




महात्मा ज्योतिबा फुले
कृषिविद्यालय, बरेली

Faculty Profile on University Website

www.mjpru.ac.in

Title	Mr.	First Name	TRIVENI	Last Name	PAL	Photograph			
Designation		Assistant Professor							
Department		Computer Science and Information Technology							
Address		Department of CSIT,FET,MJPRU							
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Educational Qualifications (Graduation Onwards)									
Course/Degree		Institution		Year		Details/Thesis Topic/Subjects			
B. Tech		Priyadarshini College of Computer Sciences, Greater Noida		2010		Computer Science and Engineering			
M. Tech		NIT Hamirpur, H.P.		2012		Computer Science and Engineering			
Ph.D		NIT Hamirpur, H.P.		Pursuing		Computer Science and Engineering			
Career Profile									
Organization / Institution			Designation		Duration		Role		
MIT College of Engineering & Management			Assistant Professor		16 th July 2012 to 21 st August 2012		Teaching		
NIT Hamirpur, H.P.			Lecturer		22 nd August 2012 to 31 st Dec 2014		Teaching		
FET, MJP Rohilkhand University, Bareilly			Assistant Professor		1 st Jan 2018 to Till Date		Teaching		
Research Interests / Specialization									
Semantic Representation, Text Mining, Anaphora and Coreference Resolution									
Teaching Experience (Subjects/Courses Taught)									
Under-Graduate Level: Computer Fundamentals and C Programming, Data Structure, Analysis and Design of Algorithms, Real-Time System, Theory of Computations, Relational Database Management System, Digital Image Processing, Computer Graphics, Advance Computer Architecture									
Post-Graduate Level: Topics in Computer Network, Topics in Software Engineering, Mobile Databases, Security in Wireless and Mobile Systems									
Publications / Academic Activities (Numbers Only)									
Books & Monographs (Single Author)		Research Papers Published in International Journals	04	Papers Presented in Seminars/ Conferences	08	Seminars/ Conferences Organized	02	Research Projects (Completed)	
Books (Co-authored)		Research Papers Published in Other Journals		Seminar/ Conferences /FDP Attended	25	Workshops Organized	01	Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaird in Seminars/ Conferences	02	Membership of Academic/ Professional Bodies		Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books	01			Resource Lectures Delivered	01				

Details of Publications /Academic Activities (2010 Onwards)				
<u>(a) Books / Monographs</u>				
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>ISBN</u>	<u>Co-Author (s) (if any)</u>
<u>(b) Papers Published in Indexed/ Peer Reviewed Journals</u>				
<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>ISSN/ Indexing</u>	<u>Co-Author (s) (if any)</u>
2012	Anaphora Resolution in Hindi: Issues and Challenges	International Journal of Computer Applications	0975 – 8887	Kamlesh Dutta, Pardeep Singh
2017	Current Trends in Text Mining for Social Media	International Journal of Grid and Distributed Computing	2005-4262	Tajinder Singh, Madhu Kumari and Ahsan Chauhan
2018	Semantic Representations in Text Data	International Journal of Grid and Distributed Computing	2005-4262	Madhu Kumari Tajinder Singh, and Ahsan Chauhan
2018	Sentiment Based Information Diffusion in Online Social Networks	International Journal of Knowledge Discovery in Bioinformatics	1947-9123	Tajinder Singh, Madhu Kumari and Ahsan Chauhan
<u>(c) Articles</u>				
<u>(d) Seminar/Conference Presentations</u>				
<ul style="list-style-type: none"> • Triveni Lal Pal and Kamlesh Dutta, “Aspect-based Text Classification Approach” In Proc. of ICAREMIT-2020, pp 220-225, ISBN-978-81-933433-9-5, 2020. • Triveni Lal Pal and Madhu Kumari, “Multi-aspect based Document Similarity for Text Classification,” In Proc. of International Conference on Academic Research in Engineering, Management and Information Technology, pp. 224-227, ISBN-978-81-933433-5-7, 2019. • Triveni Lal Pal and Madhu Kumari, “Semantic Similarity Metrics for Analysing Semantic Representations,” In Proc. of International Conference on Emerging Trends in Engineering Innovations and Technology Management, 2017. • Triveni Lal Pal and Kamlesh Dutta, “Anaphora Resolution: A Rule-based Approach”, In Proc. of ICAREMIT-2018, pp 145-153, ISBN-978-81-933433-9-5, 2018. • Ankita Gautam, Triveni Lal Pal and Ghanshyam Verma, “Obstructive Sleep Apnea Detection Using Machine Learning”, In Proc. of ICAREMIT-2018, pp 73-77, ISBN-978-81-933433-9-5, 2018. • Ghanshyam Verma, S. Agrahari, Ankita Gautam and Triveni Lal Pal, “Quality Optimization of Image Using Shift Algorithm”, In Proc. of ICAREMIT-2018, pp 94-101, ISBN-978-81-933433-9-5, 2018. • Sulabh Sachan, Triveni Lal Pal, Vineet Singh and Ruchi Yadav “Smart Charging Strategies for Electric Vehicles: A Survey”, In Proc. of ICAREMIT-2018, pp 134-139, ISBN-978-81-933433-9-5, 2018. • Triveni Lal Pal and Kamlesh Dutta, “Evaluation of Quality Metrics for Machine Translation: A Case Study of English-Hindi Machine Translation,” in proceeding ICIAICT 2012, vol. II, pp. 139-146, 2012. 				
<u>(e) Resource Lectures Delivered</u>				
<ul style="list-style-type: none"> • Lecture delivered in “Summer School on Natural Language Processing (NLP-2013)” sponsored by TEQIP-II from 27-31 May, 2013, organized by CSED, NIT Hamirpur. 				
<u>(f) Seminars/Conferences/Workshops Organized</u>				
<ul style="list-style-type: none"> • Organized a workshop on Data Analytics using R and Python during January 22-25 at Department of CS&IT, FET, MJP Rohilkhand University, Bareilly sponsored by TEQIP-III. • Organized 4th International Conference on Academic Research in Engineering, Management and Information Technology (ICAREMIT-2019) at FET, MJP Rohilkhand University, Bareilly during 16-18 April, 2019. • Organized 5th International Conference on Academic Research in Engineering, Management and Information Technology (ICAREMIT-2020) at FET, MJP Rohilkhand University, Bareilly during 1-3 Feb, 2020. 				
<u>(g) Memberships of Academic/Professional Bodies</u>				
<ul style="list-style-type: none"> • Senior Member: UACEE, Universal Association of Computer and Electronics Engineers • Member: IACSIT, International Association of Computer Science and Information Technology Operating System, Member No- 80346343 • Member: IAENG, International Association of Engineers, Member No. 129206 • Member: SIGSEM • IEEE Systems Council 				

