

S. No.	Faculty Name	Designation	Highest Qualification	Date of Joining
1	Prof. Dr. RMK Sinha	Dean, CSE & IT	PhD	07/07/2014
2	Prof. Dr. Satya Prakash Ghrera	Professor, Head of Department CSE	PhD	04/01/2006
3	Prof. Dr. Deepak Dahiya	Professor	PhD	31/07/2009
4	Dr. Hemraj Saini	Assistant Professor (Senior Grade)	PhD	17/08/2012
5	Dr. Nitin	Associate Professor	PhD	28/07/2003
6	Dr. Pradeep Kumar Gupta	Assistant Professor (Senior Grade)	PhD	12/07/2008
7	Dr. Pardeep Kumar	Assistant Professor (Senior Grade)	PhD	01/12/2008
8	Dr. Pooja Jain	Assistant Professor (Senior Grade)	PhD	17/08/2009
9	Dr. Rajni Mohana	Assistant Professor (Senior Grade)	PhD	18/05/2010
10	Dr. Yashwant Singh	Assistant Professor (Senior Grade)	PhD	01/01/2008
11	Ms. Komal Mahajan	Assistant Professor (Grade-I)	M.S.	20/07/2012
12	Ms. Nishtha Ahuja	Assistant Professor (Grade-I)	M. Tech	12/07/2014
13	Mr. Amol Vasudeva	Assistant Professor (Grade-II)	M. Tech	28/07/2005
14	Mr. Arvind Kumar	Assistant Professor (Grade-II)	M. Tech	01/08/2011
15	Mr. Ravinder Bhatt	Assistant Professor (Grade-II)	M. Tech	03/07/2006
16	Ms. Reema Aswani	Assistant Professor (Grade-I)	M. Tech	01/07/2013
17	Ms. Ruchi Verma	Assistant Professor (Grade-I)	M. Tech	25/01/2012
18	Mr. Amit Kumar Singh	Assistant Professor (Grade-II)	M. Tech	22/04/2008
19	Ms. Ansuyia Makroo	Assistant Professor (Grade-I)	M.S.	20/07/2012
20	Dr. Sakshi Babbar	Assistant Professor (Senior Grade)	PhD	01/08/2013
21	Mr. Shailendra Shukla	Assistant Professor (Grade-II)	PhD	05/02/2014
22	Dr. Vivek Sehgal	Associate Professor	PhD	01/08/2003
23	Mr. Punit Gupta	Assistant Professor (Grade-I)	M. Tech	18/02/2013

24	Ms. Ramanpreet Kaur	Assistant Professor (Grade-I)	M. Tech	06/07/2012
25	Ms. Sanjana Singh	Assistant Professor (Grade-I)	M. Tech	01/07/2013
26	Mr. Suman Saha	Assistant Professor (Grade-II)	M. Tech	30/04/2009
27	Prof. Dr. Ghanshyam Singh	Professor	PhD	24/03/2006
28	Meenakshi Sood	Assistant Professor (Grade-II)	M.E.	10/01/2011
29	Dr. R K Bajaj	Associate Professor	PhD	01/05/2003
30	Dr. Surajit Kumar Hazra	Assistant Professor (Grade-II)	PhD	09/12/2010
31	Dr. R S Raja Durai	Associate Professor	PhD	14/07/2008
32	Prof. D.C. Kulshreshtha	Professor	M. Tech	14/07/2003
33	Prof. Dr. Sunil Kumar Khah	Professor and Controller of Examination	PhD	01/08/2002
34	Dr. Tanu Sharma	Assistant Professor (Grade-II)	PhD	18/01/2006

Faculty Profile

Jaypee University of Information Technology

Department of_ Computer Science & Engineering and Information Technology

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Rai Mahesh	Kumar	Sinha
Father's Name	R.D.N.		Sinha
Mother's Name			
Date of Birth	(dd/mm/yyyy) 25/10/1945		
Home Address	#373, Sapna Ghar CGHS, Plot 6-B, Sector 11, Dwarka, New Delhi		
City	New Delhi	State	Delhi
Pin Code	110075	Mobile	9816053692
Email	rmk.sinha@juit.ac.in		
PAN No.	AMAPS8370D		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	1973	IIT Kanpur	Computer Science
MTech	1969	IIT Kharagpur	ECE
MScTech	1967	Allahabad Univ (JK Inst)	ECE
BSc	1964	Gorakhpur Univ	Phys,Chem,Maths

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Dean (CSE & IT)	Academic Admin	7/7/2014	To date
JSS Academy of Technical Education, Noida	Dean (Academics)	Academic Admin	15/8/2011	30/6/2014
Mahamaya Technical University, Noida	Hon. Dean (R & D and Planning) and (CS-IS)	Academic Admin	2011	2013

IIT Kanpur	Professor, Head, Asst. Prof,	Teaching, Research & Admin	16/12/1975	30/6/2011
Michigan State University, East Lansing, USA	Visiting Professor	Teaching & Research	1998	1999
Wayne State University, Detroit USA	Visiting Professor	Teaching & Research	1997	1998
INRS (in association with Bell Northern Research) Quebec Canada	Visiting Professor	Research	1984	1986
Asian Institute of Technology Bangkok	Visiting Professor	Teaching & Research	1983	1983
IT, BHU Varanasi	Reader	Teaching & Research	1973	1975
HBTI Kanpur	Asstt. professor	Teaching & Research	1972	1973

List of Publications (with JUIT address only): none after joining JUIT in July 2014

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12
 - d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

<p>Chairman, Project Review Steering Group (PRSG) for 'Testing, Evaluation and Benchmarking of Research and Development Outcomes of all TDIL-DIT Funded Projectssponsored by 'Technology Development for Indian Languages' (TDIL) programme, Department of Information Technology, MCIT, Govt. Of India.</p>	<p>Mrs. Swaran Lata, Director & HoD (TDIL Programme) Department of Electronics and Information Technology (DeitY), MC&IT, Government of India, Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110 003 INDIA</p>		
<p>Member several Project Monitoring and Evaluation Committees (such as E-IL MT, IL_IL MT, OCR, OHMR,Treebank projects)</p>	<p>Mrs. Swaran Lata, Director & HoD (TDIL Programme) Department of Electronics and Information Technology (DeitY), MC&IT, Government of India, Electronics Niketan, 6, CGO Complex, Lodhi Road, New Delhi - 110 003 INDIA</p>		

Faculty Profile

Jaypee University of Information Technology
Department of_CSE

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Satya	Prakash	Ghrera
Father's Name	Gita	Ram	Ghrera
Mother's Name	Sumana		
	(dd/mm/yyyy)		
Date of Birth	27/11/1949		
Home Address	Village Bajhol, Distt Shimla		
City	Shimla	State	H.P
Pin Code	171103	Mobile	+919816146980
Email	sp.ghrera@juit.ac.in		
PAN No.	AGXPG7091A		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
Ph.D.	2012	Jaypee University of Information Technology (JUIT), Wagnaghat, Solan, Himachal Pradesh, INDIA	Computer Science and Engineering
MBA	2004	University of Madras, Madras	HR & IR
M.Engg.[Hons.]	1995	Thapar Institute of Engineering and Technology (now Thapar University), Patiala, Punjab, INDIA.	Computer Science
B.Sc.Engg.	1971	Regional Engg College(Now NIT) Kurukshetra INDIA.	Mechanical

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Professor and HOD	Teaching/Research	04 Jan 2006	To date
Indian Army	Deputy Director General [Brigadier]	Training	08 Feb 2004	30 Nov 2005
Indian Army	GM(Training) Computer and Electronics Engineering [Brigadier]	Training	28 May 2002	07 Feb 2004
Indian Army	Deputy Director General HR [Brigadier]	Training	25 Jun 2001	28 May 2002
Indian Army	Director IT (IT, Simulators and Training Aids) [Colonel]	Training	Dec 1996	Jun 2001
Indian Army	Head of Communication Engg Department - College of Computer Electronics and Mechanical Engineering [Colonel]	Training	Dec 1990	Dec 96
Indian Army	Director Computer Complex - HQ Technical Group, Delhi [Lt Colonel]	Training	Feb 85	Dec 90
Indian Army	Manager Technical Training [Major]	Training	Jul 1971	Feb 85

List of Publications (with JUIT address only)

List of books:-

1. Dr P K Gupta, **Prof. Satya Prakash Ghrera** (2013). Proceedings of 2013 IEEE International Conference on Image Information Processing. USA: IEEE Press. IEEE Catalogue number: CFP1369N-ART [ISBN: 978-1-4673-6099-9] [Google Search](#)

2. Nitin, **Prof Dr Satya Prakash Ghrera** (2012). *Proceedings of 2nd IEEE International Conference on Parallel Distributed and Grid Computing*. USA: IEEE Press. [ISBN: 978-1-4673-2923-1]. [Google Search](#)
3. Prof Dr Rajesh Siddavatam, **Prof. Satya Prakash Ghrera** (2011). *Proceedings of 2011 IEEE International Conference on Image Information Processing*. USA: IEEE Press. IEEE Catalogue number: CFP1169N-ART [ISBN: 978-1-61284-861-7] [Google Search](#)

List of journal and conference publications:-

1. Rathee Geetanjali, Mundra Ankit, Rakesh Nitin , S. P. Ghrera, “Buffered based routing and resiliency approach for WMN”, proceedings of IEEE 2013 International Conference on Human Computer Interactions (ICHCI), IEEE Explore digital library, 23-24 Aug 2013 , DOI: 10.1109/ICHCI-IEEE.2013.6887776
http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6887776&refinements%3D4262615300%2C4262615299%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_IS_Num ber%3A6887766%29
2. Mundra Ankit, Rakesh Nitin, S. P. Ghrera, “Empirical study of online hybrid model for internet frauds prevention and detection”, proceedings of IEEE 2013 International Conference on Human Computer Interactions (ICHCI), IEEE Explore digital library, 23-24 Aug 2013 , DOI: 10.1109/ICHCI-IEEE.2013.6887774
http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6887774&refinements%3D4262615300%2C4262615299%26sortType%3Dasc_p_Sequence%26filter%3DAND%28p_I S_Number%3A6887766%29
3. Mohd Dilshad Ansari, S. P. Ghrera, Vipin Tyagi, “Pixel-Based Image Forgery Detection: A Review “, IETE Journal of Education (Taylor & Francis online) [Volume 55, Issue 1](#), 2014, pp 40-46, 07 Aug 2014 , DOI: 10.1080/09747338.2014.921415,
<http://www.tandfonline.com/doi/abs/10.1080/09747338.2014.921415#tabModule>
4. Ashwani Kumar, S. P. Ghrera, Vipin Tyagi, “ Implementation of Wavelet Based Modified Buyer-Seller Watermarking Protocol (BSWP) “, WSEAS TRANSACTIONS on SIGNAL PROCESSING, E-ISSN: 2224-3488, Volume 10, 2014, pp 212-220
<http://www.wseas.org/multimedia/journals/signal/2014/a025714-226.pdf>
5. Mohit Kumar and S. P. Ghrera, " New Group Key Transfer Protocol using CBU Hash Function " , Indian Journal of Science and Technology, Vol 7(1), 19–24, January 2014
<http://indjst.org/index.php/indjst/article/viewFile/46675/37866>
6. P. Syamala Jayasree, Paru Raj, Pradeep Kumar, Rajesh Siddavatam and S. P. Ghrera, "A Fast Novel Algorithm for Salt and Pepper Image Noise Cancellation using Cardinal B-splines" , SPRINGER International Journal of SIGNAL, IMAGE AND VIDEO

PROCESSING, 2012, Published Online : 30 th August 2012. DOI: 10.1007/s11760-012-0368-3.

