



Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	First Name	Ravendra	Last Name	Singh	Photograph
Designation	Professor					
Department	Computer Science & Information Technology					
Address (Campus)	Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly (UP), INDIA 243006					
(Residence)	House No: B 8, Deen Dayal Puram, In-front of Harrow School, Post: Izzat Nagar, Bareilly (India) – 243122					
Phone No	+91 581 220310					
Mobile	9412148941					
Email	r.singh@mjpru.ac.in / rsiet2002@gmail.com					
Web-Page						
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
Ph. D. (CS&E)	Lucknow University, Lucknow	2005	QoS issues in the internet			
Career Profile						
Organization / Institution	Designation	Duration	Role			
Dept of CS & I.T., I.E.T., MJP Rohilkhand University, Bareilly	Professor	12-05-2011 to till date	Teaching & Research			
Dept of CS & I.T., I.E.T., MJP Rohilkhand University, Bareilly	Associate Professor	12-05-2008 to 12-05-2011	Teaching & Research			
Dept of CS & I.T., F.E.T., MJP Rohilkhand University, Bareilly	Reader	12-05-2005 to 12-08-2008	Teaching & Research			
Dept of CS & I.T., F.E.T., MJP Rohilkhand University, Bareilly	Lecturer (Senior Scale)	01-01-02 to 12-05-05	Teaching			
Dept of CS & I.T., F.E.T., MJP Rohilkhand University, Bareilly	Lecturer	27-12-97 to 31-12-01	Teaching			
Uptron India Ltd., Lucknow (U.P. Govt. Undertaking)	Assistant Manager	13-05-92 to 26-12-97	Production, R & D and Testing			
Research Interests / Specialization						
<p>My current research interests lie in Wired & Wireless networks, QoS based routing, wireless medium access controls, mobile ad-hoc network, VANET, routing in wireless sensor network, admission control schemes for Real time communication over the Internet, simulation and performance evaluation of wireless network, Cost optimization & testing issues, Task allocation & scheduling in Distributed parallel computers. My specialization is in Artificial intelligence, Machine learning, Deep learning and its applications.</p> <p>I am a Member of International Society for Computers and Their Applications (ISCA), Cary, NC 27511-4216, USA, Member of Institute of Electronics & Telecommunication Engineers, N. Delhi (India), Senior Member, Computer Society of India and Program Committee Member for various International conferences.</p>						
Teaching Experience (Subjects/Courses Taught)						
<p>Total:</p> <p>Teaching : More than 21 years. Research : 17 Years Industrial : 5 Years & 7 Months.</p>						

Subjects/Courses Taught: Computer Networks, Mobile Computing, Computer Organization, Advanced Computer Architecture, Data Mining, DBMS, Distributed Database Systems, Artificial Intelligence, Neural Network.			
Research Experience			
: 07 Ph. D. Awarded under my supervision			
: 05 (Registered and continued under my supervision)			
Total Publications:			
International/National Journal		: 40	
International/National Conferences		: 50	
Books / Monographs			
Year of Publication	Title	Publisher	ISBN
2009	Design and Implementation of compiler,	New Age International, N. Delhi.	978-81-224-2398-3
2009	Magic with HTML, DHTML, Java Script,	University Science Press, N. Delhi	978-81-318-0765-1
2009	A Chapter in Book Soft Computing titled “ Data Mining and evolving Ontology Maps in Bioinformatics ”, P.no. 261-271 Editor: A.K. Srivasteva,	Narosa Publishing House	978-81-7319-996-7
2018	A chapter in Book “ Handbook of Research on Predictive Intelligence Using Big Data and the Internet of Things ” titled “ Application of Predictive Intelligence in Water Quality Prediction of the River Ganga Using Support Vector Machine Approach ” P. No 206-218	IGI Global 701 E Chocolate Ave Hershey, PA 17033. www.igi-global.com	978-15-2256-210-8
Membership of Academic/Professional Bodies			Total
<ol style="list-style-type: none"> 1. Computer Society of India 2. Member, Institute of Electronics & Telecommunication Engineers, N. Delhi (India). 3. Member, International Society for Computers and Their Applications (ISCA), Cary, NC 27511-4216, USA. 4. Senior Member, Computer Society of India 5. Former Secretary, Rotary Club, Izzat Nagar, Bareilly 6. Program Committee Member for various conferences 			
Academic Assignments Held			
<ul style="list-style-type: none"> : Proctor of the University : Head of the Department, CS & IT (2013-17) : Founder and Course Coordinator for Ph. D. Course (CS & IT) : Head of the Department, CS & IT (2008-11) : Proctor (Faculty In-charge), (since 2000-01) : Prof-In-charge Student affairs (Since 2000) : In-charge cultural activities of FET. : Member, Purchase Committee for Computers & Accessories of the University. : In-charge Central Computation Center of the University. (Since 2008) : In-charge, Central Internet Facility of the University (Since 2009) : In-charge, University Website. : Member, Purchase Committee for Computers & Accessories of the University : Chairman, Departmental Board, (2008-11 & 2013-16) : Member, Executive Council of the University : Member, Academic Council of the University : Member, Examination Committee of University : Organized FDP & Workshop in the department : Dy. Coordinator, B.edu and B. Tech/MCA Counseling : Observer, Entrance Examinations of the University and Others : Invigilator and Center superintend of Examination : Member of Flying Scott Team in University Examination 			