- IEEE Sensors Council
- IEEE Council on RFID
- IEEE Council on Electronic Design Automation

(h) FDP/Refresher Course/STC/Seminar Attended

- Attended five day **Faculty Induction Program**, organized by IIT Kanpur, during 20th Jan, to 24th Jan 2018.
- Participated in MHRD sponsored TEQIP-II one Week **FDP on Advanced Pedagogy and Digital Tools** organized by Department of Management Studies, IIT Roorkee from June 17th to June 21st, 2019.
- Attended five day **FDP on Information Security and Privacy (ISP 2020)**, organized by CSE, Motilal Nehru National Institute of Technology, Allahabad during 26th to 30th May, 2020.
- Attended five day **FDP on Demystifying the Data** organized by CSE, LNJPITChapra from 23rd to 27th June, 2020.
- Attended one week **FDP on Emerging Trends in Information Technology** organized by Institute of Information Technology & Management, Janakpuri, New Delhi from 20th to 25th July, 2020.
- Attended one week **FDP on Recent Innovations in Renewable Energy Technologies and Smart Grids** organized by BANSAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LUCKNOW from 8th to 12th June, 2020.
- Attended five day **FDP on Applications of Artificial Intelligence Techniques**, organized by Ashoka Institute of technology and management, Varanasi, from 13th to 17th July, 2020.
- Attended one week **e-Workshop on TECHNOLOGICAL TOOLS AND THEIR MANAGEMENT IN ONLINE TEACHING** organized by Examination cell, FET, MJPRU, from 14th to 21st, August, 2020.
- Attended **Webinar cum Workshop on Performing and Designing Experiment on Virtual Platforms**, organized by FET, MJP Rohilkhand university, Bareilly in Association with IIT Roorkee, from 8th to 17th June, 2020.
- Participated in one day **webinar on Global Lockdown: Climate Change and Sustainable Environmental Solutions**, organized by IET, Bundelkhand University, Jhansi, on 25th May, 2020.
- Participated in one day **webinar on Blockchain: Benefits in Government to Citizen (G2C)**, organized by Computer Society of India, Lucknow Chapter, on 27th June, 2020.
- Participated in one day **webinar on Innovative Practices: Insights and Trends**, organized by IEEE Student Branch MJP Rohilkhand University and Institute Innovation Council, on 31st July, 2020.
- Participated in one day **webinar on Reverse Migration and Rural development in Uttar Pradesh**, organized by Dr. Bhimrao Ambedkar University, Agra, on 25th May, 2020.
- Participated in one day **webinar on Outcome Based Education Software**, organized by vmedulife software services, on 9th July, 2020.
- Participated in one day **webinar on Outcome Based Education**, organized by Vishweshwarayya Abhyantriki Padvika Mahavidyalaya, on 20th June, 2020.
- Participated in one day **webinar on Virtual Lab**, organized by FET, MJP Rohilkhand University, Bareilly, on 6th June, 2020.
- Participated in one day **webinar on Assessment & Accreditation Process of NAAC**, organized by MJP Rohilkhand University, Bareilly In Collaboration with NAAC, Bengaluru, on 18th July, 2020.
- Participated in one day **International Virtual conference on International Virtual conference on Future Trends of Research and Innovations in Computer Science & information Technology**, organized by Computer Society of India, Lucknow Chapter, on 11th July, 2020.
- Participated five day **workshop on Artificial Intelligence: Theory and Application**, organized by SPIUUP in collaboration with KNIT, from 25th to 29th, July, 2020.
- One day **webinar on Patent Filing & Copyrights**, organized by Institute Innovation Council & IEEE Student Branch MJP Rohilkhand University, Bareilly, on 25th August, 2020.
- Participated one week **FDP on online Teaching & Assessment Pedagogy**, organized by DUIET from 24th to 29th August, 2020.
- Participated in **FDP on Blockchain** organized by NSC Lab, Indian Institute of Information Technology, Allahabad during 21st October- 25th October, 2019.
- Participated in three day **workshop on Research Methodology and Data Analytical Tools** organized by FET, MJP Rohilkhand University, Bareilly sponsored by TEQIP-III from 23-25 January, 2019.
- Participated in two day **workshop on Advanced Multi-Domain System Modeling Using OpenModelica** held at FET, MJP Rohilkhand University, Bareilly sponsored by TEQIP-III from 26th & 27th Nov, 2018.
- Attended **Student Excellence & Learning Program (SELP)** held at MJP Rohilkhand University, Bareilly sponsored by TEQIP-III from 25th March to 30th March, 2019.
- Short term course on **Security Trends in Mobile Ad hoc and Sensor Systems (STMASS-2016)** held during March 11-15,