<http://www.springerlink.com/content/56n7n043655n8616/>

7. K Shah, SP Ghrera, A Thaker “A novel approach for security issues in VoIP networks in Virtualization with IVR” - Arxiv preprint arXiv:1206.1748, 2012, International Journal of Distributed and Parallel Systems (IJDPS), Vol.3, No.3, May 2012, 219-238
<http://arxiv.org/abs/1206.1748>
<http://airccse.org/journal/ijdps/papers/0512ijdps19.pdf>
8. Anshul Sood, Syamala Jaya Sree P, Rajesh Siddavatam, SP Ghrera, “An Intelligent Recursive Algorithm for 95% Impulse Noise Removal in Grey Scale and Binary Images using Lifting Scheme” in Lecture Notes an Engineering and Computer Science of the Proceedings of World Congress on Engineering and Computer Science 2011(WCECS 2011) 19 Oct – 21 Oct 2011, San Francisco, USA.
http://www.iaeng.org/publication/WCECS2011/WCECS2011_pp67-71.pdf
9. Esha Kumar, S P Ghrera, Shivanka Chugh, “Performance Analysis of RED with different congestion control mechanisms”, Published in the proceedings of International Conference ETNCC 2011 22-24 April 2011.
[http://ieiudr.org/uploads/file/Etncc_Souvenir_Final_Programme\[1\].pdf](http://ieiudr.org/uploads/file/Etncc_Souvenir_Final_Programme[1].pdf)
10. S P Ghrera, “Green Computing”, Published in the online proceedings of 98th Indian Science Congress January 3-7, 2011, SRM University, Chennai
<http://www.isc2011.in/pdf/engineering-sciences.pdf>
11. Rohit Verma, Ravikant Verma, Syamala Jaya Sree P, Pradeep Kumar, Rajesh Siddavatam, SP Ghrera, “ A Fast Progressive Image Transmission Algorithm Using Linear Bivariate Splines” SPRINGER International Journal of Communications in Computer and Information Science ISSN: 1865-0929, IC3 (1) 2010, Contemporary Computing - Third International Conference, IC3 2010, Noida, India, August 9-11, 2010. Proceedings, Part I. Communications in Computer and Information Science 94 Springer 2010, ISBN 978-3-642-14833-0 pp 568-578
http://rd.springer.com/chapter/10.1007/978-3-642-14834-7_53
12. Ravikant Verma, Syamala Jaya Sree P, Pradeep Kumar, Rajesh Siddavatam, SP Ghrera, “An Evolutionary Approach to Image Noise Cancellation Using Adaptive Particle Swarm Optimization (APSO) ” Proceedings of IEEE International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN 2010) 28 Jul - 30 Jul 2010, Liverpool, UK
<http://www.computer.org/portal/web/csdl/doi/10.1109/CICSyN.2010.20>
13. Meenakshi S Arya, Rajesh Siddavatam, S P Ghrera, “A hybrid semi-blind digital image watermarking technique using lifting wavelet transform — Singular value decomposition”

2010 IEEE International Conference on Electro/Information Technology Vol.1 , No. 6
 (2011) Illinois State University Normal, IL, USA, 20 May - 22 May 2010
http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5978552

14. Neetu Singh, S P Ghrera, Pranay Chaudhuri, “Denial of Service Attack:Analysis of Network Anomaly Using Queing Theory”, Published in the online proceedings of JOURNAL OF COMPUTER SCIENCE AND ENGINEERING Vol 1, Issue 1, May 2010
<http://sites.google.com/site/jcseuk/volume-1-issue-1-may-2010>
15. Amit Kumar Singh, Satya Prakash Ghrera, Vipin Tyagi (2010) Biometrics Recognition: An Overview. Indian Science Cruiser, Vol. 24 Iss. 5 pp. 26-31
16. Amit Kumar Singh, S P Ghrera, Amrit Kumar Agrawal, Akshay Dhawan, “Level-2 Feature Extraction and Matching Algorithm Using Fingerprint Image”, Published in the proceedings of INTERNATIONAL JOURNAL ON COMPUTER ENGINEERING AND INFORMATION TECHNOLOGY ISSN 0974-2034 IJCEIT PP 49-53, Vol 22, Issue 01, Dec 09-Feb 2010
<http://www.serc.org.in/admin/pdf/files/6-VOL-22-IJCEIT.pdf>
17. Nitin Rakesh, Piyush Chauhan, Neetu Singh, S.P. Ghrera, “Team Spirit Model using standards for Video Delivery” Published in the proceedings of The National Conference on Recent Dvelopment in Computing and its Application (NCRDCA '09), Jamia Hamdard (Deemed University), New Delhi, pp.90-98,12 Aug- 13 Aug 2009.
<http://books.google.co.in/books?isbn=9380026781...>
18. G Singh, Ajay Kr Singh, Ved P Mishra, Ankita Taneja, S P Ghrera, “ Security Architecture For SDR System Using OTA Download Sequence” published in the proceedings of The SDR08 Technical Conference, Washington DC, 26 Oct-30 Oct 2008,
<http://groups.sdrforum.org/download.php?sid=1059>

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
IEEE International Conference on Image Information Processing	Jaypee University of Information Technology, Shimla, HP	Dec 6-8, 2013	Honorary Chair

International Conference on Parallel, Distributed and Grid Computing	Jaypee University of Information Technology, Shimla, HP	Dec 6-8, 2012	General Chair
International Conference on Image Information Processing	Jaypee University of Information Technology, Shimla, HP	Nov 3-5	General Chair
First International Conference on Parallel, Distributed and Grid Computing	Jaypee University of Information Technology, Shimla, HP	Oct 28-30, 2010	Organising Co Chair
IAENG World Congress in Computer Science	University of California Berkley, California	Oct 19-21, 2011	Session - Chair

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Name: Deepak Dahiya

Designation: Professor

Date of Joining: 31-07-2009

Name of Department: Computer Science & Engineering

Experience (In years) 21 Teaching: 15
Research:10

Employment History:

Designation	University/Institution	Year
Professor	JUIT Waknaghat	2009 – Till Date
Professor	ITM University Gurgaon	2007 - 2009
Faculty	Majan University College, Muscat, Oman	2004 - 2007
Associate Professor	IILM Delhi	2002 - 2004
Software Consultant	Computech Inc., US	2001 - 2002
Senior Project Leader	<i>Pipal Softwares Limited, Delhi, India</i>	2000 - 2001
Assistant Professor	College of Advanced Software Engineering, Delhi, India (CASE – ITIL)	1998 - 2000
Assistant Professor	ITS Ghaziabad	1997 - 1998
Lecturer	Chowgule College, Goa	1994 - 1996

Educational Background:

Degree	Year	University/Institution	Field/Area
PhD	2007	BITS Pilani	Computer Science
M.S.	1996	BITS Pilani	Computer Science
M.C.A	1993	Goa University	Computer Science
B.Sc (Physics)	1990	Goa University	Physics

Subjects Taught:

- **PhD / MTech / BTech**

Programming in C, Operating Systems (with Linux / Unix), Data Warehousing & Data Mining, Database Management Systems, Object Oriented Programming (using C++ and Java), Data Structures (using C and Java), Software Testing, Software Engineering with Project, Object Oriented Analysis and Design (using UML and CASE Tools), Advanced Software Engineering, Technology Project, Enterprise Systems Development (using Java Technologies), Big Data Analytics and Software Agents.

Research Interests:

Software Engineering: Enterprise Systems Development, Software Architecture & Frameworks, Model Driven Architecture, Service Oriented Architecture, Aspect Oriented Programming, Agile Methodology, Software Agents, Big Data, Cloud Computing & Software Engineering Education

Awards and recognition received: N / A

Number of National/International Seminars/Conferences/Workshops Attended: 12

Number of National/International Seminars/Conferences/Workshops Organized: 01

Number of PhD thesis guided: 02

Number of Publications: 55

Journals:11

Conference Proceedings: 44

Papers presented in Seminars: / A

Books: N / A

Publication Details (Last 5 years):

Sr .	Author(s)	Title	Journal/Conference Name	Year	Citation Index	Impact Factor
	Deepak Dahiya	Teaching Software Engineering: A Practical Approach	Journal of Convergence Information Technology	2010		
	Pawan Kumar Verma	Enterprise Systems Development: Impact of Aspect Oriented	22 nd International Conference on	2010		

	and Deepak Dahiya	Software Architecture	Software Engineering and Knowledge Engineering			
	Deepak Dahiya and Pooja Jain	Enterprise Systems Development: Impact of Knowledge Management on Software Development Methodologies	International Journal of Advancements in Computing Technology (IJACT), Vol. 2, No. 4, October 2010	20 10		
	Rajni Mohan a and Deepak Dahiya	Secure Content based Dissemination of XML Content Inspired by DNA Cryptography	the Journal of Computing and Information Technology (CIT), Vol. 21, No. 2	20 13		
	Komal Mahajan, Ansuyi a Makroo and Deepak Dahiya	Round Robin with Server Affinity: A VM load balancing Algorithm for cloud based infrastructure	International Journal of Information Processing Systems (JIPS), Vol. 9, Issue 3	20 13		
	Komal Mahajan and Deepak Dahiya	A cloud based deployment framework for load balancing policies	7th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida, India,	20 14		

Faculty Profile

Jaypee University of Information Technology

Department of CSE and IT

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Dr. Nitin		
Father's Name	Mr. Hari Chand		
Mother's Name	Mrs. Savitri		
	(dd/mm/yyyy)		
Date of Birth	06/10/1978		
Home Address	Malviya Bhawan, C-2/5, Jaypee University of Information Technology		
City	Solan	State	Himachal Pradesh
Pin Code	173234	Mobile	9816539093
Email	delnيتين@juit.ac.in		
PAN No.	ADJPN9494K		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
D.Sc.	2010-2013	Uttarakhand Technical University (UTU) Dissertation: "On Solutions for the Problems in Interconnection Networks and Networks-on-Chip".	Computer Science and Engineering
Ph.D.	2005-2008	Jaypee University of Information Technology (JUIT), Wagnaghat, Solan, Himachal Pradesh, INDIA Course Work: August 2006-May 2007, Passed 4 Courses offered through EDGE (Electronic Delivery of Gator Education) Programme by Department of CISE, University of Florida (UF), Gainesville, Florida, USA. Passed with CGPA of 3.16/4. Best three subjects CGPA is 3.55/4. Research Work: July 2005-July 2008, Jaypee University of Information Technology.	Computer Science and Engineering

		<p>Dissertation: “A New Approach to Stable Matching and Networks-on-Chip Problem”.</p> <p>Advisor: Professor Durg Singh Chauhan, Former Member: UGC (New Delhi), Former Vice Chancellor: UPTU (Uttar Pradesh), JUIT (Himachal Pradesh), UTU (Uttarakhand). Currently General Secretary: AIU and Vice Chancellor, GLA University (Uttar Pradesh), INDIA.</p>	
M.Engg.	2001-2003	<p>Thapar Institute of Engineering and Technology (now Thapar University), Patiala, Punjab, INDIA. Passed with CGPA of 7.79/10.</p> <p>Dissertation: “On a Fault-tolerant Hybrid ZETA Multistage Interconnection Network”.</p> <p>Advisor: Professor Pawan Kumar Bansal, Former HOD and Professor of Department of Electronics and Communication and Engineering, Thapar University, Patiala, Punjab, INDIA.</p>	Software Engineering
B.Engg.	1997-2001	<p>Dr. B.R. Ambedkar University, Agra, INDIA. Passed with Percentage of 81.5/100.</p>	Computer Science and Engineering [Hons.]

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
Jaypee University of Information Technology, Wahnaghat, Solan-173234, Himachal Pradesh, INDIA.	Associate Professor	Teaching and Research	July 2011	Present

College of Information Science and Technology, The Peter Kiewit Institute, University of Nebraska at 1110 South 67th Street, South Omaha, NE 68182-0116, United States of America.	First Tier Bank Professor (Distinguished Adjunct Professor)	Teaching and Research	December 2010	May 2011
College of Information Science and Technology, The Peter Kiewit Institute, University of Nebraska at 1110 South 67th Street, South Omaha, NE 68182-0116, United States of America.	Visiting Professor	Teaching and Research	August 2010	November 2010
Jaypee University of Information Technology, Wagnaghat, Solan-173234, Himachal Pradesh, INDIA.	Assistant Professor	Teaching and Research	September 2008	June 2011
Jaypee University of Information Technology, Wagnaghat, Solan-173234, Himachal Pradesh, INDIA.	Senior Lecturer	Teaching and Research	July 2005	August 2008
Jaypee University of Information Technology, Wagnaghat, Solan-173234, Himachal Pradesh, INDIA.	Lecturer	Teaching and Research	July 2003	June 2005
Apeejay Institute of Technology, Greater Noida, Uttar Pradesh, INDIA.	Lecturer	Teaching and Research	February 2003	June 2003
Thapar Institute of Engineering and Technology (now Thapar University), Patiala, Punjab, INDIA.	Graduate Teaching Assistant	Teaching and Research	July 2001	December 2002

List of Publications (with JUIT address only)

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NIL							

Faculty Interaction with Outside World

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NIL			

Faculty Profile

Jaypee University of Information Technology

Department of COMPUTER SCIENCE AND ENGINEERING

General Information

	First Name	Middle Name	Last Name
Name of Faculty	PRADEEP	KUMAR	GUPTA
Father's Name	DHANIPAL	GUPTA	
Mother's Name	USHA	GUPTA	
Date of Birth	(dd/mm/yyyy)		
	18/04/1978		
Home Address	BAWRA ROAD, SURYA KIRAN COLONY, CHAMBAGHAT		
	City	State	Pin Code
	SOLAN	HP	173212
Mobile	9218825208	Email	pradeepkumar.gupta@juit.ac.in
PAN No	AFOPG8552N		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
Ph.D.	2012	JAYPEE UNIVERSITY OF IT	COMPUTER SCIENCE AND ENGINEERING
M.E	2001	VLADIMIR STATE UNIVERSITY, RUSSIA	INFORMATICS AND COMPUTER ENGINEERING
B.E.	1999	VLADIMIR STATE UNIVERSITY, RUSSIA	INFORMATICS AND COMPUTER ENGINEERING

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Sr. Lecturer	Involved in all academic and student related activities.	12/07/2008	14/05/2013
	Assistant Professor (Sr. Grade)	Organizing Conferences. Also working as a Coordinator for M.Tech Degree Program	15/05/2013	Till now
RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY, GHAZIABAD	ASSISTANT PROFESSOR	Involved in all academic related activities, Student Counsellor, System Manager, Asstt. Controller of examination, UPTU observer and Flying Squad group leader, Center Controller for UPSEAT, UPTU Examiner (Theory & Practical), Organizing technical fest etc...	01/06/2005	30/06/2008
B.I.T MUZAFFARNAGAR	SR. LECTURER	Involved in academic activities, faculty in-charge, academic in-charge, UPTU observer and Flying Squad group leader, UPTU Examiner (Theory & Practical),	10/08/2002	31/05/2005
SOM UNTERNATIONAL LTD.	TECHNICAL SUPPORT ENGINEER	Provided Technical support to their networks and was also responsible for managing their databases.	01/01/2002	31/07/2002
M/S. 'KANT' COMPUTERS LTD.	NETWORK ADMINISTRATOR	Managed Users account and Security for	01/04/2000	31/05/2001

		network. Implemented Ether LANs/WANs and routers. Configured and installed many Proxy Servers under different platforms like Linux, WinNT/2000 and in Unix (FreeBSD).		
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List of Publications (with JUIT address only)

Book Publication:

1. P.K. Gupta and [Satya Prakash Ghrera](#) (2013). Proc. of 2013 IEEE Second International Conference on Image Information Processing (ICIIP 2013). USA, IEEE Press. [ISBN : 978-1-4673-6099-9].