: Practical Examiner
: Answer sheet evaluator
: Examination Paper Setter

Invited Lectures

- International Conference IEEE sponsored SMART–2018 at TMU, Moradabad as a Key Note Speaker & Chair a Session.
- International Conference IEEE sponsored SMART–2017 at TMU, Moradabad as a Key Note Speaker & Chair a Session.
- Program committee member for Various International Conferences
- ICAREMIT-2015, IEEE and TEQIP-II sponsored M.J.P. Rohilkhand University, Bareilly chair a session
- International Conference IEEE sponsored SMART–2016 at TMU, Moradabad chair a session.
- Paper Presented at WCSE-2016 Japan
- Organized and delivered lecture Faculty Development Program in 2014 on MATLAB in Dept. of CS&IT, MJP Rohilkhand University Bareilly.
- Paper Presented at International conference, SAI-2014, London.
- Organized National Seminar in RBCET, on topic “Artificial Intelligence Techniques, applications and its benefits to society” in Feb-2008.
- Attended a conference under TEQIP-II at Lucknow
- Delivered a Motivational lecture, at Future Institute of Engineering and Technology, Bareilly
- Delivered an Invited lecture RBCET, Bareilly on 15.03.2008.
- Attended 4 days workshop on Educational Technology at Future Institute of Engineering and Technology, Bareilly from 23-26 June, 2011.
- Delivered an Invited lecture and chair a session in a conference held at Gurukul Kangeri University, Haridwar.
- Delivered lecture Faculty Development Program on Parallel and Distributed Computing (PDC-2012) in Dept. of CS&IT, MJP Rohilkhand University Bareilly on 17.12.2017.
- Delivered an Invited lecture and chair a session in a conference in various colleges/ University in India in session 2010-11, 2011-12 and 2012-13.
- Delivered an Invited lecture and chair a session in a conference held in Rotary Club Izzatnagar on 14 August 2010.
- Delivered an Invited lecture and chair a session in a conference held in Jaipuria Institute of Management, Ghaziabad on 06 Feb 2010.
- Delivered an Invited lecture and chair a session in a conference held in Invertis Institute of Engineering & Technology, Bareilly on 26 August 2007.
- Delivered an Invited lecture and chair a session in a conference held in RBMI, Bareilly on 14 October 2008.
- Delivered an Invited lecture in a conference held in SRMS, Bareilly on 14 October 2004
- Delivered an invited lecture in the National Seminar on “Emerging Trends in Information Technology” held in IIMS, Bareilly on 20-21st September 2003.
- Delivered an invited lecture in International Seminar on “Success Mantras for IT Industry in Next Decade RBMS,” held in RBMS Bareilly, on Oct 11, 2003.

Academic Foreign Visits

: SAI conference – 2014, London (U.K.) , : WCSE-2016, Tokyo University of Science, Tokyo, Japan
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Any Other Details

Signature of Faculty Member
(in Hard Copy Only)