




Mahatma Jyotiba Phule Rohilkhand University, Bareilly

महात्मा ज्योतिबा फुले रुहेलखण्ड विश्वविद्यालय, बरेली

A State University - Government of Uttar Pradesh; NAAC A++ Accredited; ISO 9001:2015 & 14001:2015 Certified



Faculty Profile

Title	Prof.	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				
Mobile No.		9412148941, 6395727335				
Email ID		Personal	rsiet2002@gmail.com			
		University Domain	r.singh@mjpru.ac.in			
Professional Networking ID, i.e. LinkedIn, Twitter etc.		www.linkedin.com/in/ prof-ravendra-singh-885195132 @rsiet2002				
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution		Year	Details/Thesis Topic/Subjects	
Ph.D., Computer Science and Engineering		Lucknow University, Lucknow		2005	Study and Analysis of Some QoS Issue on the Internet	
M.B.A.		S.V.S. University, Meerut		2021	HR and I.T.	
Bachelor of Engineering		B.A.M. University, Aurangabad		1991	Electronics Engineering	
Career Profile						
Organization / Institution			Designation	Duration	Nature of Duties	
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,			Associate Professor	12-05-2008 to	Teaching & Research	

Bareilly			12-05-2011		
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					
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 Sentiment Analysis, Opinion Mining, Data Mining Applications, Artificial intelligence, Machine learning, Deep learning and its applications.					
Research Experience in Years: 20 Years					
No of Research Scholars Successfully Guided : 10					
Name of Programme			Awarded	Under Supervision	
Ph.D.			10	02	
M.Phil.			02	-	
Dissertation (M.Ed./M.A./M.Tech./M.C.A.)			Many	Many	
Researcher/ Expert ID	Scopus	Orchid	Publons	Vidwan	Google Scholar
	57208661245	0000-0002- 7234-5775	D-3875-2016	422437	hjzzAvgAAA AJ
Teaching Experience (Subjects/Courses Taught)					
25 Years Teaching and 06 Years Industrial					
Data Mining, Data Science, Computer Networks, Advanced Computer Architecture, Computer Organization, Database Management System.					
Publications /Academic Activities (Numbers Only)					

Books	02	Research Papers Published in Other Journals	40	Seminar/ Conferences Attended	44	Workshop s Organized	04	Research Projects (Ongoing)	-
Books (Edited)	01	Articles Published in Popular Websites, Blogs, Newspapers, Magazines etc.	-	Sessions Chaired in Seminars/ Conferences	10	Membership of Academic/ Profession al Bodies	04	Foreign Countries Visited for Academic Assignments t	02
Chapters in Edited Books	02			Resource Lectures Delivered	20				

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No
Design and Implementation of compiler	2008	New Age International, N. Delhi.	ISBN: 978-81-224-2398-3
Magic with HTML, DHTML, Java Script	2009	University Science Press, N. Delhi,	ISBN: 978-81-318-0765-1

(b) Edited Books

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations
2019	Web Technology	U. P. Rajarshi Tandon University, Prayagraj (Allahabad)	ISBN: 978-93-83328-12-3		