Paper Publication (Journal)

- [1] P. K. Gupta, Anandita Singh Thakur. "Framework to Improve Data Integrity in Multi Cloud Environment," *International Journal of Computer Applications* 87(10):28-32, February 2014. Published by Foundation of Computer Science, New York, USA. (DOI: 10.5120/15245-3788)
- [2] Sanjiv Kumar, P. K. Gupta, G. Singh, and D. S. Chauhan, "Performance Comparison of Various Diversity Techniques using Matlab Simulation," *IJITCS*, vol.5, no.11, pp.54-61, 2013. (DOI: 10.5815/ijitcs.2013.11.06)
- [3] Sanjiv Kumar, P. K. Gupta, G. Singh, and D. S. Chauhan, "Performance Analysis of Rayleigh and Rician Fading Channel Models using Matlab Simulation," *International Journal of Intelligent Systems and Applications*, vol. 5, no. 9, pp. 94-102, 2013. (DOI: 10.5815/ijisa.2013.09.11)
- [4] Kuwar Pratap Singh, P. K. Gupta, and G.Singh, "Performance Evaluation of Enhanced Interior Gateway Routing Protocol in IPv6 Network," *International Journal of Computer Applications*, vol. 70, no. 5, pp.42-47, 2013. (DOI : 10.5120/11962-7802)
- [5] P.K. Gupta and G Singh, "Energy-Sustainable Framework and Performance Analysis of Power Scheme for Operating Systems: A Tool," *International Journal of Intelligent Systems and Applications*, vol. 5, no. 1, pp. 1 – 15, Jan 2013. (DOI: 10.5815/ijisa.2013.01.01)
- [6] P. K. Gupta and G Singh, "Energy-sustainable snapshot algorithm for operating systems to minimize power consumption," *Elsevier Journal of Sustainable Computing: Informatics and Systems*, 2012. (Under revision)

- [7] P. K. Gupta and G Singh, "Minimizing power consumption by personal computers: a technical survey," *International Journal of Information Technology and Computer Science*, vol. 4, no. 10, pp. 57- 66, 2012. (DOI: 10.5815/ijitcs.2012.10.07)
- [8] P. K. Gupta and S. Patel, "Drift Analysis of Backlogged Packets in Slotted ALOHA," *International Journal of machine Learning and Computing – IJMLC*, vol. 2, no. 4, pp. 415-418, 2012. (DOI: 10.7763/IJMLC)
- [9] P. K. Gupta and G Singh, "A framework of creating intelligent power profiles in operating systems to minimize power consumption and greenhouse effect caused by computer systems," *Journal of Green Engineering*, vol. 1, no. 2, pp. 145 – 163, 2011. (ISSN (Online): 2245-4586)
- [10] P. K. Gupta, Sanjeev Patel, Arjun Garg, Prateek Mehrotra and Manish Chhabra, "Comparative Analysis of Congestion control Algorithms using NS-2", *IJCSI International Journal of Computer Sciences Issues*, Vol. 8, Issue 5, No 1, pp 89 – 94, September 2011. (ISSN (Online): 1694-0814)
- [11] P. K. Gupta, Pardeep Kumar, Manoj Diwakar and Vivek kumar Sehgal, "Effective Ways of Secure, Private, and Trusted Cloud Computing", *International Journal of Computer Sciences Issues*, Vol. 8, Issue 3, May2011. (ISSN (Online): 1694-0814)

Paper Publication (Conferences)

- [1] P. K. Gupta, Poonam Rana, and Rajesh Siddavatam, "Combined and Improved Framework of Infrastructure as a Service and Platform as a Service in Cloud Computing," *Proc. of the Second International conference on soft computing for problem solving (SocPros 2012)*, Springer, Advances in Intelligent Systems and Computing, vol. 236, pp. 831-839, 2014. (DOI: 10.1007/978-81-322-1602-5_88)
- [2] P. K. Gupta and G Singh, "User centric framework of power schemes for minimizing energy consumption by computer systems," *IEEE International Conference on Radar, Communication and Computing, (ICRCC-12)*, Chennai, India, Dec. 2012. (DOI: 10.1109/ICRCC.2012.6450546)
- [3] P.K. Gupta, Kapil Kumar, and Roshan Parjapat, "New Mutants Generation for Testing Java Programs", Proc. by Springer-Verlag, *Second International Conference on Advances in Communication, Network, and Computing – CNC 2011*, pp. 290-294 India, Mar-2011. (DOI: 10.1007/978-3-642-19542-6_50)
- [4] P. K. Gupta, Kapil Kumar, and Diwakar Upadhyay, "Change-Oriented Adaptive Software Engineering By Using Agile Methodology: CFDD", *Proc. of IEEE International Conference on Network and Computer Science (ICNCS 2011)*, India, Apr-2011. (DOI: 10.1109/ICECTECH.2011.5941947)
- [5] P.K. Gupta, Mayank Singh, Shailendra Mishra, "Automated Test Data Generation for Mutation Testing Using AspectJ Programs" *Proc. of IEEE International conference on Image*

Information Processing (ICIIP – 2011), pp 1-5, India, Nov – 2011. (DOI : 10.1109/ICIIP.2011.6108854)

- [6] P.K. Gupta, G. M. Roy, S. K. Saurabh, and N. M. Upadhyay, "Creation of virtual node, virtual link and managing them in network virtualization." In *IEEE World Congress on Information and Communication Technologies (WICT) 2011*, pp. 738-742, 2011. (DOI: 10.1109/WICT.2011.6141338)
- [7] P.K. Gupta, Mayank Saini, Dharmendar Sharma, "Enhancing Information Retrieval Efficiency, Using Semantic based Combined Similarity Measure", *Proc. of IEEE International conference on Image Information Processing (ICIIP – 2011)*, pp 1-4, India, Nov – 2011. (DOI: 10.1109/ICIIP.2011.6108982)
- [8] P. K. Gupta and Pardeep Kumar, "Secure Storage Multi-Tenancy and Measuring ROI for Cloud Computing", *Proc. of 98th Indian Science Congress*, pp 98, Chennai, India, Jan 2011.
- [9] Utkarsh Shukla and P. K. Gupta "Smart Web Crawling Agent", *Proc. of 98th Indian Science Congress*, pp 96, Chennai, India, Jan 2011.
- [10] **Pradeep Kr. Gupta, Sanjeev Patel, Kishan Chetry, Abhishek Nayan and Yadap Suberi** "Performance Comparison of Drop-tail queue and Stochastic fairness queue", *Proc. of the 12th International Symposium on Wireless Personal Multimedia Communications (WPMC'09)*, Japan, 2009.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Workshop on Mobile Computing	Viswakarma Institute of Technology, Pune	June 21 – 25, 2010 FIVE DAYS	Participant
Workshop on Wireless Sensor Networks	JUIT, Solan	5 th – 9 th Jul 2011	Participant
FDP on in Teaching, Research & Education – by Design	JUIT, Sola	14/07/2014 19/07/2014	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
NIL			

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Publications	Prof. Vinay K Arora	Wilkes University, USA	
Projects	Prof. Filip Sroubek	Czech University, Czech republic	
Publications	Prof. Bob Fisher	Edinburgh University, UL	

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Dr Pardeep		Kumar
Father's Name	Shri Raj Pal		
Mother's Name	Shri mati Jogindndro		Devi
	(dd/mm/yyyy)		
Date of Birth	06/06/1982		
Home Address	Village: Nalvi Khurad,P.O: Kunjpura		
City	Karnal	State	Haryana
Pin Code	132001	Mobile	9805438991
Email	Pardeep.kumar@juit.ac.in		
PAN No.	AWSPK7403R		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	Nov. 2012	Uttarakhand Technical University, dehradun	Computer Science & Engineering
M.Tech.	May 2007	Guru Jambheshwar University of Science & Technology, Hisaar	Computer Science & Engineering
B.Tech.	June 2004	Kurukshetra University, Kurukshetra	Information Technology

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	AP(SG)	Teaching	01/12/2012	To date
JUIT Waknaghat	Senior Lecturer	Teaching	01/01/2011	31/11/2012
JUIT Waknaghat	Lecturer	Teaching	15/07/2008	31/12,2010

MUTS, Laxmangarh, Sikar(Raj.)	Lecturer	Teaching	30/06/2007	08/07/2008
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List of Publications (with JUIT address only)

4. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
5. List the journal and conference publications in separate lists.
6. Starting from the most recent, list them year wise for academic years (July-June)

2013-14

1. INVITED SPEAKER/TALKS/LECTURES

Year	Topic
Mar 2014	Invited as Keynote Speaker on Data Mining and its application in Real Life in CSI Sponsored 3 rd International Conference on Evolution in Science & Technology, Hisar during March 08-09, 2014

Journal Publication

1. P. Kumar, K. Kalyani, E. Gupta, G. Rathi and D.S. Chauhan, Mood Swing Analyzer: A Dynamic Sentiment Detection Approach, Proceedings of the National Academy of Sciences, India Section A: Physical Sciences , Springer (Accepted May 2014)
2. P. Kumar, S. Mahajan, P. Srivatava, K. Sharma and P.Kaur, A Novel Ant Colony Optimization Based Intelligent Routing Algorithm, International Journal of Information & Computation Technology, ISSN 0974-2239 Volume 4, Number 17 (2014), pp. 1771-1782

Conference Publication

1. P. Kumar, A. Mundra, A. Soni, S. K. Sharma and D.S. Chauhan, Decision Support System for Determining Right Education Career Choice, Procedia Technology , Elsevier (2014- Accepted)
2. P. Kumar, A. Patrick, L. Rajpoot, M. Chawla, G. Singh and D.S. Chauhan, A Neural Network Based Intrusion Detection System for Pervasive Computing Environment, Procedia Technology , Elsevier (2014- Accepted)
3. P. Kumar, M. Sharma and A. Kansal, Artificial Bee Colony Algorithm for Task Division Among Different Data Centers in Cloud Computing, Procedia Technology , Elsevier (2014- Accepted)

4. P. Kumar, M. Sharma, P. Gangwar, A.S. Thakur and D.S. Chauhan, Hidden Markov Model based Intrusion Detection System in Cloud Computing Environment, *Procedia Technology*, Elsevier (2014- Accepted)
5. P. Kumar, M. Diwakar, P. Sharma and S. Swarankar, Image Security Using Cellular Automata Rules, *Advances in Intelligent Systems and Computing*, Springer, 258, 2014, 403-412

2012-13

1. INVITED SPEAKER/TALKS/LECTURES

Year	Topic
May 2013	Delivered an Expert Lecture on Data Mining and Decision Support Systems in Faculty Development Program at Baddi University of Emerging Sciences & Technology, Baddi, Solan (H.P.) on 21 st May 2013.

Journal Publication

1. P. Kumar, Nitin, V. K. Sehgal and D. S. Chauhan, A benchmark to select data mining based classification algorithms for business intelligence and decision support systems, *International Journal of Data Mining and Knowledge Management Process*, IJDKP: 2(5) (September 2012) 25-42, ISSN 2230-9608.

Conference Publication

1. P. Kumar, V. K. Sehgal, Nitin and D. S. Chauhan, Performance evaluation of evolutionary and artificial neural network based classifiers in diversity of datasets, *Advances in Intelligent and Soft Computing*, Springer, 166, 2012, 673-682.

2. P. Kumar, V. K. Sehgal, Nitin and D. S. Chauhan, Performance evaluation of evolutionary and decision tree based classifiers in diversity of datasets, *Advances in Communication, Network, and Computing*, Springer, 108, 2012, 309-312

3. P. Kumar, Nitin, V. K. Sehgal, P. Kumar, Nitin, V. K. Sehgal and D.S. Chauhan, Selection of evolutionary approach based hybrid data mining algorithms for decision support systems and business intelligence, in: *Proceedings of the International Conference on Advances in Computing, Communications and Informatics*, 2012, 1041-1046, ACM

2011-12

Journal Publication

1.. P. Kumar, V. K. Sehgal and D. S. Chauhan, Knowledge discovery in databases (KDD) with images: A novel approach toward image mining and processing, International Journal of Computer Applications, IJCA: 27 (6) (August 2011) 10-13, ISSN 0975-8887.

Conference Publication

P. Kumar, Nitin, V. K. Sehgal and D. S. Chauhan, Performance evaluation of decision tree versus artificial neural network based classifiers in diversity of datasets, in: Proceedings of the IEEE World Congress on Information and Communication Technologies, December 2011, pp. 798-803.

