Title	Prof./Dr./Mr./ Ms.	First Name	Sarabjeet Singh	Last Name	Bedi	Photograph
Designation		**Professor & Head**				
Department		Computer Science & Information Technology				
Address	**Campus**	M.J.P. Rohilkhand University, Bareilly (U.P.) – 243006.				
	Residence	355, Guruniwas, Janakpuri, Bareilly (U.P.) 243122				
Mobile No.		9412293355				
Email ID		Personal	dearbedi@gmail.com			
		University Domain	ssbedi@mjpru.ac.in			
Professional Networking ID, i.e. Linkedin, Twitter etc.		Linkedin.com/in/ssbedi				

Educational Qualifications (Graduation Onwards)

Course/Degree	Institution	Year	Details/Thesis /Subjects
B. E.	Guru Nanak Dev Engineering College.	1995	Computer Science and Engineering
M. E.	NIT-TTR (Est. by Ministry of HRD, Govt. of India), Chandigarh	2001	Computer Science and Engineering
Ph.D.	I.I.I.T.M. (Est. by Ministry of HRD, Govt. of India), Gwalior	2009	Information Technology

Career Profile

Organization / Institution	Designation	Duration	Nature of Duties
MJP Rohilkhand University, Bareilly	Lecturer	1997-2002	Academic and Research
MJP Rohilkhand University, Bareilly	Lecturer (Sr. Scale)	2002-2009	Academic and Research
MJP Rohilkhand University, Bareilly	Reader	2009-2012	Academic and Research
MJP Rohilkhand University, Bareilly	Associate Professor	2012-2015	Academic and Research
MJP Rohilkhand University, Bareilly	Professor	2015- Till date	Academic and Research

Research Interests / Specialization

Digital Watermarking, Digital Image Processing, Information Security, Quality Education through Internet.

Research Experience in Years: 23 years					
No of Research Scholars Successfully Guided					
Name of Program	Awarded		Under Supervision		
Ph.D.	05(03 Supervisor; 02 Co-supervisor)		02 (Thesis Submitted)		

Researcher/ Expert ID	Scopus	Orchid	Publons	Vidwan	Google Scholar
	24721027300	0000-0003-3377-3272	AAZ-6082-2020	154256	dearbedi@gmail.com

Teaching Experience (Subjects/Courses Taught)

23 Years (Computer Graphics, Information Security, OMT & UML, OOAD)

Honors / 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
Merit Certificate		NIT-TTR (Est. by MHRD, New Delhi), Chandigarh	
National Builder Award			Rotary International
Certificate of Merit			World Congress on Engg. London (UK)

Publications /Academic Activities (Numbers Only) Last 10 years

Books & Monographs (Single Author)	00	Research Papers Published in International Journals	17	Papers Presented in Seminars/ Conferences	09	Seminars/ Conference Organized	02	Research Projects (Completed)	01
Books (Co-authored)	00	Research Papers Published in Other Journals	10	Seminar/ Conferences Attended	08	Workshops Organized/ FDP	05 01	Research Projects (Ongoing)	01
Books (Edited)	00	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	00	Sessions Chaired in Seminars/ Conferences	06	Membership of Academic/ Professional Bodies	03	Foreign Countries Visited for Academic Assignments	03
Chapters in Edited Books	03			Resource Lectures Delivered	18				

Details of Publications /Academic Activities (2010 Onwards)			
(a) Authored Books/ Monographs			
Name of Book	**Year of Publication**	**Publisher**	**ISBN No**

(b) Edited Books

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations

(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals:
Details of Selected Papers

Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
2020	Benchmarking Tree-Based Least Square Twin Support Vector Machine Classifiers	International Journal of Business Intelligence and Data Mining	1743-8195	17 (H-Index)	0.52
2019	Video watermarking scheme based on IDR frames using MPEG-2 structure	International Journal of Information and Computer Security	1744-1773	0.8 (2019)	1.0
2017	Robust Video Watermarking Scheme Based on Intra-Coding Process in MPEG-2 Style	International Journal of Electrical and Computer Engineering	2088-8708	19 (H-Index)	1.22
2017	Video Watermarking Scheme Based on Candidates I–frames for Copyright Protection	Indonesian Journal of Electrical Engineering and Computer Science	2502-4752	1.4 (2019)	0.92
2017	A Multi-Criterion Based Integrated Methodology for the Selection of Expert System Shell	International Journal of Intelligent Enterprises	1745-3240	0.8 (2019)	0.50
2015	Implementation of Hybrid Image Fussion Technique for Feature Enhancement in Medical	Human Centric Computing and Information Services	2192-1962		3.70

