



## Faculty Profile on University Website [www.mjpru.ac.in](http://www.mjpru.ac.in)

<b>Title</b>	<b>Prof./Dr./Mr./Ms.</b>	<b>First Name</b>	Pooja	<b>Last Name</b>	Yadav	<b>Photograph</b> 
<b>Designation</b>		<b>Assistant Professor</b>				
<b>Department</b>		Computer Science & Information Technology				
<b>Address</b>	<b>Campus</b>	Dept of CSIT, MJP Rohilkhand University				
	<b>Residence</b>	41-D, Executive Residency, Suncity Vistaar, Bareilly				
<b>Mobile No.</b>		9897187723				
<b>Email ID</b>		Personal		<a href="mailto:erpoojafet15@gmail.com">erpoojafet15@gmail.com</a> <a href="mailto:p_yadav@pt.iitr.ac.in">p_yadav@pt.iitr.ac.in</a>		
		University Domain		pooja.yadav@mjpru.ac.in		
<b>Professional Networking ID, i.e. LinkedIn, Twitter etc.</b>		<a href="https://www.linkedin.com/in/pooja-yadav-709462193">linkedin.com/in/pooja-yadav-709462193</a>				
<b>Educational Qualifications (Graduation Onwards)</b>						
<b>Course/Degree</b>	<b>Institution</b>	<b>Year</b>	<b>Details/Thesis Topic/Subjects</b>			
B.Tech.	Purvanchal University	1998-2002	All subjects of B.Tech. Computer Sc. & Engg.			
M.Tech.	ZHCET, AMU	2003-2005	All subjects of M.Tech. Computer Sc. & Engg.			
Ph.D.	IIT Roorkee	2020-2024	Detection of Chronic Diseases and Analysis of Hyperparameters Using Deep Learning Techniques			
<b>Career Profile</b>						
<b>Organization / Institution</b>	<b>Designation</b>	<b>Duration</b>	<b>Nature of Duties</b>			

MJP Rohilkhand University	Guest Lecturer	1.6 yrs. (Aug 2006-June 2007) (Sept 2007-Jan 2008)	Teaching Along with departmental duties		
MJP Rohilkhand University	Assistant Professor, Grade-I	5 yrs. (2008- 2013)	Actively involved in Teaching Learning Process, Along with departmental duties like Student advisor, Committee Member of Grievance cell, Cultural In-charge, Project In-charge, Seminar In-charge, Committee Member of Examination, ACS, Committee member of Technical events.		
MJP Rohilkhand University	Assistant Professor, Grade-II	5 yrs. (2013- 2018)	Actively involved in Teaching Learning Process, Along with departmental duties like Student advisor, Committee Member of Grievance cell, Cultural In-charge, Project In-charge, Seminar In-charge, Committee Member of Examination, ACS, Committee member of Technical events		
MJP Rohilkhand University	Assistant Professor, Grade-III	5 yrs. (2018- Present)	Actively involved in Teaching Learning Process, Along with departmental duties like Student advisor, Committee Member of Grievance cell, Cultural In-charge, Project In-charge, Seminar In-charge, Committee Member of Examination, ACS, Committee member of Technical events.		
<b>Research Interests / Specialization</b>					
Data Mining, IoT, Machine Learning, Deep Learning					
<b>Research Experience in Years</b>		<b>10 Years</b>			
<b>No of Research Scholars Successfully Guided</b>					
<b>Name of Program</b>	<b>Awarded</b>	<b>Under Supervision</b>			
<b>Ph.D.</b>	3 Candidate (pursuing)				
<b>M.Phil.</b>	---				
<b>Dissertation (M.Ed./M.A.)</b>	---				
<b>Researcher/ Expert ID</b>	<b>Scopus</b>	<b>Orcid</b>	<b>Publons</b>	<b>Vidwan</b>	<b>Google Scholar</b>
	57203231347	0000-0002-8305-9512	AAV-4191-2020/	154311	DjUa604AAAAJ
<b>Teaching Experience (Subjects/Courses Taught):</b> 19 yr.					
<b>Subjects Taught:</b> Data Structure, Discrete Mathematics, Computer Organization, Compiler Design, Programming languages like C, C++, Python, Machine Learning.					