P. Kumar, Nitin, V. K. Sehgal, D. S. Chauhan, K. Shah and S. S. P. Shukla, A novel approach for security in cloud computing using hidden markov model and clustering, in: Proceedings of the IEEE World Congress on Information and Communication Technologies, December 2011, pp. 810-815

Upto June 2011

Journal Publication

1. P. Kumar, V.K. Sehgal, D.S. Chauhan, P.K. Gupta and M. Diwakar, Effective Ways of Secure, Private and Trusted Cloud Computing, IJCSI: 8(3), (May 2011), 412-421, ISSN 1694-0814

Conference Publication

1. P. Kumar and P. K. Gupta, Secure Storage Multi-Tenancy and Measuring ROI for Cloud Computing, in : Proceedings of the 98th Indian Science Congress Conducted under the Agies of- Department of Science and Technology, Government of India, SRM University, Chennai, 3-7 January, 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Excellence in Teaching, Research & Education - by Design	Jaypee University of Information Technology, Wagnaghat	14 th -19 th July, 2014	Participant
A Workshop on Cloud Computing	Jaypee University of Information Technology, Wagnaghat and Technion - Israel Institute of Technology	8th April, 2013	Participant
A workshop on Effective Teaching	Indo-US engineering faculty Leadership Institute	1st – 6th June, 2012	Participant
A workshop on Data Mining and Parallel Computing	jointly organized by Jaypee University of Information Technology Wagnaghat, Solan, Himachal Pradesh-India and University of Florida	2nd -5th August, 2011	Participant
Selected Topics in Distributed Systems and Computer Security	IUCEE (Indo-US Collaboration for Engineering Education) Faculty Leadership Institute	30 th May – 3 rd June, 2011	Participant
workshop on Data Mining	IUCEE (Indo-US Collaboration for Engineering Education) Faculty Leadership Institute	12th - 16th July, 2010	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights) NA

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work NA

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Joint Publications	Prof. Durg Singh Chauhan	GLA University, Mathura	GLA University, Mathura

Faculty Profile

Jaypee University of Information Technology

Department of_

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Pooja		Jain
Father's Name	Sushil	Chandra	Jain
Mother's Name	Sunita		Jain
	(dd/mm/yyyy)		
Date of Birth	17/09/1980		
Home Address	C3/1 JUIT Campus, Wagnaghat, Solan, HP		
City	Solan	State	HP
Pin Code	173215	Mobile	9318828066
Email	Pooja.jain@juit.ac.in		
PAN No.	AGLPJ2304B		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2013	JUIT	Computer Science
Mtech	2005	IIT Allahabad	Computer Science(Intelligent Systems)
Btech	2003	RGPV Bhopal	Computer Science

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor	Faculty	17/08/2009	To date
CSC	Software Engineer	IT	02/06/2007	11/08/2007
JiIT	Lecturer	Faculty	22/03/2007	30/05/2007
IBM India	Software Engineer	IT	21/07/2005	21/03/2007

List of Publications (with JUIT address only)

7. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
8. List the journal and conference publications in separate lists.

Journals

1. **Pooja Jain, Deepak Dahiya** (2013). Knowledgeable Multi-Agent System for E-Commerce (KMASE) using Fuzzy C-Means Clustering and Case Based Reasoning. *International Journal of Computers and Their Applications (IJCA)*, 20 (2), 111-126. Google Citation
2. **Pooja Jain, Deepak Dahiya** (2013). Knowledgeable multi agent system for E-Commerce (KMASE) using fuzzy C-Means clustering and case based reasoning. *International Journal of Computers and Their Applications (IJCA)*, 20 (2), 111-126. Google Citation
3. **Pooja Jain, Deepak Dahiya** (2012). An Architecture of a Multi Agent Enterprise Knowledge Management System Based on Service Oriented Architecture. *International Journal of Computer Science*, 9 (2), 395-404. Google Citation
4. **Pooja Jain, Deepak Dahiya** (2011). Knowledge Management System Design using Extended Gaia. *International Journal of Computer Networks & Communications*, 3 (1), 140-152. Google Citation
5. **Deepak Dahiya, Pooja Jain** (2010). Enterprise Systems Development: Impact of Various Software Development Methodologies. *International Journal of Advancements in Computing Technology*, 2 (4), 77-87. Google Citation

Conference(s) :

1. **Deepak Dahiya, Mohit Gupta, Pooja Jain** (2012). Enterprise Knowledge Management System: A Multi Agent Perspective. *Proceedings of the International Conference on Information Systems, Technology and Management* [6 : Grenoble, France : 28-30 March, 2012], pp.271-281.. Google Citation
2. **Pooja Jain, Deepak Dahiya** (2012). An Intelligent Multi Agent Framework for E-commerce using Case Based Reasoning and Argumentation For Negotiation. *Proceedings of the International Conference on Information Systems and Information Technology* [6th : France :], pp.164-175..Google Citation
3. **Pooja Jain, Deepak Dahiya** (2011). Architecture of a Library Management System Using Gaia Extended for Multi Agent Systems. *Proceedings of the International Conference Information Intelligence, Systems, Technology and Management* [5 : Gurgaon, India : March 10-12, 2011], pp.340-349.. Google Citation
4. **Pooja Jain, Deepak Dahiya** (2010). A multi agent knowledge management system architecture for the IT industry. *Proceedings of the Real-Time and Embedded Systems* [Singapore :], pp.-.. Google Citation
5. P.K. Verma, **Deepak Dahiya, Pooja Jain** (2010). Using aspect oriented software architecture for enterprise systems development. *Proceedings of the International Conference on Digital Information Management* [5 : USA : 5-8 July, 2010], pp.448-453.. Google Citation

9. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12
 - d. Upto June 2011

2013-14

1. **Pooja Jain, Deepak Dahiya** (2013). Knowledgeable Multi-Agent System for E-Commerce (KMASE) using Fuzzy C-Means Clustering and Case Based Reasoning. *International Journal of Computers and Their Applications (IJCA)*, 20 (2), 111-126. Google Citation
2. **Pooja Jain, Deepak Dahiya** (2013). Knowledgeable multi agent system for E-Commerce (KMASE) using fuzzy C-Means clustering and case based reasoning. *International Journal of Computers and Their Applications (IJCA)*, 20 (2), 111-126. Google Citation

2012-13

1. **Deepak Dahiya, Mohit Gupta, Pooja Jain** (2012). Enterprise Knowledge Management System: A Multi Agent Perspective. *Proceedings of the International Conference on Information Systems, Technology and Management* [6 : Grenoble, France : 28-30 March, 2012], pp.271-281.. Google Citation
2. **Pooja Jain, Deepak Dahiya** (2012). An Intelligent Multi Agent Framework for E-commerce using Case Based Reasoning and Argumentation For Negotiation. *Proceedings of the International Conference on Information Systems and Information Technology* [6th : France :], pp.164-175..Google Citation
3. **Pooja Jain, Deepak Dahiya** (2012). An Architecture of a Multi Agent Enterprise Knowledge Management System Based on Service Oriented Architecture. *International Journal of Computer Science*, 9 (2), 395-404. Google Citation

2011-12

1. **Pooja Jain, Deepak Dahiya** (2011). Knowledge Management System Design using Extended Gaia. *International Journal of Computer Networks & Communications*, 3(1), 140-152. Google Citation
2. **Pooja Jain, Deepak Dahiya** (2011). Architecture of a Library Management System Using Gaia Extended for Multi Agent Systems. *Proceedings of the International Conference Information Intelligence, Systems, Technology and Management* [5 : Gurgaon, India : March 10-12, 2011], pp.340-349.. Google Citation

Upto June 2011

1. **Pooja Jain, Deepak Dahiya** (2010). A multi agent knowledge management system architecture for the IT industry. *Proceedings of the Real-Time and Embedded Systems* [Singapore :], pp.-.. Google Citation
2. P.K. Verma, **Deepak Dahiya, Pooja Jain** (2010). Using aspect oriented software architecture for enterprise systems development. *Proceedings of the International Conference on Digital Information Management* [5 : USA : 5-8 July, 2010], pp.448-453.. Google Citation
3. **Deepak Dahiya, Pooja Jain** (2010). Enterprise Systems Development: Impact of Various Software Development Methodologies. *International Journal of Advancements in Computing Technology*, 2 (4), 77-87. Google Citation

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of_ Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Rajni		Mohana
Father's Name	Ramesh	Chander	Mohana
Mother's Name	Darshana		Mohana
	(dd/mm/yyyy)		
Date of Birth	21/03/1982		
Home Address	#678,3B1,Mohali		
City	Mohali	State	Punjab
Pin Code		Mobile	07832022525
Email	Rajni.mohana@juit.ac.in		
PAN No.	BKGPK7803N		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2013	JUIT,Wakhnaghat	Service Oriented Architecture
M.Tech	2009	PTU Jalandhar	CSE
B.Tech	2003	MITS,Rayagada	CSE

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant Professor(Senior Grade)		18.05.2010	To date
Rayat and Bahra Institute of engineering and Biotechnology	Senior Leturer		02.12.2006	02.03.2010
College of Engineering & Mangaement, Kapurthala	Lecturer		02.08.2006	02.08.2004

List of Publications (with JUIT address only)

Article Publication in International Conferences (Published)

- Rajni Mohana and Deepak Dahiya. “An Optimized Business Service Directory for the ESB Platform in SOA”. Paper published in the International Journal of Computer Networks and Communications (IJCNC), Vol. 4, No. 5, September 2012, India (ISSN 0975 – 2293), pp. 165 - 186.
- Rajni Mohana and Deepak Dahiya. “*Secure Content based Dissemination of XML Content Inspired by DNA Cryptography*”. Paper published in the Journal of Computing and Information Technology (CIT), Vol. 21, No. 2, University of Zagreb, Croatia (ISSN 1330-1136), pp. 1 - 14.
- Rajni Mohana and Deepak Dahiya. “A Proposed SOAP Model Against Wrapping Attacks and Insecure Conversation”. Paper published in the International Journal of Computer Science Issues (IJCSI), Vol. 10, Issue 2, No 3, March 2013, (ISSN: 1694-0814), pp. 151 - 156.
- Rajni Mohana and Deepak Dahiya. “Approach and Impact of a Protocol for Selection of Service in Web Service Platform ” Paper published in the ACM SIGSOFT Software Engineering Notes (SEN), USA, Vol. 37, No. 1, January 2012, pp. 1 - 6.
- Rajni Mohana and Deepak Dahiya. “Optimized Service Discovery using QoS based Ranking: A Fuzzy Clustering and Particle Swarm Optimization Approach,” Paper published in the IEEE Proceedings of the 35th IEEE Computer Software and Applications Conference, Munich, Germany (IEEE COMPSAC 2011), pp. 452 – 457.
- Rajni Mohana and Deepak Dahiya, “Designing QoS based Service discovery as a Fuzzy Expert System”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 4th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida, India, (IC3 2011), pp. 533 - 534.
- Atul Saurabh, Deepak Dahiya and Rajni Mohana, “Maximizing Automatic Code Generation: Using XML Based MDA”. Paper published in the Springer Series in Communications in Computer and Information Science (CCIS) of the 5th International Conference on Contemporary Computing, Jaypee Institute of Information Technology, Noida, India, (IC3 2012), pp. 283 - 293.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology
Department of Computer Science and Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Yashwant		Singh
Father's Name	Sher		Singh
Mother's Name	Chananu		Devi
	(dd/mm/yyyy)		
Date of Birth	23/05/1981		
Home Address	Gandhi Niwas, Pawan Vihar, Solan		
City	Solan	State	HP
Pin Code	173212	Mobile	9418203623
Email	yashwant.singh@juit.ac.in		
PAN No.	BMKPS9236D		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2011	Himachal Pradesh University Shimla	Computer Science/Software Engineering
M.E.	2006	Punjab Engineering College, Chandigarh	Computer Integrated Manufacturing/Software Engineering
B.E.	2004	Punjab Technical University, Jalandhar	Computer Science and Engineering
Diploma	2000	Himachal Pradesh Takniki Shiksha Board	Computer Engineering

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant Professor (Senior Grade)	Teaching and Research	01/08/2011	To date
JUIT Waknaghat	Sr Lecturer	Teaching and Research	01/08/2010	31/07/2011

JUIT Waknaghat	Lecturer	Teaching and Research	01/01/2008	31/07/2010
Akal College of Engineering and Technology, Baru Sahib	Lecturer	Teaching	01/08/2007	31/12/2007
Institute of Engineering and Emerging Technology, Badi	Lecturer	Teaching	01/08/2006	31/07/2007

July-June (2013-2014)

Book Chapter(s):

- Yashwant Singh and Manu Sood. "Transformation of Platform-Independent Model into Platform-Specific Model in Model-Driven Architecture." *Uncovering Essential Software Artifacts through Business Process Archeology*. IGI Global, 2014. 88-113. Web. 7 Feb. 2014. doi:10.4018/978-1-4666-4667-4.ch004 (2014)

International Journal(s)