	Diagnosis				
2016	Multiclass ELM Based Smart Trustworthy IDS for MANET	Arabian Journal of Science and Engineering	2191-4281		1.7

(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							
	YES	Advances in Computational Intelligence and Communication Technology	Classification of Plant Based on Leaf Images	Springer Nature Singapore Pte. Ltd	2020	9789 8115 1275 9	10.1007 /978-981-15-1275-9	
	YES	Handbook of Research on Emerging Priorities and Trends in Distance Education	Using Plug-Avatars "hhh" Technology Education as Service Oriented Virtual Learning Environm entin Sliding Mode	IGI Global, USA	2016	9781 4666 9624 2	10.4018 /978-1-4666-9624-2.ch039	
	YES	*Internet Policies and Issues*	Digital Watermar king: for IPR Protection of Multimedi a Contents	Nova Science Publisher s, New York, USA,	2010	978-1-6166 8-745-8		

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

1. Experet, BoS (Computer Science), IFTM University, Moradabad, 2016- Till Date.
2. External Exeprt, RDC, IFTM University, Moradabad, 2016- Till Date.
3. Resource Person for Workshop on Quality Education, Faculty of Education, MJP

Rohilkhand University, Bareilly Mar., 2018.

4. Invited Speaker/Resource Person, FDP on Wireless Communication at G. B. Pant Agriculture University, Pantnagar, 11-17 Mar., 2018.

5. Invited Speaker/Session Chair, IEEE International Conference, Bhimtal, 23-24 Feb., 2018

6. Invited Speaker, 2nd International Conference on Pluralism, Society and Management, at Invertis University, Bareilly, 17-19 Aug., 2017.

7. Guest of Honor/ Invited Speaker, National Conference on Network Security Issues and Challenges (NSIC-2017), SSVIT, Bareilly, Mar., 2017.

8. Key Note Speaker/Chief Guest (Valedictory), 4th Computer Science National Conference on Contemperory Research in Computing and Informatics (CRCI 2017) at SRMS, Bareilly, Mar., 2017.

9. Key Note Speaker/Session Chair, National Conference on Convergence on Information and Comm. Technology, SSVIT, Bareilly, 12 Mar., 2016.

10. Key Note Speaker, Workshop on National Energy Conservation Day, by Institution of Engineers, Bareilly, 14 Dec., 2015.

11. Key Note Speaker, National Seminar on Management Practices and Usage of Technology, KCMT, Bareilly, 01-02 Dec., 2015.

12. Key Note Speaker, Workshop on Good Governance, U.P. Rajashree Tandon University, Allahabad, held at IVRI, Bareilly, 15-17 Sep., 2015.

13. Key Note Speaker/ Session Chair, International Conference on Advances in Computer Engineering and Applications (ICACEA), IMS Engineering College, Gaziabad, 19-20, Mar., 2015.

14. Session Chair, International Conference on Academic Research in Engineering, Management and IT (ICAREMIT 2015), FET, MJP Rohilkhand University, Bareilly, 21-23, Feb., 2015.

15. Resource Person, National Seminar on Advances in Wireless Network and Security, Prem Prakash Group of Institute, Bareilly, 11 Dec., 2014.

16. Guest of Honor/Key Note Speaker, National Conference on Cloud Computing, RBMI, Bareilly, Jan., 2014.

17. Invited Talk, National Seminar on Promoting E-Governance Culture in Institution of Higher Education, Faculty of Education and Allied Sciences, MJP Rohilkhand University, Bareilly. 20-21 Mar., 2013.

18. Eminent Speaker/ Resource Person, FDP on Emerging Research Trends in Engineering and Technology, IFTM University, Moradabad, 16-23 Mar., 2013.

19. Guest of Honor/Key Note Speaker, National Conference on Emerging Trends in Computer Science and Communication Technology, ANA College, Bareilly, Jan., 2013.

20. Invited Speaker/Resource Person, FDP on High Performance Computing, MJP Rohillkhand University, Bareily, 15-20 Feb., 2012.

21. Key Note Speaker, National Conference on Advance Computing (Sponsored by AICTE), College of Engineering and Technology, Moradabad, 2010.

(f) Seminars/Conferences/Workshops Organized

1. Coordinator, National Webinar on Revamping the Instructional Pedagogy to Execute the Vision of NEP 2020, IQAC, MJP Rohilkhand University, Bareilly, 08.09.2020

2. Organizing Secretary, One day Workshop on "Designing Digital Tools for Effective Assessment and Accrediation of Educational Institutions", IQAC, MJP Rohilkhand University, Bareilly, 31st Oct., 2019.

3. Chairman/Coordinator, One day Workshop on IPR Issues (Sponsored by CST, Lucknow), May 2018.

4. Two day workshop on Online Admission System for Principal of all Affiliated Colleges of Rohilkhand Region, Bareilly, May 2018.