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

1. A.Bharadwaj, R.Singh, “Method of Evaluation of Deep Learning Model by Performance Matrix for Handwritten Character Recognition Using Devanagari Dataset”, Mathematical Statistician and Engineering Applications, ISSN 2094-0343, 2022 Volume 71, Issue 04, PP: 2517-2542.
<https://www.philstat.org/index.php/MSEA/article/view/813/451>
2. A.Bharadwaj, R.Singh, “The Performance Evaluation of Deep Learning Classifier to Recognize Devanagari Handwritten Characters and Numerical”, Journal of Algebraic Statistics, ISSN 1309-3452, 2022, Volume 13, Issue 1, PP: 252-272.
<https://publishoa.com/index.php/journal/article/view/84>
3. S.Kumar, R.Singh, M.Z. Khan, A.Noorwali, “Design of adaptive ensemble classifier for online sentiment analysis and opinion mining”, PeerJ Computer Science, ISSN 2376-5992, 2021, Volume 5, PP: 1-24. <https://doi.org/10.7717/peerj-cs.660>
4. S.Saxena, M.Z. Khan, R.Singh, A.Noorwali, “Active VM Consolidation for Cloud Data Centers under Energy Saving Approach”, IJCSNS International Journal of Computer Science and Network Security (IJCSNS), ISSN 1738-7906, 2021, VOL.21 issue 11, PP: 345-353. <https://doi.org/10.22937/IJCSNS.2021.21.11.47>
5. S.Saxena, M.Z. Khan, R.Singh, "Green Computing: An Era of Energy Saving Computing of Cloud Resources", International Journal of Mathematical Sciences and Computing (IJMSC), ISSN 2310-9033, 2021, Volume 7, Issue 02, PP. 42-48.
<https://doi.org/10.5815/ijmsc.2021.02.05>
6. A.K. Bisht, R.Singh, R.Bhutiani, A. Bhatt, “Forecasting the One Year Ahead Water Quality of the River Ganga”, INTERNATIONAL JOURNAL OF AQUATIC SCIENCE, ISSN 2008-8019, 2021 Volume : 12, Issue 2-2, PP: 1987-2001.
7. A.K. Bisht, R.Singh, R. Bhutiani, A. Bhatt, “Analysis of Support Vector Machine Model in Forecasting the One Year Ahead Water Quality of the River Ganga”, INTERNATIONAL JOURNAL OF AQUATIC SCIENCE, ISSN 2008-8019, 2021 Volume : 12, Issue 2-2, PP: 1987-2001. http://www.journal-aquaticscience.com/article_133110.html
8. S.Saxena, M.Z. Khan, R.Singh, A.Noorwali, “Proactive Virtual Machine Scheduling to Optimize the Energy Consumption of Computational Cloud”, International Journal of Advanced Computer Science and Applications (IJACSA), ISSN 2156-5570, 2021, Vol. 12, No. 10, PP: 329-338 <https://doi.org/10.14569/IJACSA.2021.0121036>
9. A.Bharadwaj, R.Singh, “Handwritten Devanagari Character Recognition Using Deep Learning - Convolutional Neural Network (CNN) Model”, Palarch’s Journal Of Archaeology Of Egypt/Egyptology, ISSN 1567-214x, 2020, Volume 17, Issue 06, PP: 7965-7984. <https://archives.palarch.nl/index.php/jae/article/view/2203/2185>
10. S.Saxena, M.Z. Khan, R.Singh, “High Performance Energy-Aware Cloud Computing: A Scope of Future Computing”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN 2278-3075, 2020, Volume 9, PP.: 667-683. DOI: <https://doi.org/10.35940/ijitee.E3029.049620>

11. A.K. Bisht, R.Singh, A. Bhatt, R. Bhutiani, "Artificial Neural Network Based Water Quality Forecasting Model for Ganga River", International Journal of Engineering and Advanced Technology, ISSN: 2249-8958, 2019, Volume 08, Issue 06, PP: 2778-2785. DOI: <https://doi.org/10.35940/ijeat.F8841.088619>
12. S.Kumar, R. Singh, "Design of ensemble classifier selection framework based on ant colony optimization for sentiment analysis and opinion mining", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN 2278-3075, 2019, Volume 8, Issue 12, PP: 5112-5117. DOI: <https://doi.org/10.35940/ijitee.L2755.1081219>
13. N.K. Saxena, S.Chattopadhyay, R.Singh, "Accessing the E-Government Services Through Smartphones: Challenges and Opportunities", Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, 2019, Volume 06, Issue 04, PP: 230-234.
14. A.K. Bisht, R.Singh, A. Bhatt, R. Bhutiani, K. Kumar, "Water quality modeling of the River Ganga using artificial neural network with reference to the various training functions", Environment Conservation Journal, ISSN 2278-5124, 2017, Volume 18 (1&2), PP: 41-48.
15. A.K. Bisht, R.Singh, A.Bhatt, R.Bhutiani, "An Investigation of Assessment and Modelling the Water Quality of Rivers Based on Artificial Neural Networks- An Initiative towards the River Ganga", International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRSCE), ISSN 2454-4248, 2017, Volume 03, Issue 08, PP: 17-23.
16. S.Saxena, M.Z. Khan, R. Singh, R.Saxena "Deadline based Job Scheduling for Multi-Cluster Grid", International Journal of Computer Applications (IJCA), ISSN 0975 – 8887, 2015, Volume 130, Issue 02, PP: 41-44.
17. A.K. Bisht, R.Singh, "Performance Evaluation of Proactive and Reactive Routing Protocols in Vehicular Ad-Hoc Network by analyzing the Effect of Traffic Light Period", International Journal Of Advanced Technology In Engineering And Science, ISSN 2348 – 7550, 2015, Volume 03, Special Issue 01, PP:173-179
18. S.Saxena, Z.Khan, R.Singh, A.Kumar, "DRR Based Job Sheduling for Computational Grid and its Variants," International Journal of Innovations & Advancement in Computer Science (IJIACS), ISSN 2347-8616, 2014, Volume 03, Issue 08, PP: 07-13.
19. M.Jain, B.Kumar, R.Singh, I.Chatterjee, "Genetic Algorithm Based Routing Protocols for MANET", International Journal of Advanced Engineering Sciences and Technologies, ISSN: 2230-7818, 2013, Volume 12, Issue 01, PP: 43-48.
20. Smrati, R.Shukla, R.Singh, M.Z. Khan, "Group Handover Management in Mobile Femtocell Network Based on ART Map Class1", International Journal of Scientific & Engineering Research, ISSN 2229-5518, 2013, Volume 04, Issue 08, PP: 1757-1764.
21. S.Srivastava, A.K. Daniel, R.Singh, "Energy-Efficient Position Based Routing protocol for Mobile Ad Hoc Networks" International Journal of Information Technology Infrastructure, ISSN 2320-2629, 2012, Volume 01, Issue 02, PP: 06-10.
22. M.Z.Khan, R.Singh, J.Alam, "A Routing Algorithm for Triple Loop (TL): A Fixed Degree Two Dimensional Geometric Interconnection Network for Parallel Systems," Journal of Information Systems and Communication (JISC), ISSN 0976-8750, 2012, Volume 03,