- Yashwant Singh and Urvashi Chugh, "Mutual Exclusive Clustering (MEDC) Protocol for Wireless Sensor Networks", *International Journal of Sensors, Wireless Communications and Control*, Bentham Science Publishers, Vol. 3 No. 2, pp. 101-107, 2014, DOI: [10.2174/221032790302140505100253](https://doi.org/10.2174/221032790302140505100253). (2014)
- Yashwant Singh, Vandana Mohindru and Pawan Kumar Gangwar, "Remote System Monitor for Linux [RSML]: A perspective", *International Journal of Modern Computer Science and Applications (IJMCSA)*, Vol. 1 Issue 4, September 2013. pp. 8-13, ISSN: 2321-2632. (2013)
- Chhavi Gupta, Rashmi Sharma, Neha Agarwal and Yashwant Singh, "Fault Tolerant Event Detection in Distributed WSN via Pivotal Messaging", *International Journal of Computer and Technology*, Vol .7, No. 1, June 2013, pp. 463-472. (2013)

International Conference(s)

- Yashwant Singh, Pawan Kumar Gangwar and Vandana Mohindru, "Heterogeneous Sensor Networks for Target Detection: A WMSN Perspective", In *Proceeding of ELSEVIER ERCICA*, Aug 1-2, 2014, Bangalore, India. (Accepted) (2014)
- Yashwant Singh, Pawan Kumar Gangwar and Vandana Mohindru, "An Energy Efficient Zone based Clustering Approach for Target Detection in Wireless Sensor Networks", In

Proceeding of IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May 9-11, 2014, Jaipur, India. (2014)

July-June(2012-2013)

International Journal(s)

- Yashwant Singh, Ankur Nadda and Sahil Gupta, “ Data Fusion in Wireless Sensor Networks: A Perspective”, International Journal on Information and Communication technologies (IJICT), serial Publication Delhi, Volume 6 No.1-2, pp.54-77, March 2013. ISSN: 0973-5836. (2013)

International Conference(s)

- Yashwant Singh, Suman Saha, Urvashi Chugh and Chhavi Gupta, “Distributed Event Detection in Wireless Sensor Networks for Forest Fires”, IEEE UKSim-AMSS 15th International Conference on Modelling and Simulation, Cambridge University, Emmanuel College, 10-12, pp 634-640, April 2013 ISBN 978-0-7695-4994-1. [Indexed in SCOPUS and DBLP] (2013)
- Yaswant Singh ,Mayank Popli," Energy Reduction in Weekly Hard Real Time System",IEEE First International Conference on Recent Advances in Information Technology (RAIT 2012), pp.909-915, March 2012, Indian School of Mines Dhanbad ,INDIA. Digital Object Identifier: 10.1109/RAIT.2012.6194555. [Indexed in DBLP]. (2012)
- Yashwant Singh, Amit Chugh and Urvashi Chugh, “Self Healing Routing in Autonomic Wireless Sensor Networks”, 6th International Conference on Advance Computing and Communication Technologies (ICACCT 2012), November 3-4, 2012, pp 308-312., ISBN: 978-93-82062-70-7. (2012)
- Yashwant Singh, Shivam Garg, Anshul Dhingra, and Rajat Kumar Jain, “Software Engineering and Wireless Sensor Networks: A Perspective”, 6th International Conference on Advance Computing and Communication Technologies (ICACCT 2012), November 3-4, 2012, pp 3-6., ISBN: 978-93-82062-70-7. (2012)

July-June(2011-2012)

International Conference(s)

- Yaswant Singh ,Brahm Deo Sah and Nitin," Accumulation based Congestion Control using Active Queue Managment", IEEE World Congress on Information and Communication Technologies (WICT 2011), Pp 1159-1163, 11-14 December, Mumbai INDIA. Digital Object Identifier: 10.1109/WICT.2011.6141412. [Indexed in DBLP]. (2011)

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Two Week ISTE Main Workshop on Computer Networking by Prof. Kameswari Chebrolu IIT Bombay (National Mission on Education through ICT	Prof. Kameswari Chebrolu IIT Bombay	June 30th, 2014 to July 5th, 2014	Participant
IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), , Jaipur, India	Poornima University Jaipur	May 9-11, 2014	Participant
UKSim-AMSS 15th International Conference on Computer Modelling and Simulation, Cambridge University, Emmanuel College, United Kingdom	Cambridge University, Emmanuel College, United Kingdom	April 10-12, 2013	Participant
UGC Sponcered, "2 nd International Conference on innovative Developments in ICT-Today & Tomorrow", DAV College Amritsar,	DAV College Amritsar	March 2-3, 2012.	Participant

<p>6th International Conference on Advanced Computing and Communication Technologies, Asia Pacific Institute of Information technology SD India,</p>	<p>Asia Pacific Institute of Information technology, Panipat</p>	<p>November, 3, 2012.</p>	<p>Participant</p>
<p>IUCEE "Artificial Neural Network, Pattern Recognition, Computer Vision and Multimedia Information Retrieval" Indo US Engineering Faculty Leadership Institute 2011, Jaypee University of Information Technology Wagnaghat, Solan,</p>	<p>Jaypee University of Information Technology Wagnaghat, Solan</p>	<p>July 04 to July 08, 2011</p>	<p>Participant</p>
<p>Delivered an Expert Lecture in Punjab Technical University sponsored Faculty Development Programme on Software Engineering Practices in Object Oriented Programming on June 20, 2012 organized by Department of Computer Science and Engineering, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib from</p>	<p>Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib</p>	<p>June 18-22, 2012.</p>	<p>Resource person</p>

IEEE International Conference on Image Information Processing (ICIIP 2011) Wagnaghat, India	Jaypee University of Information Technology Wagnaghat, Solan	3rd to 5th November, 2013	Participant
IEEE, 2nd International conference on parallel, distributed and grid computing (PDGC 2012) Wagnaghat, INDIA.	Jaypee University of Information Technology Wagnaghat, Solan	6th to 8th December, 2012	
IEEE International Conference on Image Information Processing (ICIIP 2013) Wagnaghat, India	Jaypee University of Information Technology Wagnaghat, Solan	9-11December, 2013	Participant
3rd IEEE International Conference on Parallel, Distributed and Grid Computing (PDGC),	Jaypee University of Information Technology, Wagnaghat, , INDIA.	December, 11-13 , 2014	General Chair
Workshop, Wireless Networks and Network Simulator (WNNS)	Jaypee University of Information Technology, Wagnaghat, , INDIA.	July 9-10, 2012	Chief Coordinator
Workshop, Data Mining and Parallel Computing, Conducted by Dr. Sanjay Ranka,	University of Florida-USA at Jaypee University of Information Technology, Wagnaghat, INDIA.	August 2-5, 2011,	Coordinator

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
NIL	NIL	NIL	NIL

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
NIL	NIL	NIL	NIL

Faculty Profile

Jaypee University of Information Technology

Department of_

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Komal		Mahajan
Father's Name	Narayan		Mahajan
Mother's Name	Kamlesh		Mahajan
	(dd/mm/yyyy)		
Date of Birth	12/12/1886		
Home Address	132/14, nanak nagar, jammu ,J&K		
City		State	J&K
Pin Code		Mobile	9816159792
Email	Komal.mahajan@juit.ac.in		
PAN No.	BBWPM7541J		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
MS	2012	BITS, Pilani	Software Systems
B.Tech	2009	Jammu University	Computer Science and Engineering

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor Grade1	CSE	20/07/2012	To date
Model Institute of Engineering and Technology (MIET), J&K, India	Lecturer	CSE	16/09 / 2009	30/05/2012

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13

- c. 2011-12
- d. Upto June 2011

Sr .	Author(s)	Title	Journal/Conference Name	Year	Citation Index	Impact Factor
1.	Komal Mahajan, Deepak Dahiya	A cloud based deployment framework for load balancing policies.	Proceedings of the 7th International Conference on Contemporary Computing [7-9 August, 2014]PP. 565 - 570	2014		
2.	Komal Mahajan, Ansuyia Makroo, Deepak Dahiya	Round Robin with Server Affinity: A VM Load Balancing Algorithm for Cloud Based Infrastructure.	JIPS 9(3): 379-394 (2013)	2013	13	0.04
3.	Ansuyia Makroo , Komal Mahajan, Ajay Raina	Virtual community using p2p networks: efficiency review	IISN2010 ,pp. 160-163	2010		

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of CSE

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Nishtha		Ahuja
Father's Name	Virender	Kumar	Ahuja
Mother's Name	Kusum		Ahuja
	(dd/mm/yyyy)		
Date of Birth	25/09/1990		
Home Address	Flat No. 81, Pocket F-23, Sector-3,Rohini		
City	Delhi	State	Delhi
Pin Code	110085	Mobile	+91-8628814259
Email	nishtha.ahuja@juit.ac.in		
PAN No.	APFPA7633F		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
M.Tech	2014	IIT-Delhi	CSE
B.Tech	2012	GGSIU	CSE
12 th	2008	Bal Bharati Public School, Rohini	-
10 th	2006	Bal Bharati Public School, Rohini	-

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Asst. Professor		12/07/2014	To date

List of Publications (with JUIT address only)

N.A.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	AMOL		VASUDEVA
Father's Name	Sh. R. P.		VASUDEVA
Mother's Name	Smt. SUDESH		VASUDEVA
	(dd/mm/yyyy)		
Date of Birth	14/01/1073		
Home Address	Prospect House, Chakkar		
City	Shimla	State	Himachal Pradesh
Pin Code	171005	Mobile	9805116716
Email	@juit.ac.in		
PAN No.	AELPV3610G		

Educational Credentials (Starting with Ph D/PG Degree)

Degree	Year	University	Discipline/Specialization
PhD	Pursuing	H P University	Security in Mobile Ad Hoc Networks
M.Tech	2009	JUIT Waknaghat	Computer Science & Enginnering
MCA	2001	IGNOU	Computer Applicaton

Previous Organisations (Starting From Current)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant Professor Grade II		01/06/2013	Till date
JUIT Waknaghat	Senior Lecturer		01/07/2011	31/05/2013
JUIT Waknaghat	Lecturer		01/02/2009	30/06/2011
JUIT Waknaghat	Associate Lecturer		28/07/2005	31/01/2009
UIIT Dept. H. P. University, Shimla	Guest Lecturer		06/12/2001	10/06/2005

List of Publications (with JUIT address only)

Manu Sood, **Amol Vasudeva**, "Perspectives of Sybil Attack in Routing Protocols of Mobile Ad Hoc Network", The Fourth International Conference on Networks & Communications (NETCOM 2012) December, 22-24, 2012, Chennai, India, Volume 131, 2013, pp 3-13 ISSN: 1876-1100.

Amol Vasudeva, Manu Sood, “Sybil Attack on Lowest ID Clustering Algorithm in the Mobile Ad Hoc Network”, International Journal of Network Security & Its Applications (IJNSA), Vol.4, No.5, September 2012, DOI: 10.5121/ijnsa.2012.4511 135.

Amol Vasudeva, Arvind Kumar Sharma and Ashish Kumar. “Saksham: Customizable x86 Based Multi-Core Microprocessor Simulator” Proceedings of the 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN2009), Indore, India, 23–25 July 2009. ISBN: 978-0-7695-3743-6

Amol Vasudeva, Sandeepan and Nitin Kumar. “PASE: P2P Network Based Academic Search and File Sharing Application” Proceedings of the 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN2009), Indore, India, 23–25 July 2009. ISBN: 978-0-7695-3743-

Amol Vasudeva, Sarit Pal, Nitin Nigam, Siddharth Dev, Nitin Gupta, Chetan Malhotra. “Design of low interaction honeypot to track Distributed Denial of Services Attacks”, National Conference on Communication Systems and Networking, March, 2008, CSN-2008, Jaypee Institute of Engineering & Technology, A-B Road, Raghogarh, Guna, (MP)-473226.

Amol Vasudeva, Sarit Pal, Pankaj Tripathi, Kanishk Kumar. “Two-phase detection of Sybil attack in ad-hoc network”, National Conference on Communication Systems and Networking, March, 2008, CSN-2008, Jaypee Institute of Engineering & Technology, A-B Road, Raghogarh, Guna, (MP)-473226.

Sarit Pal, Achyut Sharma, **Amol Vasudeva**, Sanatya Singh, Debojyoti Saha, Anand Mohan Sinha and S. K. Kak. “Sybil attack detection techniques in Mobile Ad Hoc Networks”, Published in the Proceedings of International Conference on Information Technology (INTL-INFOTECH 2007), Haldia Institute of Technology, West Bengal, pp. 335-342, March 2007, INDIA.