**Honours / Awards & Fellowship FOR OUTSTANDING WORK**

<i>Name of Award/ Fellowship</i>	<i>Awarded By</i>		
	<i>Name of Governmental Agency</i>	<i>Name of Government Supported Organization/ Department</i>	<i>Name of International Recognized Body</i>
QIP	-----	AICTE	--
Young Engineers Award	Institute of Engineers	-----	---

**Publications /Academic Activities (Numbers only)**

Books & Monographs (Single Author)	<b>3</b>	Research Papers Published in International Journals	<b>12</b>	Papers Presented in Seminars/ Conferences	<b>12</b>	Seminars/ Conferences /Webinars Organized	<b>5</b>	Research Projects (Completed)	-
Books (Coauthored)	<b>2</b>	Research Papers Published in Other Journals	<b>2</b>	Seminar/ Conferences Attended	<b>19</b>	Workshops Organized	<b>2</b>	Research Projects (Ongoing)	-
Books (Edited)	-	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	-	Sessions Chaired in Seminars/ Conferences	<b>4</b>	Membership of Academic/ Professional Bodies	<b>5</b>	Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	<b>6</b>		Resource Lectures Delivered	-					

**Details of Publications /Academic Activities (2010 Onwards)**

**a) Authored Books/ Monographs**

<i>Name of Book</i>	<i>Year of Publication</i>	<i>Publisher</i>	<i>ISBN No</i>
MIS (MBA 1.6) SLM	2015	UPRTOU	978-93-83328-48-2
Software Engineering (BCA-1.17)-SLM	2019	UPRTOU	978-93-83328-19-2
C++ & OBJECT ORIENTED PROGRAMMING SLM (Co-Author)	2020	UPRTOU	978-93-83328-98-7
JAVA Programming, (BCA-117) SLM	2020	UPRTOU	
MCA-E6N (Data Mining) (Co-Author)	2024	UPRTOU	978-93-48270-35-1

**(b) Edited Books**

<i>Year of Publication</i>	<i>Title</i>	<i>Publisher</i>	<i>ISBN</i>	<i>DOI No.</i>	<i>Citations</i>

**(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals**

<i>Year of Publication</i>	<i>Title</i>	<i>Name of Journal</i>	<i>ISSN No</i>	<i>Citations</i>	<i>Impact Factor</i>
<b>2025</b>	Machine Learning in Healthcare Sector: From Root to Shoot	Indian Journal of Technical Education	0971-3034		
<b>2024</b>	AI in Healthcare: A Survey on Medical Question Answering System,	South Eastern European Journal of Public Health	2197-5248	2	.8
<b>2024</b>	Pretrained Model: A Transfer Learning Approach for Early Prediction of Chronic Diseases.	Frontiers in Health Informatics	2676-7104		1.1

<b>2024</b>	Derma CNN-Convolutional Neural Network for Skin Cancer Lesion Classification	Journal of Computational Analysis and Applications (JoCAAA)	1374–1387		
<b>2023</b>	Exploring Hyper-Parameters and Feature Selection for Predicting Non-Communicable Chronic Disease Using Stacking Classifier	IEEE Access	2169-3536	32	3.47
<b>2023</b>	HFBO-KSELM: Hybrid Flash Butterfly Optimization-based Kernel Softplus Extreme Learning Machine for Classification of Chronic Kidney Disease.	Journal of Supercomputing	1573-0484	6	3.3
<b>2021</b>	An analysis of the ethical challenges of blockchain-enabled E-healthcare applications in 6G networks	International Journal of Cognitive Computing in Engineering	2666-3074	46	
<b>2020</b>	IoT the Next Wave in Healthcare Industry	International Journal of Communication Networks and Information Security	2073-607X		10.48047/IJCNIS.12.3.700
<b>2019</b>	Towards Sustainable Future: Case-Based	International Journal of Emerging Technologies	2349-5162		<a href="http://doi.one/10.1729/Journal.36332">http://doi.one/10.1729/Journal.36332</a>