Issue 01, PP: 220-224.

- 23.** M.Z.Khan, R.Singh, J.Alam, "Tasks Allocation Using Fuzzy Inference In Parallel And Distributed System," Journal of Information and Operations Management (JIOM), ISSN 0976-7762, 2012, Volume 03, Issue 02, PP: 322-326.
- 24.** R.Singh, R.Babu, I.Chatterjee, "A Reliable Multicast Routing approach for VANET", International Journal of Computer Science Issues (IJCSI), ISSN 1694-0814, 2012, Volume 09, Issue 02, PP: 575-579.
- 25.** A.K. Daniel, PATEL A. K., R.Singh, J P Saini, "Enhanced AODV backup routing in mobile adhoc networks", Journal of Information Systems and Communication (JISC), ISSN 0976-8750, 2012, Volume 03, Issue 01, PP: 60-63.
- 26.** A.K. Daniel, R.Singh, J.P. Saini, "Performance of Routing Protocol for Ad Hoc Network Using Path Survivability Based on Load and Bandwidth Management under GAL Back Pressure Technique", Journal of Information Systems and Communication (JISC), ISSN 0976-8750, 2012, Volume 03, Issue 01, PP: 48-51.
- 27.** A.K. Daniel, R.Singh, J.P. Saini, "Performance of Routing Protocol for Ad Hoc Network Using Path Survivability Based on Load and Bandwidth Management under Back Pressure Technique", International Journal of Computer Science, Engineering & Technology (IJCSET), ISSN 2231-0711, 2011 Volume 01, Issue 09, PP: 544-549.
- 28.** Z.Khan, R.Singh, J.Alam, S.Saxena, "Classification of Load Balancing Conditions for parallel and distributed systems" International Journal of Computer Science Issues (IJCSI), ISSN 1694-0814, 2011, Volume 08, Issue 05, No 01, PP: 411-419.
- 29.** A.K. Daniel, R.Singh, J.P. Saini, "Swarm Intelligence Based Routing Technique For Call Blocking In Heterogeneous Mobile Adhoc Network Using Link Stability Factor And Buffering Technique For Qos", International Journal of Research and Reviews in Computer Science, UK (IJRRCS), ISSN 2079-2557, 2011, Volume 02, No 01, PP:65-72.
- 30.** A.K. Daniel, R.Singh, G.Tripathi, "Heuristic Based Resource Allocation Protocol for Heterogeneous Mobile Adhoc Network Using Water Filled Model for QoS", International Journal of Computer Information Systems (IJCIS), ISSN 2229-5208, 2011, Paper No: 7.
- 31.** A.K. Daniel, R.Singh, J.P. Saini, "Performance Of Hybrid Routing Protocol For Adhoc Network Under Bandwidth Constraints", International Journal of Computer science and Information Systems, USA & UK (IJCSIS), ISSN 1947-5500, 2010, Volume 08, No. 04, PP: 90-98, PAPER No: 13.
- 32.** A.K. Daniel, R.Singh, J.P. Saini, "Swarm Intelligence Based Routing Technique For Heterogeneous Mobile Adhoc Network Using Link Stability Factor For Qos", Global Journal of Computer Application and Technology (GJCAT), ISSN 2249-1945, 2011 Vol 1 (1), PP:1-10.
- 33.** A.K. Denial, R.Singh, J.P. Saini, "Dynamic Path Restoration For New Call Blocking Versus Handoff Blocking in Heterogeneous Network Using Buffers For QoS", International Journal of Advanced Computer Science and Applications, USA (IJACSA), ISSN 2156-5570, 2010, Volume 02, No 01, PP:22-31.
- 34.** M.Z.Khan, R.Singh, J.Alam, R.Kumar, "Performance analysis of Dynamic load Balancing Techniques for Parallel and Distributed Systems" International Journal of Computer and Network Security, Austria (IJCNS), ISSN 2076-9199, 2010, Volume 02,