Anand Mohan Sinha, Debojyoti Saha, Sanatya Singh, Sarit Pal, **Amol Vasudeva**, Achyut Sharma and S. K. Kak. “Defense mechanisms against Distributed Denial of Service Attacks”, Published in the Proceedings of International Conference on Information Technology (INTL-INFOTECH 2007), Haldia Institute of Technology, West Bengal, pp. 117-124, March 2007, INDIA.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Faculty Development Program on Problem Based Instructional Learning Organized by Jaypee Institute of Information Technology	JUIT Waknaghat	14/07/2014 to 19/07/2014	Participant
International Conference on Image Information Processing (ICIIP-2013)	JUIT Waknaghat	09/12/2013 to 11/12/2013	Resource person
Second International Conference on Parallel, Distributed and Grid Computing (PDGC-2012).	JUIT Waknaghat	06/12/2013 to 08/12/2012	Resource person
Two Days Workshop on Wireless Networks and Network Simulator (WNNS-2012)	JUIT Waknaghat	09/07/2012 to 10/07/2012	Participant
Two Days Workshop on Antenna Materials	JUIT Waknaghat	14/12/2012 to 15/12/2012	Participant
One day workshop on NS-2 Simulator,	GLA University, Mathura	02/03/2012	Participant
Presented a paper "Perspectives of Sybil Attack in the Routing Protocols of Mobile Ad Hoc Network", at Fourth International Conference on Networks & Communications,	AIRCC, Chennai	22/12/2012 to 24/12/2012	Participant
International Conference on Image Information Processing (ICIIP-2011)	JUIT Waknaghat	03/11/2011 to 05/11/2011	Resource person
Five Days Workshop on Wireless Sensor Networks, Indo-US Engineering Faculty Leadership Institute Workshop	JUIT Waknaghat	05/07/2011 to 09/07/2011	Participant
First International Conference on Parallel, Distributed and Grid Computing (PDGC-2010)	JUIT Waknaghat	28/10/2010 to 30/10/2010	Resource person
Five Days Workshop on Computer Networks, Indo-US	KIIT University, Bhubaneswar	12/07/2010 to 16/07/2010	Participant

Engineering Faculty Leadership Institute Workshop			
International Conference on Contemporary Computing (IC3-2009)	JIIT Noida	17/08/2009 to 19/08/2009	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

NA

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

NA

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

NA

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Arvind		Kumar
Father's Name	Babu		Ram
Mother's Name	Pushp		Lata
	(dd/mm/yyyy)		
Date of Birth	05/09/1985		
Home Address	7LF, Todarmal Square, Near Modern School, Barakhamba Road		
City	New Delhi	State	Delhi
Pin Code	110001	Mobile	9625573655
Email	arvind.kumar@juit.ac.in		
PAN No.	BKGP9276B		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
M.Tech	2009	IIT Kharagpur	Computer Science and Engineering
B.Tech	2007	NIT Surathkal	Computer Engineering

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor (Grade-II)	Teaching	01/08/2011	To date
The ICFAI University Dehradun	Faculty Member	Teaching	10/08/2009	22/07/2011

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12

d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of_ CSE&IT

General Information

	First Name	Middle Name	Last Name
Name of Faculty	RAVINDARA		BHATT
Father's Name	RAMESH	C.	BHATT
Mother's Name	SUMAN		BHATT
Date of Birth	(dd/mm/yyyy) 06/02/1972		
Home Address	House Number 690, Near Hutch Tower, Solanipuram, Tehsil Roorkee, Malakpur Latifpur, Roorkee, Haridwar, Uttrakhand		
City	ROORKEE	State	UTTRAKHAND
Pin Code	247667	Mobile	9816563218
Email	ravindara.bhatt@juit.ac.in		
PAN No.	AIXPB1247M		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
M.Tech. (I.T.)	2005	University School of Information Technology, Guru Gobind Singh, Inderprastha University, New Delhi.	IT
B.Tech. (E&Comm.)	1996	G.B.Pant Engg. College, An Autonomous State Govt. Engineering College, H.N.B. Garhwal University	E&Comm

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
Jaypee University of Information Technology Waknaghat, P.O. Waknaghat, Teh Kandaghat, Distt. Solan PIN-173 234 (H.P.), India	Assistant Professor (Grade-II)	Teaching, Research, and Academic Work	03/07/2006	To date

RKGITT, Ghaziabad, Pin-201001, UP	Asstt. Prof.	Faculty	December, 2004	02/07/2014
Inderprastha Engineering College, 63, Site- IV, Sahibabad Industrial Area, Surya Nagar Flyover, Sahibabad, Ghaziabad, UP	Senior Lecturer.	Faculty	April, 2002	Nov, 2004
NC College of Engineering, ISRANA, Panipat (Haryana) India	Lecturer	Faculty	July, 2001	March, 2002
Sartorius India, 6th Main, 3rd Phase Peenya, KIADB Industrial Area 10 Pin: 560 058 Bangalore	Sr. Engineer	Customer Support	July, 1998	January, 2001
Scientific Instruments Company Limited, New Delhi	Engineer	Customer Support	July, 1996	June, 1998

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12
 - d. Upto June 2011

Journals

1	Shweta Singh, Ravindara Bhatt	Adjacency Matrix Based Energy Efficient Scheduling using S-MAC Protocol in Wireless Sensor Networks	<i>International Journal of Computer Networks & Communications</i> , Vol. 4 Issue. 2, pp. 149-168	2012
2	Kaushal Kishore Sharma, Rakesh K Bajaj and Ravindara Bhatt	On Study, Comparison and Implementation of Fuzzy Algorithm on Iris Data Set	<i>Journal of Combinatorics, Information & System Sciences</i> , 35 (3-4), 439-457	2010
3	Ravindara Bhatt, Rakesh Kumar Bajaj, T. S. Lamba	Utilizing Fuzzy Clustering for Intrusion Detection on DARPA Data Set	<i>International Journal of Computer, Mathematical Sciences & Applications</i> , Vol. 4 Iss. 1-2 pp. 1-13	2010

Faculty as participants/resource persons in faculty development/training activities :

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
FDP on “Excellence in Teaching, Research & Education – by Design”	JUIT, Waknaghat	14/07/2014 to 19/07/2014	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights) : **NIL**

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work : NIL

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World: NIL

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of CSE & IT

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Reema		Aswani
Father's Name	Mukesh		Aswani
Mother's Name	Rita		Aswani
	(dd/mm/yyyy)		
Date of Birth	04/03/1991		
Home Address	D-56, Anand Vihar		
City	Delhi	State	Delhi
Pin Code	110092	Mobile	
Email	reema.aswani@juit.ac.in		
PAN No.	AXNPA1302K		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD (Pursuing)	Pursuing	Jaypee University of Information Technology, Waknaghat	Computer science (Big data & Machine Learning)
Integrated (BTech & MTech)	2013	Jaypee Institute of Information Technology, Noida	Computer Science

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Asst. Professor	Teaching & Research	01/07/2013	To date

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.

2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)

N.A.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
FDP on “Excellence in Teaching, Research & Education – by Design”	JUIT, Waknaghat	14/07/2014 to 19/07/2014	Participant
IEEE/ACM Sponsored International Summer School on Machine Learning & Big Data Analytics	Thapar University, Patiala	03/06/2014 to 13/06/2014	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Ruchi		Verma
Father's Name	Dr.Bishan	Das	Verma
Mother's Name	Mrs. Raj		Verma
	(dd/mm/yyyy)		
Date of Birth	06/12/1975		
Home Address	903, Basant Vihar , Kasumpti		
City	Shimla	State	H.P
Pin Code	171009	Mobile 9736005055	
Email	ruchi.verma@juit.ac.in		
PAN No.	AFPPV2444F		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	ongoing	Jaypee University of Information Technology	Computer Science
M.Tech	2009	Jaypee University of Information Technology	Computer Science

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Associate Professor	To teach the assigned course	January 2012	ongoing

<p>Orange Business Services , Gurgaon , New Delhi</p>	<p>Solution Delivery Manager</p>	<ul style="list-style-type: none"> • Responsible for delivering international projects across the globe. Managing the end to end delivery of projects from interacting with the client to getting the project delivered from the team. • Delivering training programs for leadership team like Steven Covey Seven Habits ,Time Management, Leadership, Lean ,ITIL, Six Sigma and ISO 27K implemetation for the organization 	<p>April 2007</p>	<p>January2012</p>
---	--	---	-------------------	--------------------

<p>Reliance Communications, Kalkaji, New Delhi and DAKC Mumbai</p>	<p>Consultant for Technology Enabled Learning and LMS Project Lead</p>	<ul style="list-style-type: none"> • Project Manager for all online training and creation of e-learning modules in TEL(Technology Enabled Learning). Interacting with the client, analyzing the problem, defining the requirements ,making functional specifications and managing the team to deliver the module 	<p>June 2005</p>	<p>April 2007</p>
<p>Jaypee University Of Information Technology , Waknaghat</p>	<p>System Analyst</p>	<ul style="list-style-type: none"> • Designed and implemented University Management System software for the university. It deals with total student data , examination system and admission data • Taken B.Tech classes for object oriented programming and C . 	<p>November 2002</p>	<p>June2005</p>

Freshfield Communications Ltd , Shimla , Head office London	Software Engineer	<ul style="list-style-type: none">• Interacting with the client, analyzing the problem, defining the requirements, making functional specifications and giving it as base documents for coding . Final conceptualization and integration of the software.	July 2001	– November 2002
---	-------------------	---	-----------	-----------------

Faculty Profile

Jaypee University of Information Technology

Department of CSE and ICT

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Amit	Kumar	Singh
Father's Name	Shivraj		Singh
Mother's Name	Lila (dd/mm/yyyy)		Singh
Date of Birth	20/05/1979		

Home Address
Vill. Anantpur
Post Kachhwa
Dist. Mirzapur

Pin 23150
Code 1
e

City Mirzapur State Uttar Pradesh

Mobile (+91)9816639203 Email amit_245singh@yahoo.com ; amit.singh@juit.ac.in

PAN No BXBPS4951D

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD(Pursuing, 2012)		NIT, Kurukshetra, Haryana	Computer Engineering
M Tech.	2010	JUIT, Wagnaghat, Solan, HP	Computer Sc. & Engineering
B Tech.	2005	VBS, Purvanchal University, Jaunpur,	Computer Sc. &

		UP	Engineering
Intermediate	1996	UP Board	Maths Group
High School	1994	UP Board	Science Group

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From	To
JUIT, Waknaghat,Solan, HP	Assistant Professor(Grade II)	Teaching	Aug 1, 2013	till
JUIT, Waknaghat,Solan, HP	Assistant Professor(Grade I)	Teaching	Jan 1, 2011	July 31, 2013
JUIT, Waknaghat,Solan, HP	Associate Lecturer	Teaching	April 22, 2008	December 31, 2010
VBS Purvanchal University, Jaunpur UP	Lecturer	Teaching	December 2006	April, 2008
IIT(BHU), Varanasi UP	Field Investigator(RITAP- Project, funded by ministry of information technology)	Teaching	August 2005	February2006

Faculty Profile

Jaypee University of Information Technology

Department of_

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Ansuyia		Makroo
Father's Name	Ramesh	Kumar	Makroo
Mother's Name	Naveen		Makroo
Date of Birth	(dd/mm/yyyy)		
	07/11/1887		
Home Address	257/5, Channi Himmat, Jammu ,J&K		
City	State	J&K	
Pin Code	Mobile	9816958791	
Email	ansuyia.makroo@juit.ac.in		
PAN No.	BBWPM7543L		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
MS	2012	BITS, Pilani	Software Systems
B.Tech	2009	Jammu University	Computer Science and Engineering

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor Grade1	CSE	20/07/2012	To date
Model Institute of Engineering and Technology (MIET), J&K, India	Lecturer	CSE	16/09 / 2009	30/05/2012

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13

- c. 2011-12
- d. Upto June 2011

Sr .	Author(s)	Title	Journal/Conference Name	Year	Citation Index	Impact Factor
2.	Komal Mahajan, Ansuyia Makroo, Deepak Dahiya	Round Robin with Server Affinity: A VM Load Balancing Algorithm for Cloud Based Infrastructure.	JIPS 9(3): 379-394 (2013)	2013	13	0.04
3.	Ansuyia Makroo , Komal Mahajan, Ajay Raina	Virtual community using p2p networks: efficiency review	IISN2010 ,pp. 160-163	2010		

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of_ Computer science and Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Sakshi		Babbar
Father's Name	Pyara Lal		Babbar
Mother's Name			
Date of Birth	(dd/mm/yyyy)		
Home Address	19 Thapar Colony		
City	Yamuna Nagar	State	Haryana
Pin Code	135001	Mobile	09816947813
Email	@juit.ac.in		
PAN No.	AKZPB0809K		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2013	University of Sydney, Sydney, Australia	Data Mining
M.tech	2005	Kurukshetra University, Kurukshetra	Computer science

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor	Faculty	Aug,2013	To date

List of Publications (with JUIT address only)

- None

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Machine Learning & Text Analytics	South Asian University, Delhi	15-24 Dec, 2013	Sakshi

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
1	Predicting Death	PGIMER, Chandigarh	8 months		-- Initial Phase		

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
	Dr. Yu Zhang, Prof. Sanjay Chawla	Microsoft Research Asia, Beijing, China University of Sydney, Sydney, Australia	

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Shailendra		Shukla
Father's Name	P	C	Shukla
Mother's Name	S	K	Shukla
Date of Birth	(dd/mm/yyyy)		
Home Address	01/04/1984		
City	Flat 501 Sundaram Apartment Ambedker Vihar Yojna chaufatka		
Pin Code	Allahabad	State	Uttar Pradesh
Email	211001	Mobile	8894415275
PAN No.	Shailendra.shukla@juit.ac.in		
	DCCPS6569H		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD(Thesis submitted)	2014	IIT-Patna	Computer Science
MS	2009	IIT-Allahabad	Information Security

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor	Teaching/Research	05/02/2014	To date

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13

- c. 2011-12
- d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Nil	Nil	Nil	Nil