2016 at CSED, NIT Hamirpur, sponsored by ISEA, DeitY.

- One day workshop on **NMEICT Awareness** held on July 12, 2014 at NIT Hamirpur, sponsored by MHRD.
- Two Days National Workshop on **Building Dynamic Websites & Testing (BDWT)** held on 6-7 April, 2013 organized by CSED, Jawaharlal Nehru Government Engineering College, Sundernagar (Mandi) in collaboration with Spoken Tutorial Project, IIT Bombay.
- Short term course on **Intrusion Detection Tools and Techniques for Security (IDTTS-2013)** from 21-25 March, 2013 organized by CSED, NIT Hamirpur sponsored by ISEA/TEQIP-II.
- Presented a paper in International Conference on Innovations and Advancements in Information and Communication Technology, ICIAICT 2012 from 30th -31st March, 2012.
- Attended a **workshop on LOTUS** conducted by IBM under the Academic Initiative Program, 2010.
- Attended International Conference on Advances in Computing and Communication at NIT Hamirpur from 8th -10th April, 2011.
- Attended one day **workshop on Cloud Computing** on 26th Oct, 2010 organized by Dept. of CSE, NIT Hamirpur.
- Attended one day National webinar on Protection of IPR and Research Ethics (IPR-RE-2021), organized by IPR Cell, MJP Rohilkhand University, Bareilly in Association with Innovation and Entrepreneurial Committee IEEE UP Section, On 26 April, 2021.

Any Other Details

- **Coordinator, GATE Training:** from March, 2018 to till date for GATE classes offered at FET MJP Rohilkhand University
- **Coordinator, Employability Skills Training** for Employability Skills classes offered at FET MJP Rohilkhand University
- **Program Coordinator, Three-week Induction program** for first year students (2018-2019) of FET MJP Rohilkhand University, Bareilly during 26 July- 15 August 2018.
- **Program Coordinator, Three-week Induction program** for first year students (2019-2020) of FET MJP Rohilkhand University, Bareilly during 25 July- 15 August 2019.
- **Chaired a session** in 5th International Conference on Advances in Computing, Communication & Automation (ICACCA 2019) held at FET, MJP Rohilkhand University, Bareilly on November 29th- 30th November, 2019.
- **Chaired a session** in 5th International Conference on Academic Research in Engineering, Management and Information Technology (ICAREMIT-2020) at FET, MJP Rohilkhand University, Bareilly during 1-3 February, 2020.
- **Resource Person** in “Summer School on Natural Language Processing (NLP-2013)” sponsored by TEQIP-II from 27-31 May, 2013, organized by CSED, NIT Hamirpur.
- **Proctor**, Student Learning Assessment (SLA) at AMU nominated by NPIU/MHRD.
- Received **fellowship of Rs 25,000/- per month** for a duration of three years (from January 2015 to December 2018) by World Bank sponsored project **TEQIP-II**.
- Received **fellowship of Rs 8,000/- per month** for a duration of two years (July, 2010 to July, 2012) by MHRD, govt. of India.
- Qualified **National Eligibility Test (Dec- 2012; June-2013)**
- Qualified **Graduate Aptitude Test (GATE-2010 & GATE-2013)** and scored more than 96 percentile each time.
- Won **first Prize** in quiz competition on “Mobile Computing” at College level in B. Tech. level.



(Triveni Lal Pal)