No 02, PP: 123-127.

- 35.** N.Kumar, R.Singh, "Rate controlled Coordination Framework for wireless aware Multimedia Applications", Journal of Technology & Engineering Science (JTES), ISSN 0975-5829, 2009, Volume 01, No 02, PP: 01-12.
- 36.** N.Kumar, R.Singh, M.Sharma "QoS-based Coordination (Business) Architecture for Mobile Networks." International Journal of Business Solution (JBS), ISSN 0974-4126, 2008, Volume 02, PP: 34-44.
- 37.** R.Singh, S.Verma, N.Kumar "Business Process Mining on Internet", International Journal of Business Solutions (JBS), ISSN 0974-4126, 2008, Volume 01, No. 1, PP: 9-14.
- 38.** K.Kumar, R.Singh, M.Z.Khan, "Air Traffic Enroute Conflict Detection Using ART1" Ubiquitous Computing and Communication Journal (UBICC), ISSN 1992-8424, 2008, Volume 03, No. 03, PP: 28-35.
- 39.** K.Kumar, R.Singh, M.Z. Khan, A.Indian "Air Traffic Runway Allocation Problem ARTMAP (ART1)" Ubiquitous Computing and Communication Journal (UBICC) ISSN 1992-8424, 2008, Volume 03, No. 03, PP: 228-235.
- 40.** N.Kumar, R.Singh, S.Verma, "Scalable E2E Framework for Heterogeneous (Wired-cum-wireless) networks" International Journal of Computer Science and Network Security (IJCSNS), ISSN 1738-7906, 2007, Volume 07, No. 8, PP: 244- 252.

(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	Soft Computing	Data Mining & Evolving Ontology Maps in Bioinformatics	Narosa Publishing House,	2009	ISBN: 978-81-7319-996-7		
	International	Handbook of Research on Predictive Intelligence Using Big Data and the Internet of Things	Application of Predictive Intelligence in Water Quality Prediction of the River Ganga Using Support Vector Machine Approach”	IGI Global 701 E Chocolate Ave Hershey, PA 1703, USA.	2019	ISBN : 978-15-225-6210-8	10.4018/978-1-5225-6210-8.ch009	
(e) Invited as Resource Lectures Person/Examiner/Expert								
Resource person		Detail of Event		Title of Lecture	Date		Institution	
Chair session and invited lecture		National Seminar” on “Computing & Trends Updates”		Under water Sensor Network and Applications	06 Feb 2010.		Jaipuria Institute of Management, Ghaziabad	
Chair session and invited lecture		National Seminar on “Role of IT for Rural Management”,		Applications of IT and Rural Management	Oct 11, 2009		Invertis Institute of Engineering & Technology, Bareilly	
Chair session and invited lecture		National Seminar on “Role of Education in Social Change”		Education as a Instrument of Social Change	Jan 22, 2009		Jyoti collage of Management Science & Technology, Bareilly	
Chair session and invited lecture		Future of Artificial Intelligence”, National Seminar		Role of A.I. to Optimize Business processes,	Sept 28, 2008		RBMI, Bareilly	
Chair session and invited lecture		International Conference GTER-2012		Green Computing and Challenges	11-13 Feb, 2012		FET, Gurukul Kangri University, Haridwar	
Invited lecture and		International Conference on		Big data Issues and Challenges	21-23 Feb, 2015		M.J.P. Rohilkhand University, Bareilly	