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
Nil	Nil	Nil	Nil

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Nil	Nil	Nil	Nil

Faculty Profile

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Vivek	Kumar	Sehgal
Father's Name	Kuldeep	Chand	Sehgal
Mother's Name	Chanchloo	Devi	Sehgal
	(dd/mm/yyyy)		
Date of Birth	15/12/1976		
Home Address	H.No 509 , Krishna Nagar , Hamirpur		
City	State	Pin Code	
Hamirpur	Himachal Pradesh	177001	
Mobile	9418800200	Email	vivek.sehgal@juit.ac.in
PAN No	AWAPS2460E		

Educational Credentials(Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2010	Uttarakhand Technical University, Dehradun	Computer Science and Engineering
M. Tech	2002	NetajiSubhas Institute of Technology (NSIT),	Process Control
B.Tech	2000	SantLongowal Institute of Engineering Technology Longowal	Instrumentation Engineering

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From DD/MM/YYYY	To DD/MM/YYYY
JUIT Waknaghat	Associate Professor	Teaching , Research	August 2013	Present
JUIT Waknaghat	Assistant Professor	Teaching , Research	June 2010	July 2013
JUIT Waknaghat	Senior Lecturer	Teaching , Research	July 2005	May 2010
JUIT Waknaghat	Lecturer	Teaching , Research	August 2003	June 2005

Research Publications

2014

- **Vivek Kumar Sehgal**, Anubhav Patrick “A Comparative Study of Cyber Physical Cloud, Cloud of Sensors and Internet of Things: Their Ideology, Similarities and Differences” in International Advanced Computing Conference (IACC) 2014, ITM University Gurgaon, INDIA.
- **Vivek Kumar Sehgal**, Anubhav Patrick, “Smart Human Security Framework Using Internet of Things, Cloud and Fog Computing” in Advances in Intelligent and Soft Computing (Springer) Series Title Intelligent Distributed Computing.
- **Vivek Kumar Sehgal**, Mukesh Kant Tripathi “Establishing Trust in Cloud Computing Security with the Help of Inter-Clouds” in International Conference on Advanced Communication Control and Computing Technologies (ICACCCT) 2014, INDIA

2013

- **Vivek Kumar Sehgal**, “Networks-on-Chip for Energy Efficient Real Time Biomedical Signals Data Acquisition”, TMH
- **Vivek Kumar Sehgal**, “War of Tiny Brains in the World of Smarter Gadgets” in 26th International Conference on Computer Applications in Industry and Engineering (CAINE) 2013, Los Angeles, California, USA
- **Vivek Kumar Sehgal**, Akshay Jagtiani, Meha Shah, Anupriya Sharma, Arpit Jaiswal, and Dhananjay Mehta “Job Portal-A Web Application for Geographically Distributed Multiple Clients” in International Conference on Artificial Intelligence, Simulation and Modelling (AIMS) 2013, Kota Kinabalu, Sabah (Malaysia)
- **Vivek Kumar Sehgal**, “Surveillance Through Automatic Signaling in Cloud Computing” in 28th International Conference on Computers and Their Applications (CATA) – 2013, Hawaii, USA

2012

- **Vivek Kumar Sehgal**, Nitin, Rachit Khanna, Gaurav Garg, Nitika Singhal “Modern Control System Mapping on Networks-on-Chip”, ISMS 2012 .
- **Vivek Kumar Sehgal**, Mudit Singhal, Bhart Mangla, Sudeep Singh, Shivangi Kulshrestha “An Embedded Interface for GSM Based Car Security System”, CICSy 2012.
- Pardeep Kumar, **Vivek Kumar Sehgal**, Nitin, Durg Singh Chauhan “Performance Evaluation of Evolutionary and Artificial Neural Network based Classifiers in Diversity of Data Sets” Iccsea– 2012 .
- Pardeep Kumar, **Vivek Kumar Sehgal**, Nitin, Durg Singh Chauhan “Performance Evaluation of Evolutionary and Decision Tree based Classifiers in Diversity of Data Sets” CNC– 2012 .
- Pardeep Kumar, Nitin, **Vivek Kumar Sehgal**, D.S. Chauhan, “Selection of evolutionary approach based hybrid data mining algorithms for decision support systems and business intelligence”, in: Proceedings of the (ICACCI-2012), August 2012, in Press, ACM proceedings.

2011

- Pardeep Kumar, **Vivek Kumar Sehgal**, Durg Singh Chauhan, P. K. Gupta and Manoj Diwakar, “Effective Ways of Secure, Private and Trusted Cloud Computing”, IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 3, No. 2, May 2011 ISSN (Online): 1694-0814.
- Pardeep Kumar, **Vivek Kumar Sehgal** and Durg Singh Chauhan. Article: Knowledge Discovery in Databases (KDD) with Images: A Novel Approach toward Image Mining and Processing. *International Journal of Computer Applications* 27(6):10-13, August 2011. Published by Foundation of Computer Science, New York, USA .

- **Vivek Kumar Sehgal**, Shubhrangshu Naval, AbhinavGulharSayedJeeshan Ali and MuditSinghal “An Embedded Platform for Patient Monitoring andCare System”, pp. 236-240, ESA 2011.
- PardeepKumar,Nitin, **Vivek Kumar Sehgal** and Durg Singh Chauhan “Clouds: Concept to Optimize the Quality of Service (QOS) for Clusters”, WICT 2011.
- Pardeep Kumar, Nitin, **Vivek Kumar Sehgal** and Durg Singh Chauhan“ Performance Evaluation of Decision Tree versus Artificial Neural Network based Classifiers in Diversity of Data Sets”, WICT 2011.
- Pardeep Kumar, Nitin, **Vivek Kumar Sehgal** and Durg Singh Chauhan “A Novel Approach for Security in Cloud Computing using Hidden Markov Model and Clustering”, WICT 2011.

Before that

- **Vivek Kumar Sehgal**, Durg Singh Chauhan, “State Observer Controller Design for Packets Flow Control in Networks-on-Chip”, The Journal of Supercomputing 54(3): 298-329, 2010
- **Vivek Kumar Sehgal**, "An Embedded Platform for Intelligent Traffic Control," ems, pp.541-545, 2010 UKSim Fourth European Modelling Symposium on Computer Modelling and Simulation, 2010.
- **Vivek Kumar Sehgal**, "Electronic Energy Meter with Instant Billing," ems, pp.27-31, 2010 UKSim Fourth European Modelling Symposium on Computer Modelling and Simulation, 2010 .
- **Vivek Kumar Sehgal** and Nitin, “An Embedded Application for Driverless Metro Train”, Lecture Notes in Electrical Engineering-28, Springer-Verlag, Volume 27, ISBN: 978-0-387-84813-6, pp. 1451-1457 , April 2009.
- Nitin, Durg Singh Chauhan and **Vivek Kumar Sehgal**, “On a Software Architecture of JUIT-Image Based Authentication System” IAENG Transactions on Electrical and Electronics Engineering, IEEE Computer Society Press, ISBN: 978-0-7695-3555-5, pp. 35-46 , 2009.
- **Vivek Kumar Sehgal**, Sahil Jain, ShantanuAgarwal, UjjawalKhandelwal, Karan Jain: “Parametric coding of speech signals” pp. 1-5, ICUMT 2009 .
- **Vivek Kumar Sehgal**, Rohit Sharma, NitinChanderwal, DeepankarBhardwaj, YarasAgarwal, MehboobShrivastava, PrashantSrivastava, Avinash Kumar “D-Torus Topology in Networks-on-Chip: A Perspective Study” pp. 163-168, ESA 2009.
- **Vivek Kumar Sehgal**, Rohit Sharma, NitinChanderwal, AbhishekSrivastava, Anshul Bora: “Emergency Shutdown Procedure for Applications in Mass Rapid Transit System” pp. 92-97, ESA 2009 .
- Rohit Sharma, NitinChanderwal, **Vivek Kumar Sehgal**, Amit Kumar, Preity Gupta, AshishNandanLal “DELSIC: A Delay Simulator for Interconnect Circuits” pp. 52-56 CDES 2009 .
- Rohit Sharma, **Vivek Kumar Sehgal**, Nitin, ChandanBhardwaj, KanchakNegi, and Tarun Kumar Thakur “An Intelligent Water Management and Distribution System” IKE09, Las Vegas, USA, pp 66-70, 2009 .
- NitinChanderwal, GitanjaliChauhan, **Vivek Kumar Sehgal**, Rohit Sharma, Abhishek Gupta, Aditya Patel, Amanpreet Singh Arora, Aprajita Gupta, UtkarshShrivastava, RajanVaish “A Single Tape Deterministic Turing Machine of Adaptive Deterministic Routing Algorithm Designed for Torus Network” pp. 37-40, FCS 2009 .
- NitinChanderwal, GitanjaliChauhan, Rohit Sharma, **Vivek Kumar Sehgal**, RohitVerma, Gaurav Kumar, UtkarshShrivastava, RajanVaish “Single Tape Deterministic Turing Machine of Routing Algorithms Designed for Torus Network” pp. 47-52, FCS 2009 .
- **Vivek Kumar Sehgal**, Durg Singh Chauhan, Nitin, Rohit Sharma and AnkitSrivastava “Obstacle Sensing and Anti-Falling Sensor Robot Using Embedded Processor” pp.579-584 ,UKSim – 2009 .
- Rohit Sharma, **Vivek Kumar Sehgal**, Nitin,PranavBhasker, and IshitaVerma “Design and Implementation of a 64-bit RISC Processor using VHDL” pp.568-573,UKSim – 2009 .
- Nitin, Rohit Sharma, **Vivek Kumar Sehgal**” Asymptotic Analysis of Dynamic Algorithms Designed to Provide Parallel Communication among NoC in NiP using MIN” pp.443-448, UKSim – 2009 .

- Rohit Sharma, **Vivek Kumar Sehgal**, Nitin, Abhinav Thakur, Adnan Munir Khan, Ashish Sharma, and Pankaj Sharma, "Peltier effect based Solar Powered Airconditioning System", (CSSim-EUROSIM/CSSS), Brno, Czech Republic, 2009 .
- Nitin, Durg Singh Chauhan and **Vivek Kumar Sehgal**, "Two $O(n^2)$ time Fault-tolerant Parallel Algorithm for Inter NoC communication in NiP", Springer-Verlag, ISBN: 978-3-540-79186-7, pp. 267-282, Invited, May 2008.
- Nitin, **Vivek Kumar Sehgal**, Durg Singh Chauhan, MunishSood, and VikasHastir "Image Based Authentication System with Sign-In Seal" Lecture Notes in Engineering and Computer Science, ISBN: 20780958 EIssn: 20780966, Vol. 2173 (1), pp. 263-266, 2008.
- **Vivek Kumar Sehgal**, Nitin, and Durg Singh Chauhan, "Embedded Controller Based Smart Card Access" Lecture Notes in Engineering and Computer Science, ISBN: 20780958 EIssn: 20780966, Vol. 2173 (1), pp. 863-868, 2008.
- **Vivek Kumar Sehgal**, Nitin, Durg Singh Chauhan and Rohit Sharma, "Smart Wireless Temperature Data Logger using IEEE 802.15.4/ZigBee Protocol", IEEE TENCON 2008, INDIA, pp.1-6, 2008 .
- Nitin ,**Vivek Kumar Sehgal**, Durg Singh Chauhan, and Rohit Sharma, "Modified Fault tolerant Combining Switches Multistage Interconnection Networks with Chaining: Algorithm, Design and Cost Issues" IEEE TENCON 2008, INDIA.
- RohitSharma ,**Vivek Kumar Sehgal**, Nitin, and Durg Singh Chauhan, "Closed-form Expressions for Extraction of Capacitances in Multilayer VLSI Interconnects" IEEE TENCON 2008, INDIA .
- **Vivek Kumar Sehgal**, Nitin, and DurgSingh.Chauhan, "A New Approach for Inter Networks–on–Chip Communication in Networks–in–Package" ESA08, Las Vegas, USA, pp 16-23, 2008
- **Vivek Kumar Sehgal**, Durg Singh Chauhan, Nitin, AbhishekShreevats, AnkitKhare, Sunny Kapoor, Avishek Gupta and AbhishekMisra, "Optimal Dynamic Routing and Flow Control in Interconnection Networks-on-Chip"ESA08, Las Vegas, USA, pp 193-199, 2008 .
- **Vivek Kumar Sehgal**, Nitin, Rohit Sharma, VikasHastir, Yogeshwar Singh Dadwhal, MiteshBansal, RohitPuri, ShreyAbhiPathania, and Abhay Thakur, "Smart Wireless Temperature Data Logger"ESA08, Las Vegas, USA, pp 140-144, 2008 .
- Rohit Sharma, **Vivek Kumar Sehgal**, Nitin, MunishSood, PuneetDhawan, Anupam Prasad, ManasSrivastava and AyushiAgarwal, "An Embedded Platform For GSM/CDMA Controlled Surveillance Robot"ESA08, Las Vegas, USA, pp 145-150, 2008 .
- Rohit Sharma, **Vivek Kumar Sehgal**, Nitin, SomyaRawat, VinodiniKapoor, and Sonia Chadha, "Time-Domain Analysis of VLSI Interconnects Considering Oscillatory Inputs"CDSES08, Las Vegas, USA, pp 57-60, 2008 .
- Nitin, Rohit Sharma, **Vivek Kumar Sehgal**, ShrutiGarhwal, NehaSrivastava and Kumar Vaibhav, "CSMIN Revisited: Accurate Algorithms and Strategic Design Issues"PDPTA08, Las Vegas, USA, pp 218-223, 2008 .
- Nitin, Durg Singh Chauhan, **Vivek Kumar Sehgal**, SohitAhuja, Pallavi Singh and AnkitMahanot,"Security Analysis and Implementation of *JUIT IBA System using Kerberos Protocol", IEEE/ACIS, USA, pp 575-580, 2008 .
- Nitin, Durg Singh Chauhan, **Vivek Kumar Sehgal**, ManishaRana, UtkarshShrivastava, AnkitMahanot, Pallavi Singh and SohitAhuja." Finite State Modeling and Testing of Image Based Authentication System" , IEEE/ACIS, USA, pp 427-432, 2008 .
- **Vivek Kumar Sehgal**, "Stochastic communication in application specific networks-on-chip". In Innovative algorithms and techniques in automation, industrial electronics and telecommunication, Edited by TarekSobh, KhaledElleithy, AusifMahmood, Mohamed Karim, ISBN: 978-1-4020-6265-0, pp10-17, Springer, 2007.
- **Vivek Kumar Sehgal**, "Reduced-Order Controller Design in Discrete Time Domain", Springer - Innovative Algorithms and Techniques in Automation, Industrial Electronics and Telecommunications, Edited by TarekSobh, Khaled Elleithy, Ausif Mahmood, Mohamed Karim, ISBN: 978-1-4020-6265-0 pp 481-486, Springer, 2007
- Nitin, **Vivek Kumar Sehgal** and Pawan Kumar Bansal, "On MTTF Analysis of a Fault-tolerant Hybrid MINs", WSEAS Transactions on Computer Research, ISSN 1991-8755, Issue 2, Volume 2, pp. 130-138, 2007.

