCE 13/12/2013

11. Any other information you will like to share about your professional experience:

- Delivered a Seminar at IMS Engineering College, Ghaziabad.

The details are as follows:

- Title of the Seminar - "Research Paper writing skills & Guidance"

2. Target Audience - 4th year Students
3. Date - 10/10/2022 (Monday)
4. Time - 11:00am - 12: 30p.m
5. Venue - Seminar Hall, A- Block, IMSEC, Ghaziabad.

- Delivered a Seminar at JSS Academy of Technical Education, Noida

The details are as follows:

1. Title of the Seminar - "Research and Development "
2. Target Audience – IT & EE faculty members
3. Date – 20/12/2022
4. Time - 3: 00p.m- 4:00pm
5. Venue - Seminar Hall, AB 3

ORCID_ID 0000-0001-9999-9763

Researcher_ID. W-1413-2018

Scopus_ID. 36599862800

<http://www.scopus.com/inward/authorDetails.url?authorID=36599862800&partnerID=MN8TOARS>

Google_Scholar_ID. <https://scholar.google.co.in/citations?user=5DQzWhoAAAAJ&hl=en>

Web of Science Researcher ID. AHD-6908-2022

Vidwan-ID : 142135

Profile URL: <https://jssaten.irins.org/profile/142135>

Dr. Meena Arora
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JSS Academy of Technical Education, Noida