



Faculty Profile on University Website

www.mjpru.ac.in

Title	Prof./Dr./Mr./Ms.	First Name	Pooja	Last Name	Yadav	Photograph
Designation		Assistant 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 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.

Research Interests / Specialization

Data Mining, IoT, Machine Learning, Deep Learning

Research Experience in Years **10 Years**

No of Research Scholars Successfully Guided

<i>Name of Program</i>	<i>Awarded</i>	<i>Under Supervision</i>
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, Programing 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	9	Papers Presented in Seminars/ Conferences	12	Seminars/ Conference s /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
2023	Exploring Hyper-	IEEE Access	2169-3536	19	3.47

	Parameters and Feature Selection for Predicting Non-Communicable Chronic Disease Using Stacking Classifier				
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	
2019	Towards Sustainable Future: Case-Based Solutions for SDG Implementation using IT	International Journal of Emerging Technologies and Innovative Research	2349-5162		http://doi.org/10.1729/Journal.36332
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:	ACME	0974- 1763		

	An Exploratory Research in Indian Context							
(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	Categorization, clustering and association rule mining on WWW	IEEE	2009	978-1-4244-3602-6	10.1109/MS-PCT.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 Bioinformatics	Excel	2009			
National		Soft Computing	Data Security Management in Distributed Web Environment	Narosa	2009			
National		SMA RT2017	IoT: Paradigms in Healthcare	iNURTURE	2017			

			Industry					
	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	10.1109/DICT5624.2023.10110137	
	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 and Challenges in Travel Medicine and Digital Health	Artificial Intelligence and Machine Learning in Travel Health	IGI	2025			DOI: 10.4018/979-8-3693-8774-0.ch004

(e) Invited as Resource Lectures Person/Examiner/Expert

<i>Resource person</i>	<i>Detail of Event</i>	<i>Title of Lecture</i>	<i>Date</i>	<i>Institution</i>

(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	
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	
(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: M-1746892 CSI (Life Time Membership): 1112240004					

• AIMEE (Life Time Membership): AMI/25/01210 • AICTSD (Member ID): AICTSD/PROFESSOR/06110			
(k) <u>Participation in Community Service / Exchange Programme / Consulting Activity</u>			
(l) International Academic Exposure			
(m) Any Other Details			
• Participated and attended Two - Week Interdisciplinary REFRESHER COURSE on “Research Methodology” from 22 <i>December, 2021</i> - 05 <i>January, 2022</i> 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 <i>April, 2022</i> - 29 <i>April, 2022</i> organized by IIT Delhi.			



Signature of Faculty Member