chair a session	Academic Research In Engineering, Management. and Information Technology, ICAREMIT-2015, IEEE and TEQIP-II Sponsored				
Chair session and invited lecture	National Seminar on “Recent Trends in Computing and Communication”	Routing issues in clustered wireless Network	16-17 Nov, 2013	Invertis University Bareilly	
KeyNote Speaker and Session Chair	International Conference on “System Modeling & Advancement in Research Trends” SMART– 2016, (IEEE sponsored)	Big Data Analytics and Future Trends	25-27 November 2016	Teerthanker Mahaveer University, Moradabad, India.	
KeyNote Speaker and Session Chair	International Conference on “System Modeling & Advancement in Research Trends” SMART– 2018, (IEEE	Modelling and FORECASTING of water quality in Ganga River	23-24 Nov. 2018	Teerthanker Mahaveer University, Moradabad, India.	
KeyNote Speaker and Session Chair	International Conference on “System Modeling & Advancement in Research Trends” SMART– 2019, (IEEE sponsored)	System Modeling and Advancement in Research trends	22-23 Nov 2019	Teerthanker Mahaveer University, Moradabad, India.	
KeyNote Speaker	3rd International Conference on Technological Advancements in Computational Sciences (ICTACS-2023), IEEE	Adaptive Ensemble method for online sentiment classification	1st -3rd November 2023	Amity University, Tashkent City, Street Labzak, Uzbekistan	
(f) Seminars/Conferences/Workshops Organized					
(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
Head of The Department	Dept of CS & IT, MJP Rohikhand University Bareilly	31-08-2008	30-08-2011
Head of The Department	Dept of CS & IT, MJP Rohikhand University Bareilly	29-07-2012	30-08-2017
Assistant Manager/Executive Officer	Uptron India Ltd, Lucknow	13-05-1992	26-12-1997
(i) Seminar/Conference Presentations			
<ol style="list-style-type: none"> 1. S.Saxena, M.Z. Khan, R.Singh, “ESACR: An Energy Saving Approach from Cloud Resources for Green Cloud Environment” 10th International Conference on System Modeling & Advancement in Research Trends, IEEE, 10th–11th December, 2021. 2. S.Kumar, R. Singh, D.Pathak, "Sentiment Analysis of Tweets for Airline Services using Multiple Machine Learning Algorithms", First International Conference on Agriculture, Science, Engineering and Management (ICASEM-2021), 23-24 October 2021. 3. S.Saxena, M.Z. Khan, R.Singh, “Energy Saving Heuristics for Optimization of Cloud Data Center”, 8th International Conference on System Modelling & Advancement in Research Trends, IEEE, 22nd–23rd November, 2019, ISBN: 978-1-7281-3243-3, DOI: 10.1109/SMART46866.2019.9117280 4. A.K. Bisht, R.Singh, A.Bhatt, R.Bhutiani, “Development of an Automated Water Quality Classification Model for the river Ganga”, 3rd International Conference on Next Generation Computing Technologies (NGCT 2017), SPRINGER, organized by University of Petroleum and Energy Studies, Dehradun, India, during 30th – 31st Oct 2017. 5. S.Kumar, R.Singh, “Comparative analysis of ensemble classifiers for sentiment analysis and opinion mining”, 3rd International Conference on Advances in Computing, Communication and Automation (Fall) (ICACCA-2017), IEEE, 15-16 September 2017-January. DOI: 10.1109/ICACCAF.2017.8344671. 6. A.K. Bisht, R.Singh, A.Bhatt, R.Bhutiani, “ARTIFICIAL NEURAL NETWORK BASED PREDICTION MODEL FOR ESTIMATING THE Water Quality OF THE River GANGA”, 3rd International Conference On Advances in Computing, Communication and automation, (ICACCA 2017), IEEE, organized by Tula’s Institute Engg. And Management College, Dehradun.Uttarakhand, India, during 15-16 September 2017. 7. A.K. Bisht, R.Singh, A. Bhatt, R. Bhutiani, “Modelling and FORECASTING of ganga river water quality variables using SOFT COMPUTING-An outline”, 2nd International Symposium on Internet Of Things: Smart Innovation & Usages (IOT- SIU 2017), IEEE-ACM, organized by faculty of Engineering and Technology, M.J.P. Rohilkhand University, Bareilly (U.P.), India, during 28-Feb-01 March 2017. 8. R. Singh, “Balanced Unequal Clustering Algorithm under Noisy Environment,” 6th International Workshop on Computer Science and Engineering (WCSE 2016, indexed by EI&SCOPUS), ISBN 978-981-11-0008-6, Tokyo University of Science, Kagurazaka campus, during June17-19, 2016, 9. R.Singh, A.K. Bisht, “Performance Evaluation of proactive and Reactive Routing Protocols in Vehicular Ad-hoc Network by Analyzing effect of Traffic Light Period,” ICAREMIT-2015 (Sponsored by IEEE and TEQIP-II), MJP Rohilkhand University, 			