	Solutions for SDG Implementation using IT	s and Innovative Research			
<b>2016</b>	A Survey of Growth and Opportunity of Internet of Things (IoT) in Global Scenario	IJIRCCE	2320-9801	6	6.56
<b>2013</b>	Paradigm Shift in Data Mining Techniques and its Applications	IJMIE	2249-0558		6.2
<b>2009</b>	CRM in E-Government: An Exploratory Research in Indian Context	ACME	0974- 1763		

**(d) Chapter/Paper Published in Edited Books**

<i>Publication</i>		<i>Title of the Book</i>	<i>Title of the Chapter</i>	<i>Name &amp; Address of Publisher</i>	<i>Year</i>	<i>ISBN</i>	<i>DOI</i>	<i>Citation Google/web of science</i>
<i>National</i>	<i>International</i>							
	International	IEEE Xplore	Categorization, clustering and association rule mining on WWW	IEEE	2009	978-1-4244-3602-6	10.1109/MSICT.2009.5164177	4
	International	IEEE Xplore	An Exploratory Analysis of Techniques for Web Usage Mining	IEEE	2009	978-981-08-2465-5		
National		Advancement of Technologies Soft Computing	Data Mining & Evolving Ontology Maps in	Excel	2009			

			Bioinformatics					
National		Soft Computing	Data Security Management in Distributed Web Environment	Narosa	2009			
National		SMART2017	IoT: Paradigms in Healthcare Industry	iNURTURE	2017			
	International	IEEE Xplore	IoT: Challenges and Issues in Indian Perspective: Challenges and Issues in Indian Perspective	IEEE	2018	978-1-50906785-5	10.1109/IoT-SIU.2018.8519869	190
	International	Introduction to AI Techniques for Renewable Energy System	Evolving Trends for Smart Grid Using Artificial Intelligent Techniques.	CRC Taylor & Francis	2020	978-0-367-61092-0 (hbk)		

	International	IEEE Xplore	Performance Analysis of Nature Inspired Optimization Algorithms for Chronic Disease Prediction	IEEE	2023	978-1-6654-7491-7	10.1109/DICT5624.2023.10110169	5
	International	IEEE Xplore	Performance of CNN for different facial expression images with varying input dataset sizes	IEEE	2023	978-1-6654-7491-7	<u>10.1109/DICT5624.2023.10110137</u>	
	International	LNNS	Deep Learning based Framework for Multi-disease Detection using CNN-BiLSTM	Springer	2023	978-981-97-3292-0	<a href="https://doi.org/10.1007/978-981-97-3292-0_47">https://doi.org/10.1007/978-981-97-3292-0_47</a>	
	International	Recent Trends in Artificial Intelligence Towards a Smart World: Applications in Industries and Sectors	Smart Healthcare: Paradigm Shift in Industry 5.0 Using AI	Springer	2024	978-981-97-6790-8	<a href="https://doi.org/10.1007/978-981-97-6790-8">https://doi.org/10.1007/978-981-97-6790-8</a>	
	International	Navigating Innovations	Artificial	IGI	2025			DOI: 10.4018/979-

		and Challenges in Travel Medicine and Digital Health	Intelligence and Machine Learning in Travel Health				8-3693-8774-0.ch004
<b>(e) Invited as Resource Lectures Person/Examiner/Expert</b>							
<b>Resource person</b>	<b>Detail of Event</b>	<b>Title of Lecture</b>	<b>Date</b>	<b>Institution</b>			
<b>(f) Seminars/Conferences/Workshops Organize</b>							
<ul style="list-style-type: none"> <li>Member of Organizing Committee of FDP on 'MATLAB &amp; SIMULINK PROGRAMMING' in 2014.</li> <li>Member of Organizing Committee of 'ICACCA 2016'</li> <li>Member of Organizing Committee of 'IOTSIU-2017'</li> <li>Member of Organizing Committee of 'International Conference' conducted by Physics dept. in 2017.</li> <li>Member of Organizing Committee of 'ICACCA 2019'</li> <li>Member of Organizing Committee of one day Webinar on 'Virtual Lab' in June 2020.</li> <li>Member of Organizing Committee of 10-days Webinar cum Workshop on 'Performing and Designing Experiments on Virtual Platform' on June 2020.</li> <li>Organizing Secretary of International Seminar on Yoga Day on June 2025.</li> </ul>							
<b>(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)</b>							
<b>Year</b>	<b>Name of Project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Duration</b>			
				<b>From</b>	<b>Till</b>		
<b>(h) Administrative Positions/Assignments Held</b>							
<b>Post</b>	<b>Organization</b>	<b>Duration</b>					
		<b>From</b>	<b>To</b>				
Coordinator	Admission CDOE	2025	Present				
Member	UFM	2025	Present				
Member	Anti-Ragging Committee	2025	Present				
Assistant Director	DIR, MJPRU	2024	Present				
Examination In charge	Dept of CSIT	2024	Present				
Member	Monitoring Raj Bhawan Portal	2024	Present				
Co-coordinator	Admission, Samarth	2024	Present				
Member	Women Grievance Cell	2023	Present				
<b>(i) Seminar/Conference Presentations</b>							