5. Two day workshop on Online Admission System for Principal of all Affiliated Colleges of Rohilkhand Region, Bareilly, 05-06 May, 2017.

6. Organized (as Technical Program Chair), IEEE International Conference, 2016.

7. Organized (as Program Coordinator) one week Faculty Development Program (FDP) on MATLAB and SIMULINK, 2015.

8. Two day workshop on Online Examination System for Principal of all Affiliated Colleges of Rohilkhand Region, Bareilly, 2015.

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
2012	Evaluation of Information..	UGC, New Delhi	90,000	2012	2014
2019	Seed Grant Project	TEQIP-III, World Bank	2,00,000	2019	2021

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Head	Department of CSIT	2020	Till Date
State Technical Coordinator	U.P. B.Ed.-JEE	2019	Till Date
Proctor	Chemical Engineering	2018	Till Date
Dy. Coordinator	Online Admission Committee	2017	Till Date
Nodal Officer	IPR cell	2016	Till Date
Convener	Board of Studies (CSIT)	2014	2016
In-Charge	Online Examination cell	2014	2015
Dy. Coordinator	U.P.B.Ed. online counseling	2010	2017
In-charge	Training & Placement	2009	2013
HoD/In-charge	Department of CSIT	2002	2005

(i) Seminar/Conference Attended/Presentations/ Publication

1. Keystroke Dynamics Biometric, A tool for User Authentication-Review, "International

Conference on System Modeling & Advancement in Research Trends (SMART)", Pages 248-254, 22.11.2018, TMU Moradabad, India, IEEE Publisher.

2. Continuous User Authentication via Mouse Dynamics, "5th IEEE International Conference on Advances in Computing, Communication & Automation (ICACCA-2019)", Bareilly, India, 2019, IEEE Publisher.

3. Classification of plant based on leaf images, 5th International Conference on Computational Intelligence and Communication Technology *(CICT)*, Ghaziabad, 2019.

4. A Twin Vector Machine Based Approach to Classifying Human Skin, "4th IEEE International Conference on Computing Comunication and Automation (ICCCA)", Page 1-5, 14.12.2018, Galgotia University, Noida, India, IEEE Publisher.

5. "Copyright Protection Using Blind Video Watermarking Algorithm Based on MPEG-2 Structure", International Conference on Computing Communication and Authentication (ICCCA), 15-16 May, 2015 (Available on IEEE Explore), pp 1048-1053, Publisher IEEE, ISBN: 978-1-4799-8889-1.

6. "Web Based Enterprise Management for Distributed Heterogenous Computing Environment: A Review", IEEE Computational Intelligence on Power, Energy and Controls with their Impact on Humanity (CIPECH), page 38-42, 28-29 Nov., 2014, Gaziabad, IEEE Publisher.

7. Guidelines for Quality Assessment of Intellectual Information Available on Internet", International Technology, Education and Development Conference (INTED) Proceeding, pp 5847-5853, Valencia, Spain, Mar. 2014 (ISBN: 978-84-618-8412-0, ISSN: 2340-1079)

8. "SNMP, CMIP Based Distributed Heterogeneous Network Management Using WBEM Gateway Enabled Integration Approach", Proceeding of International Conference on Recent Advances and Future Trends in Information Technology, at Punjabi University, Patiala, 21-23 March 2012.

9. Analyze the Performance of New Edge Web Applications Over N-Tiers Layer Architecture", High Performance Architecture and Grid Computing (HPAGC 2011), Chandigarh, July 2011, A Matri et al (Eds): HPAGC, CCIS 169, pp 299-305, Springer Verlag Berlin Heidelberg,.

10. Enchanced Object Oriented WBEM Enabled Solution for Non-Homogenous Network, Proceedings of IEEE International; Conference on Network Communication and Computers (ICNCC), Pages(s): 633-637, New Delhi, 2011, ISBN: 978-1-4244-9551-11.

11. An Efficient Method to Factorize the RSA Public Key Encryption", International Conference on Communication System and Network Techologies (CSNT), pp 108-111, 3-5 June 2011, Katra, Jammu, Publisher: IEEE (ISBN: 978-1-4577-0543-4 Print, ISBN: 978-1-4244-3604-0 Online).

(j) Memberships of Academic/Professional Bodies
CSI, India;   ISTE, India;   IEEE, USA;   IAENG, China.;   MIR Labs, U.K..
(k) Participation in Community Service / Exchange Programme / Consulting Activity
(l) International Academic Exposure

Participated in World Congress on Enginweering, London, UK Participated In INTED, Valencia, Spain
(m) Any Other Details

Signature of Faculty Member