Bareilly, during 21-23 Feb' 2015

11. R. Singh I. Gupta, A. K. Daniel, "Position Based Energy-Efficient Clustering Protocol under Noisy Environment for sensor Networks using Fuzzy Logic Technique" Science and Information Conference 2014, London (U.K.), during 27-29 August 2014. <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6918283>
12. R. Singh, I. Chatterjee, Smrati "Reliable End-to-end APNS Interaction Framework", 8TH INDIACom-2014, [International Conference on High Speed Networking and Information Security (ICHNIS-2014)], BVICAM, N. Delhi, March 05-07, 2014.
13. Anil Kumar Bisht, Ravindra Singh, "Impact of Packet Rate on Routing Protocols In Vehicular Communication System Using realistic movement patterns systems ", World Conference on Advances in Communication and Control Systems (CACCS- 2013), April 06-08 2013, organized by DIT University, Dehradun, Uttarakhand, India, Atlantis Press, France: ISBN: 978-90-78677-66-6.
14. Supriya Srivastava A. K. Daniel R Singh Sanjay Silakari "Fuzzy Logic Based Energy Efficient Routing Protocol under Load and Noisy Environment for Mobile Ad Hoc Networks" 7th International Conference on Advanced Computing and Communication Technologies (ICACCT-2013) at Panipat Haryana on November 16, 2013.
15. Itika Gupta A K Daniel R Singh ,J P Saini "An Energy Efficient Congestion Based Clustering Protocol for Wireless Sensor Networking using Round Robin Scheduling Technique" International Conference on Advances in Computer Science and Engineering ' ICACSE-2013 Hyderabad , during January 7-8 2013, www.warse.org. ISSN 2278-3091 Vol1 No 2
16. Z. Khan, R. Singh, S. Sanwal, A. Gangwar, S. Alam, "Task allocation in Massively Parallel System using Finite Automata", 3rd IEEE International Advance Computing Conference (IACC-2013)" AKG EC Gaziabad (India), During Feb 22-23, 2013, PP.: 611-617, 978-1-4673-4529-3/12/\$31.00 © 2012 I
17. R. Singh, Z Khan, V.K. Sharma, S. Saxena, "Zvrs Master Slave Parallel Task- Allocating Algorithm Using RR Scheduling and Its Implement", 3rd IEEE International Advance Computing Conference (IACC-2013), AKG EC Gaziabad (India), during Feb 22-23, 2013, PP.: 602-610, 978-1-4673-4529-3/12/\$31.00 © 2012 IEEE
18. Supriya Srivastava, A K Daniel, R Singh ,J P Saini "An Energy Efficient Position Based Routing Protocol for Mobile Adhoc Network", 1st IEEE International Conference on Radar, Communication & Computing ICRCC-2012 Tiruvannamalai, during December 21-22, 2012 IEEE Xplore 10.1109 / ICRCC2012 .6450540 Publication 2012 page 18-23 Print ISBN 978-1-4673-2756
19. A K Daniel R Singh, Supriya Srivastava "Energy Efficient Position Based Routing Protocol for Ad-hoc Wireless Network" International Conference on Computer Engineering Information Technology ' ICCEIT 2012 Bangalore , during November 26-27, 2012, ISBN 978-93-5087-174-4 Vol1 No 2
20. S. Saxena, Z. Khan, R. Singh, "Performance Analysis in Distributed System of Dynamic Load Balancing Using Fuzzy Logic" 2012 Spring World Congress on Engineering and Technology-SCET2012 (ISBN No.: 978-1-4577-1965-3), During 27- 30 march, 2012, Xi'an China, PP.: 1-5, 978-1-4577-1964-6/12/\$31.00 ©2012 IEEE
21. A K Daniel R Singh and J P Saini, "EAODV-BR: Enhanced AODV Backup Routing in Mobile Ad hoc Networks," International Conference on Next Generation Communication and Computing Systems (ICNGC2S-11), December 3-4, 2011, is rescheduled on March 24-25, 2012, Chandigarh, India"
22. A.K. Denial, R. Singh, J.P. Saini "Swarm Intelligence Based Multicast Routing and

