



Faculty Profile on University Website www.mjpru.ac.in

Title	Dr.	First Name	Pooja	Last Name	Yadav	Photograph 
Designation		Associate Professor				
Department		Computer Science & Information Technology				
Address	Campus	Dept of CSIT, MJP Rohilkhand University				
	Residence	41-D, Executive Residency, Suncity Vistaar, Bareilly				
Mobile No.		9897187723				
Email ID		Personal	erpoojafet15@gmail.com p_yadav@pt.iitr.ac.in			
		University Domain	pooja.yadav@mjpru.ac.in			
Professional Networking ID, i.e. LinkedIn, Twitter etc.		linkedin.com/in/pooja-yadav-709462193				
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
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			
Career Profile						
Organization / Institution	Designation	Duration	Nature of Duties			

MJP Rohilkhand University	Guest Lecturer	1.6 yrs. (Aug 2006June 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	6 yrs. (2018- 2024)	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	Associate Professor	3 yrs. (2024- Present)	Actively involved in Teaching Learning Process, Along with departmental duties like Committee Member of Grievance Cell, Rajbhawan Monitoring Cell, Member of Proctorial board , Admission Cell, Admission Co-Coordinator Samarth, Technical Manager CDOE, Admission Technical Committee, Member of Examination, ACS, Committee member of Technical events.
Research Interests / Specialization			
Data Mining, IoT, Machine Learning, Deep Learning			
Research Experience in Years		10 Years	
No of Research Scholars Successfully Guided			
Name of Program	Awarded	Under Supervision	
Ph.D.	3 Candidate (pursuing)		
M.Phil.	---		

Dissertation (M.Ed./M.A.)		---							
Researcher/ Expert ID	Scopus	Orcid	Publons	Vidwan	Google Scholar				
	57203231347	0000-0002-8305-9512	AAV-4191-2020/	154311	DjUa604AAAAJ				
Teaching Experience (Subjects/Courses Taught): 19 yr.									
Subjects Taught: Data Structure, Discrete Mathematics, Computer Organization, Compiler Design, Programming languages like C, C++, Python, Machine Learning.									
Honours / Awards & Fellowship FOR OUTSTANDING WORK									
Name of Award/ Fellowship		Awarded By							
		Name of Governmental Agency	Name of Government Supported Organization/ Department	Name of International Recognized Body					
QIP		-----	AICTE	--					
Young Engineers Award		Institute of Engineers	-----	---					
Publications /Academic Activities (Numbers only)									
Books & Monographs (Single Author)	3	Research Papers Published in International Journals	12	Papers Presented in Seminars/ Conferences	12	Seminars/ Conferences /Webinars Organized	5	Research Projects (Completed)	-
Books (Coauthored)	2	Research Papers Published in Other Journals	2	Seminar/ Conferences Attended	19	Workshops Organized	2	Research Projects (Ongoing)	-
Books (Edited)	-	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	-	Sessions Chaired in Seminars/ Conferences	4	Membership of Academic/ Professional Bodies	5	Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	6			Resource Lectures Delivered	-				

Details of Publications /Academic Activities (2010 Onwards)					
a) Authored Books/ Monographs					
Name of Book		Year of Publication	Publisher	ISBN No	
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					
Year of Publication	Title	Publisher	ISBN	DOI No.	Citations
(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals					
Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
2025	Machine Learning in Healthcare Sector: From Root to Shoot	Indian Journal of Technical Education	0971-3034		
2024	AI in Healthcare: A Survey on Medical Question Answering System,	South Eastern European Journal of Public Health	2197-5248	2	.8
2024	Pretrained Model: A Transfer Learning Approach for Early Prediction of Chronic Diseases.	Frontiers in Health Informatics	2676-7104		1.1

2024	Derma CNN-Convolutional Neural Network for Skin Cancer Lesion Classification	Journal of Computational Analysis and Applications (JoCAAA)	1374–1387		
2023	Exploring Hyper-Parameters and Feature Selection for Predicting Non-Communicable Chronic Disease Using Stacking Classifier	IEEE Access	2169-3536	32	3.47
2023	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
2021	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	
2020	IoT the Next Wave in Healthcare Industry	International Journal of Communication Networks and Information Security	2073-607X		10.48047/IJCNIS.12.3.700
2019	Towards Sustainable Future: Case-Based	International Journal of Emerging Technologies	2349-5162		http://doi.one/10.1729/Journal.36332

	Solutions for SDG Implementation using IT	s and Innovative Research						
2016	A Survey of Growth and Opportunity of Internet of Things (IoT) in Global Scenario	IJIRCCE	2320-9801	6	6.56			
2013	Paradigm Shift in Data Mining Techniques and its Applications	IJMIE	2249-0558		6.2			
2009	CRM in E- Government: An Exploratory Research in Indian Context	ACME	0974- 1763					
(d) Chapter/Paper Published in Edited Books								
Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/ web of science
National	International							
	International	IEEE Xplore	Categori zation, clusterin g and associati on rule mining on WWW	IEEE	2009	978- 1- 4244 - 3602 -6	10.1 109/ MS PCT .200 9.51 641 77	4
	International	IEEE Xplore	An Explorat ory Analysi s of Techniq ues for Web Usage Mining	IEEE	2009	978- 981- 08- 2465 -5		
National		Advanceme nt of Technologie s Soft Computing	Data Mining & Evolvin g Ontolog y Maps in	Excel	2009			

			Bioinformatics					
National		Soft Computing	Data Security Management in Distributed Web Environment	Narosa	2009			
National		SMA RT2017	IoT: Paradigms in Healthcare Industry	iNURT URE	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	https://doi.org/10.1007/978-981-97-3292-0_47	
	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	https://doi.org/10.1007/978-981-97-6790-8	
	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
(e) Invited as Resource Lectures Person/Examiner/Expert								
Resource person	Detail of Event	Title of Lecture	Date	Institution				
(f) Seminars/Conferences/Workshops Organize								
- Member of Organizing Committee of FDP on ‘MATLAB & SIMULINK PROGRAMMING’ in 2014. - Member of Organizing Committee of ‘ICACCA 2016’ - Member of Organizing Committee of ‘IOTSIU-2017’ - Member of Organizing Committee of ‘International Conference’ conducted by Physics dept. in 2017. - Member of Organizing Committee of ‘ICACCA 2019’ - Member of Organizing Committee of one day Webinar on ‘Virtual Lab’ in June 2020. - Member of Organizing Committee of 10-days Webinar cum Workshop on ‘Performing and Designing Experiments on Virtual Platform’ on June 2020. - Organizing Secretary of International Seminar on Yoga Day on June 2025.								
(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)								
Year	Name of Project	Funding Agency	Amount	Duration				
				From	Till			
(h) Administrative Positions/Assignments Held								
Post	Organization	Duration						
		From	To					
Coordinator	Admission CDOE	2025	Present					
Member	UFM	2025	Present					
Member	Anti-Ragging Committee	2025	August 2026					
Assistant Director	DIR, MJPRU	2024	July 2026					
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					
(i) Seminar/Conference Presentations								

• 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 9th-10th July 2025.			
(j) Memberships of Academic/Professional Bodies			
• IEEE: (Professional) Member: 94113639, Uttar Pradesh Section • Institute of Engineers: F-1332836 • 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 25th Feb 2020 to 29th 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 4th 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 21st Aug 2023-25th Aug 2023, organized by EICT Academy IIT Roorkee			



Signature of Faculty Member