Title	Dr.	First Name	Ashutosh	Last Name	Gupta	Photograph
Designation		Associate Professor				
Department		Computer Science and Information Technology				
Address (Campus)		MJP Rohilkhand University, Bareilly - 243122				
(Residence)		35-J-2, Rampur garden, Civil Lines, Bareilly-243001				
Phone No (Campus) Residence		0581-2520310				
		9415351823				
Mobile		9415351823				
Email		ashutosh333@rediffmail.com				

Education			
Subject	Institution	Year	Details
PhD (Computer Science and Engg.)	MNNIT, Allahabad	2010	*Title: "**Text Compression Schemes for Various State of Affairs Allowing Partial Decompression and Other Operations**"*
M. E. (Computer Science and Engg.)	M. N.R.E.C., Allahabad	2001	*Thesis topic: "**Word based Compression using Encryption**"*
A. M.I.E.	I.E.I (India)	1999	**Electronics & Communication Engineering**

Career Profile			
Organisation / Institution	Designation	Duration	Role
MJP Rohilkhand University, Bareilly	Reader	15 Sept 2008 – at present	Academic & Research
CSE Deptt, Engineering Degree Division, Institute of Engineering & Rural Technology (IERT), Allahabad, UP	Lecturer	03 Aug 2005 – 13 Sept 2008	Academic & Research
CSE Deptt, Engineering Degree Division, Institute of Engineering & Rural Technology (IERT), Allahabad, UP	System Manager	25 Sept 2002 – 02 Aug 2005	Managed the computer network facility for IERT Allahabad; Configured Apache Web, DNS, Proxy Server (Squid), Mail Server (sandesh.iert.ac.in), Firewall on Linux. Managed 150 terminals having Linux and Windows.
CSE Deptt, Dehradoon Institute of Technology, Dehradoon, Uttarkhand	Lecturer	11 Feb 2002 – 01 Sept 2002	Academic
CSE Deptt, MNNIT, Allahabad	Guest Lecturer	15.07.2002 – 31.12.2002	Academic

Research Interests / Specialization
Information storage and Retrieval, Data Compression, Compressed text searching, Algorithm design and analysis, Advanced data structures, Image Processing, Neural Network, Web and Data Mining.

Teaching Experience (Subjects/Courses Taught)
Algorithm design and analysis, Data structures using C, Data Compression, Cryptography and network security, Operating system, Fundamental of C programming, Object oriented design and programming, DBMS, Java Programming

Publications (LAST FIVE YEARS)
In Indexed/ Peer Reviewed Journals

Year of Publication	Title	Journal	Co-Author
2011	Analyzing the Parameters of Chaos Based Image Encryption Schemes	World Applied Programming (WAP) Journal, pp. 294-299, 1(5)	Abhishek Misra, Damodar Rai
2011	Prediction of Disease in Compressed DNA Sequences: An Open Problem	Journal of Information Technology and software Engineering Vol 1(1), page 1, 2011	---
2011	Searching a Pattern in Compressed DNA Sequences".	Intl jnl of Bioinformatics Research and Applications (IJBRA). Vol 7, No: 2, pp:115- 129	Suneeta Agarwal
2011	A novel approach for compressing the dna sequences using semi statistical compressor., 2011	International Journal of Computers and Applications, Vol 33(3), ACTA	Suneeta Agarwal
2010	A Fast Dynamic Compression scheme for Natural language Text	International Journal of Computers & Mathematics with Applications, Vol: 60(12), pages: 3139–3151, 2010. Elsevier	Suneeta Agarwal
2010	Compressed Differential Encoding for Semi-Static Compressors",	INFOCOMP Journal of Computer Sceince, Vol 9(4), pp 28-33,	Pankaj
2010	Partial Retrieval of Compressed Semi-Structured Documents.	International Journal of Computer Applications in Technology (IJCAT) Vol 38(4),	Suneeta Agarwal
2009	A Fast Decodable Adaptive Compression for Textual Documents.	International Journal of Information Retrieval 2(1), 2009, pp. 16-30	Suneeta Agarwal
2009	Retrieving the compressed collection of dynamic documents.	International Journal of Information Retrieval 2(1), 2009, pp. 1-15	Suneeta Agarwal
2008	Evolutionary Approach for Compressing Textual Documents	Intl. Journal of Computer Sciences and Engineering Systems	Suneeta Agarwal
2008	Browsing Compressed Collection of Semistructured Documents	International Journal of Computer Sciences and Engineering Systems	Suneeta Agarwal

2008	A Scheme That Facilitates Searching And Partial Decompression Of Textual Documents	International Journal of Advanced Computer Engineering	Suneeta Agarwal
2008	A Review on XML Compressors and Future Trends	International Journal of Computer Sciences and Engineering Systems	Suneeta Agarwal

Articles :

International Conferences:

1. A. Gupta and S. Agarwal. "**A Novel Approach of Data Compression for Dynamic Data**". In proc. of IEEE third International Conference on System of Systems Engineering, pages 262-266, June 2-4, 2008, California, USA.
2. A. Gupta and S. Agarwal. "**New Transform for Improving Compression Performance in Natural Language Text**". In proc. of International Multi-Conference for Engineers and Computer Scientists (IMECS). Pages 564-567, March 2007, Hong-Kong.
3. A. Gupta and S. Agarwal. "**Word Based Text Compression Using Encryption**". In proc. of International Multi-Conference for Engineers and Computer Scientists (IMECS). Pages 471-473, March 2007, Hong-Kong.
4. A. Gupta and S. Agarwal. "**Block Based LZW Compression of Dynamic Documents**". In proc. of International Conference on Information and Communication Technology (IICT). Pages 261-263, July 2007
5. A. Gupta, V. Rishiwal and S. Agarwal, "**Efficient Storage of Massive Biological Sequences in Compact form**". Proc. Of 3rd Intl conf. on contemporary computing- Part II, Volume 95, 2010, Noida, India, Aug 9 -11, 2010 Communications in Computer and Information Science Series, Springer.
6. Abhishek Misra, Ashutosh Gupta, Damodar Rai "*Review Of Visual Cryptographic Schemes*", International e-Conference on Computer Engineering (IeCCE 2012) (In Press)
7. Vinay Rishiwal, Ashutosh Gupta "*An Efficient Secret Image Sharing Scheme*", International e-Conference on Computer Engineering (IeCCE 2012) (In Press)
8. Vinay Rishiwal, Ashutosh Gupta, "*Improved PCA Algorithm for Face Recognition*", International e-Conference on Computer Engineering (IeCCE 2012) (In Press)

Chapters in Edited Book (Springer 2008)

1. A. Gupta, and S. Agarwal. (2008) **'Transforming the Natural Language Text for Improving Compression Performance'**, Lecture Notes in Electrical Engineering Vol. 6, "Trends in Intelligent Systems and Computer Engineering (ISCE)", 2008, pp 637-644, Springer.

2. A.Gupta and S. Agarwal. (2008) **'Compression Using Encryption'**, Lecture Notes in Electrical Engineering Vol. 6, "Trends in Intelligent Systems and Computer Engineering(ISCE)", 2008, pp 645-653, Springer.

Conference Presentations
1. A. Gupta, S. Agarwal. **"String Matching in End-Tagged Dense Code"**, *In Proc. National Seminar on Recent Advances in Information Technology, (RAIT'07)*, pages 143-149, Feb 2007.

Public Service / University Service / Consulting Activity
1. Member, Board of Studies (Department of CS & IT)
2. Academic In-charge, (Department of CS & IT) Course during 2008-2011.
3. In-charge of Research Promotion Committee of Deptt.of CS&IT.
4. Member of Curriculum Design Committee for making common syllabus of BCA course for all the U.P. State Universities

Total Publication Profile (optional)
In Indexed/ Peer Reviewed Journals   **14**
Articles: **07 and 03 (In Press)**
• Editorial on "***Prediction of Disease in Compressed DNA Sequences: An Open Problem***" is published in *Journal of Information Technology and Software Engineering*, 1(1), page 1, 2011.
Conference Presentations   01
Professional Societies Memberships
• **Senior Member** "International Association of Computer Science and Information Technology (IACSIT)". • **Member** of "Institution of Engineers" (IEI). • **Member** of "International Association of Engineers (IAENG)". **Member** of "International Consortium for Electronic Business (ICEB)".
Editorial Board Member
• **Editorial Board Member** of "*International Journal of Information Technology and Software Engineering*" • **Editorial Board Member** of "*World Applied Programming Journal*" • **Editorial Board Member** of "*International e-Conference on Computer Engineering (IeCCE) 2012*" held at Technology Institute of Dadaab, Kenya.
Program Committee Member
• **Program Committee Member**, "Advances in Network Security and Applications", 4th International Conference, CNSA 2011, Chennai, India, July 15-17, 2011, proceeding published in book "*Communications in Computer and Information Science*" Volume 196, 2011, Springer. • **Program Committee Member**, "Trends in Network and Communications", International Conferences, NeCOM, WeST, WiMoN 2011, Chennai, India, July 15-17, 2011. Proceeding published in "*Communications in Computer and Information Science*", Volume 197, 2011, Springer. • **Program Committee Member** of "*International Conference on Recent Advances in Information Technology (RAIT 2012)*" held at ISM Dhandbad University, Dhanbad, Jharkhand. • **Program Committee Member** of "*International e-Conference on Computer Engineering (IeCCE) 2012*" held at Technology Institute of Dadaab, Kenya on January 15, 2012.
Reviewer   (Journals/Proceedings)
• **Reviewer** of *International journal of Information Sciences*, Elsevier • **Reviewer** of INFOCOMP Journal of Computer Science. • **Reviewer** of Computer Science Journals • **Reviewer** of CNSA 2011, NECOM 2011, WEST 2011, WiMON 2011, AICTY 2011 series events to be held in Chennai, India. • **Reviewer** of IEEE ICMLC 2011, China • **Reviewer** of Scientific Research and Essays • **Reviewer** of *International Conference on Recent Advances in Information Technology* held at ISM Dhandbad University, Dhanbad, Jharkhnad. • **Reviewer** of CNSA 2012, NECOM 2012, WEST 2012, WiMON 2012, AICTY 2012 series events to be held in Chennai, India.