- Paper “**Evolution, Paradigm & Application of Middleware Technology**” Presented in National Conference organized by SRMS in 2012.
- Paper “**Recent Trends in Computing**” Presented in National Seminar organized by Prem Prakash Gupta Institute in 2014.
- Paper “**Contemporary Issues and Challenges in IoT**” Presented in National Seminar organized by Prem Prakash Gupta Institute in 2014.
- Paper “**Survey on Applications of IoT**” Presented in National Seminar Organized by Prem Prakash Gupta Institute in 2016.
- Paper “**Smart Healthcare System: An Indian Perspective**” presented in National Conference on Network Security Issues and Challenges (NSIC) organized by SSVIT in 2017.
- Paper “**An Overview of revolution in Healthcare System using IoT**” presented in IEEE International Symposium IOT SIU-2017 organized by MJP Rohilkhand University in 2017.
- Paper “**IoT: Paradigms in Healthcare Industry**” presented in International Conference of IEEE SMART-2017 organized by Teerthankar Mahaveer University in 2017.
- Paper “**Survey of Medical Based Question Answering System**” contributed in International Conference on Advances in Business and Engineering for Sustainability (ABES -2018) organized by ABES Ghaziabad in 2018.
- Paper, “Predicting Mental Health Scores from digital Behaviour using a machine Learning Approach” at ICSTEM held in Netherland during 9<sup>th</sup>-10<sup>th</sup> July 2025.

**(j) Memberships of Academic/Professional Bodies**

- **IEEE:** (Professional) Member: 94113639, Uttar Pradesh Section
- **Institute of Engineers:** M-1746892
- **CSI (Life Time Membership):** 1112240004
- **AIMEE (Life Time Membership):** AMI/25/01210
- **AICTSD (Member ID):** AICTSD/PROFESSOR/06110

**(k) Participation in Community Service / Exchange Programme / Consulting Activity**

**(l) International Academic Exposure**

**(m) Any Other Details**

- Participated and attended 5 days FDP on, “Green Chemistry” from 25<sup>th</sup> Feb 2020 to 29<sup>th</sup> Feb 2020, organized by Dept of Chemical Engg., MJPRU
- Participated and attended 5 days FDP on, “**Teaching through E-Learning Technologies: Development of E-Content**” from 31 May 2020 to 4<sup>th</sup> June 2020, organized by Indian Institute of Public Administration (IIPA), Bareilly Chapter, Uttar Pradesh, India and ABV-Indian Institute of Information Technology and Management, Gwalior, Madhya Pradesh, India
- Participated and attended 2 weeks Faculty Development Program on Deep Learning and Its Applications from May 2020 to May 2020, organized by E&ICT Academy IIT Roorkee.
- Participated and attended Two - Week Interdisciplinary REFRESHER COURSE on “Research Methodology” from 22 December, 2021 - 05 January, 2022 organized by Teaching Learning Centre, Ramanujan College University of Delhi, Delhi
- Participated and attended Two - Week Interdisciplinary short term course on “MIMO Technology” from 18 April, 2022 - 29 April, 2022 organized by IIT Delhi.
- Participated and attended 5 days FDP on “Data Science & Data Analytics using Python” from 21<sup>st</sup> Aug 2023-25<sup>th</sup> Aug 2023, organized by EICT Academy IIT Roorkee



Signature of Faculty Member