- Bandwidth Management Protocol for Ad-hoc Wireless Network Using Backpressure Restoration” 3rd IEEE International Conference on Computer Science and Information Technology IACSIT 2010 Chengdu Sichuan China , during July 7-10, 2010 978-1- 4244-5539-3/10/\$26.00 ©2010 IEEE.
23. R. Singh, A.K. Denial, Z. Khan “Position Based Multicasting Routing Protocol for Ad-hoc Wireless Network Using Backpressure Restoration” 2nd IEEE International Conference on Computer Engineering Technology ' ICCET 2010 Chengdu Sichuan China , during April 16-18, 2010.
 24. Singh, A.K. Denial, “Position Based Multicast Routing Protocol for AD-hoc Wireless Network,” Proceedings of the 4th National Conference; INDIACom-2010, Computing For Nation Development, February 25 – 26, 2010, Bharati Vidyapeeth’s Institute of Computer Applications and Management, New Delhi
 25. R. Singh, A.K. Denial “Position Based Routing Protocol For Ad-Hoc Wireless Network Using Bandwidth Management” International Conference on ' Emerging Trends in Computer Science, Communication & Information Technology ' (CSCIT2010), organized by the Department of Computer Science & Information Technology, Yeshwant Mahavidyalaya, during 09-11 January, 2010 at Nanded.
 26. R. Singh, N. Kumar “End-to-End QoS-based Admission Control and APNs Interaction Framework with negotiation” Published (available on ISCA explore) in the ISCA 24th International Conference on Computers and Their Applications (CATA-2009, ISBN 978-1-880843-70-3), April 08 - 10, 2009, at Holiday Inn Downtown-Superdome, 330 Loyola Avenue, New Orleans, LA 70112, USA p.no. 145-150.
 27. N. Kumar, R. Singh, “Performance of QoS-based Coordination Framework for wireless aware Multimedia Applications,” Published (available on IEEE explore) in 16th IEEE International Conference on Networks 2008 (ICON-08). Organized by Department of Electronics and Computer Engineering, IIT Roorkee.
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35. R. Singh, Shantanu, Kuldeep, "Computational web intelligence for optimization of International Business", National seminar on Transforming Indian organizations for Global Competitiveness, March 14-15, 2008, RBMI, Bareilly.
36. R. Singh, N. kumar, A. Husain, "A Framework for Knowledge Management, Knowledge Flow and Utilization for the Global Business", National seminar on Transforming Indian organizations for Global Competitiveness, March 14-15, 2008, RBMI, Bareilly.
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(j) Memberships of Academic/Professional Bodies	
<ul style="list-style-type: none"> ● Institute of Electronics & Telecommunication Engineers, N. Delhi (India) ● Computer Society of India ● International Society for Computers and Their Applications (ISCA), USA ● Institute For Engineering Research and Publication (IFERP), India 	
(k) Participation in Community Service / Exchange Programme / Consulting Activity	
<ul style="list-style-type: none"> ● Rotary Club Izzatnagar, Bareilly ● Bharatiya Shikshan Mandal, Nagpur 	
(l) International Academic Exposure	
Attended International Conference	<ul style="list-style-type: none"> ● 6th International Workshop on Computer Science and Engineering (WCSE 2016) held on June 17-19, Tokyo University of Science, Japan
Attended International Conference	<ul style="list-style-type: none"> ● Science and Information Conference-2014, held on August 27-29, 2014 London, U.K.
(m) Any Other Details	

Signature of Faculty Member