- Nitin, **Vivek Kumar Sehgal**, Nakul Sharma, Kunal Krishna and Abhishek Bhatia, “On Path-length and Routing-tag Algorithm for Hybrid Irregular Multi-stage Interconnection Networks”, Proceedings of 8th ACIS (SNPD), Qingdao, CHINA, IEEE Computer Society Press, pp. 652-657, July 30-August 1, 2007 .
- **Vivek Kumar Sehgal**, Nitin, Amit Jain, Neeraj Shah, SachinGarg, and Sumit Gupta, “RJ-11 Interfaced Embedded Platform for DTMF Based Remote Control System” ESA07, Las Vegas, USA, pp 239-244, 2007 .
- **Vivek Kumar Sehgal**, “Stochastic Modeling of Worm Propagation in Trusted Networks”, Security and Management Conference, Las Vegas, USA, pp 482-488.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Committee member one day Workshop, IEEE ANVIT 2009	JUIT and IEEE ICUMT Russia	14 th -16 th October 2009	Academicians, researchers, and students
General Chair one day Workshop, IEEE ANVIT 2014	JUIT and IEEE ICUMT Russia	14 th -16 th October 2014	Academicians, researchers, and students
Future Processing chips by Intel 2010	INTEL	23th Feb 2010	EDA Community
Coordinator IUCEE Workshop	Teaching Engineering using MATLAB and Simulink	July 12-14, 2010	Academicians, researchers, and students

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of_

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Punit		Gupta
Father's Name	Arun		Gupta
Mother's Name	rajni		Gupta
	(dd/mm/yyyy)		
Date of Birth	01/04/1988		
Home Address	11 sheetal colony ,balwant nagar		
City	Gwalior	State	MP
Pin Code	474002	Mobile	9882205191
Email	Punit.gupta@juit.ac.in		
PAN No.	ARPPG233F		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
M-Tech	2010	JIIT	COMPUTER SCIENCE
B-Tech	2012	RGPV	COMPUTER SCIENCE

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant professor	Faculty	18/2/2013	To date
ABES-EC	Assistant professor	Faculty	1/8/2012	12/2/2013

List of Publications (with JUIT address only)

Journal(s) :

1. **Punit Gupta**, Pallavi Kaliyar (2014). History Aware Anomaly Based IDS for Cloud . *International Journal of Computer and Technology*, 10 (6), 1779-1784.
2. **Punit Gupta**, Deepika Agrawal (2014). Trusted Cloud Platform For Cloud Infrastructure. *International Journal of Computer and Technology*, 10 (8), 1884-1891.

3. **Punit Gupta**, Deepika Agrawal (2013). Behavior Based IDS for Cloud. *International Journal of Software and Web Sciences*, 52 (1), 31-36. Google Citation

Conference(s) :

1. **Punit Gupta** (2013). Low Cost Hardware Design of a Web Server for Home Automation Systems. *Proceedings of the Conference on Advances in Communication and Control Systems* [: Feb],

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Nil			

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
Nil			

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
	Nil						

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Nil			

Faculty Profile

Jaypee University of Information Technology

Department of_ Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Ramanpreet		Kaur
Father's Name	Gurtej		Singh
Mother's Name	Daljeet		Kaur
Date of Birth	(dd/mm/yyyy)		
Home Address	31/05/1985		
City	V.P.O Dattewal, Via Kot Ise Khan		
Pin Code	Moga	State	Punjab
Email	142043	Mobile	08988248431
PAN No.	Ramanpreet.kaur@juit.ac.in		
	BKGPK7803N		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD(Pursuing)	2010	NIT Jalandhar	Network Security
M.Tech	2009	NIT Jalandhar	Information Security
B.Tech	2007	SBSCET,Ferozepur	CSE

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Assistant Professor(Grade-i)		06/07/2012	To date
College of Engineering & Mangament, Kapurthala	Lecturer		09/08/2009	10/08/2010

List of Publications (with JUIT address only)

Article Publication in International Conferences (Published)

1. Ramanpreet Kaur, Amrit Lal Sangal, Krishan Kumar," Secure Overlay Services: A Critical Analysis", in Parallel Distributed and Grid Computing (PDGC-2012) (ISSN: 978-1-4673-2922-4) page no. 457 - 462, December 2012.
DOI: [10.1109/PDGC.2012.6449864](https://doi.org/10.1109/PDGC.2012.6449864)

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

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Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

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Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of Computer Science & Engineering

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Sanjana		Singh
Father's Name	Surender		Singh
Mother's Name	Sadhana		Singh
	(dd/mm/yyyy)		
Date of Birth	29/06/1990		
Home Address	A-5 Patel Garden, Dwarka Mor		
City	New Delhi	State	Delhi
Pin Code	110059	Mobile	9805075227
Email	sanjana.singh@juit.ac.in		
PAN No.	CAXPS7614D		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
Integrated (BTech & MTech)	2013	Jaypee Institute of Information Technology, Noida	Computer Science (language processing and data analysis)

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Wagnaghat	Asst. Professor		01/07/2013	To date

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13

- c. 2011-12
- d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

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Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

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Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of_

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Suman		Saha
Father's Name	Swapan		Saha
Mother's Name	Maya		Saha
Date of Birth	(dd/mm/yyyy) 19/12/2076		
Home Address	D1/8 Malviya Bhavan, Jaypee University of Information Technology, Waknaghat		
City	Solan	State	Himachal
Pin Code	173215	Mobile	9805788220
Email	Suman.saha@juit.ac.in		
PAN No.	BGNPS2714R		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
M.Tech.	2004	Indian Statistical Institute(Kolkata)	Computer Science
M.Sc.	2001	Calcutta University	Pure Math

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant Professor	Teaching	30/04/2009	To date
Indian Statistical Institute Kolkata	Researcher	Research	11/10/2004	11/04/2009

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)

a. 2013-14

Conference:

M Sharma, S Suman; Robust Best Regressor Model with Minimum Multicollinearity; I2CT-2014, INTERNATIONAL CONFERENCES FOR CONVERGENCE OF TECHNOLOGY, Pune,India.2014

Journal:

M Sharma, S Saha; INROADS-An International Journal of Jaipur National University 3 (1s), 106-110, 2014

b. 2012-13

Conference:

Y Singh, S Saha, U Chugh, C Gupta; Distributed Event Detection in Wireless Sensor Networks for Forest Fires; Computer Modelling and Simulation (UKSim), 2013 UKSim

Parul Gupta, Swati Agnihotri and Suman Saha; Approximate data mining using sketches for massive data; CIMTA-2013, Procedia Technology, Elsevier, 2013

Swati Agnihotri, Parul Gupta, Suman Saha; A Semantic approach to sentiment analysis of microblogs; CIMTA2013-Proceedings

c. 2011-12

Journal:

CP Singh, S Saha, SK Saurabh; Link Analysis to Visualize a Web Graph; IJCSI , May 2012 9 (3)

d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

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					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of **Electronics and Communication Engineering**

General Information

	First Name	Middle Name	Last Name
Name of Faculty	GHANSHYAM		SINGH
Father's Name	RAM	KHELAWAN	SINGH
Mother's Name	SHAKUNTA		SINGH
Date of Birth	(dd/mm/yyyy)		
	10/08/1971		
Home Address	City	State	Pin Code
	JAUNPUR	U P	222 131
Mobile	09459240708	Email	drghanshyam.singh@yahoo.com
PAN No	BFAPS5804N		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
Ph D	2000	IIT-BHU, Varanasi	Electronics Engineering
M Sc	1995	VBS Purwanchal University, Jaunpur	Physics (Electronics)
B Sc	1993	VBS Purwanchal University, Jaunpur	Physics, Mathematics
10+2	1988	TDS Inter College, Jaunpur	Non-Medical
10 th	1986	AR Inter College, Jaunpur	Science

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job	From	To
-----------------------------	-------------	-----	------	----

		Description	dd/mm/yyyy	dd/mm/yyyy
Jaypee University of Information Technology, Wagnaghat, Solan, India	Professor	Academics	01/08/2013	Till date
Jaypee University of Information Technology, Wagnaghat, Solan, India	Associate Professor	Academics	01/07/2009	31/07/2013
Jaypee University of Information Technology, Wagnaghat, Solan, India	Assistant Professor	Academics	24/03/2006	30/06/2009
Seoul National University, S Korea	Visiting Professor	R & D	01/04/2005	18/03/2006
Nirma University of Science and Technology, Ahmedabad, India	Assistant Professor	Academic	01/02/2004	25/03/2005
Institute for Plasma Research, Gandhinagar, India	Research Scientist	R & D	01/03/2001	31/01/2004
Central Electronics Engineering Research Institute, Pilani, India	Research Scientist	R & D	01/09/2000	28/02/2001

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12
 - d. Upto June 2011

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
TEQIP sponsored Faculty Development Program “Optical and Wireless Communication Technology”	Chandigarh University, Landra, Mohali	02/12/2013 to 07/12/2013	Ghanshyam Singh
Antenna Design: New trends Techniques and Applications	Thapar University, Patiala	04/06/2012 to 08/06/2012	Ghanshyam Singh

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
1	Design and analysis of frequency selective surface at Ka/Ku Band for reflection and S Band for transmission	ISRO	3 Years	15.96			

LIST OF PUBLICATION

BOOK

K R Jha and **G Singh**, “Terahertz Planar Antennas for Next Generation Communication” Springer: Switzerland, November 2013.

(ISBN: 978-3-319-02340-3).

<http://dx.doi.org/10.1007/978-3-319-02341-0>

<http://www.springer.com/engineering/circuits+%26+systems/book/978-3-319-02340-3>

Viranjay M Srivastava and **G Singh**, “MOSFET Technologies for Double-Pole Four-Through Radio Frequency Switch” Springer: USA, Jan. 2014

(ISBN: 978-3-319-01164-6).

<http://dx.doi.org/10.1007/978-3-319-01165-3>

<http://www.springer.com/engineering/circuits+%26+systems/book/978-3-319-01164-6>

JOURNALS/MAGAZINE

- [1] Garima Bharti, K R Jha, and **G Singh**, “A synthesis technique of single square loop frequency selective surface at terahertz frequency,” **OPTIK: International Journal for Light and Electron** vol. 125, no. 21, pp. 6428-6435, 2014.
<http://dx.doi.org/10.1016/j.ijleo.2014.08.009>
- [2] Shweta Pandit and **G Singh**, “Backoff algorithm in cognitive radio MAC- protocol for throughput enhancement,” **IEEE Trans. Vehicular Technology**, (Online) June 2014.
<http://dx.doi.org/10.1109/TVT.2014.2334605>
- [3] Garima Bharti, K R Jha, **G Singh**, and Rajeev Jyoti, “Azimuthally periodic wedge shaped metal vane loaded circular ring frequency selective surface,” **Int. J. of Microwave and Wireless Technologies**, (Online) April 2014.
<http://dx.doi.org/10.1017/S1759078714000488>
- [4] Shweta Pandit and **G Singh**, “Throughput maximization with reduced data loss rate in cognitive radio network,” **Telecommunication Systems**, vol. 57, no. 2, pp. 209-215, Oct. 2014.
<http://dx.doi.org/10.1007/s11235-013-9858-z>
- [5] K R Jha and **G Singh**, “Effect of unit-cells of the frequency selective surface as superstrate on the directivity of rectangular microstrip antennas” **Journal of Computational Electronics**, vol. 13, no. 2, pp. 496-502, 2014.
<http://dx.doi.org/10.1007/s10825-014-0560-5>
- [6] Vivek K Dwivedi and **G Singh**, “Moment Generating Function based performance analysis of maximal ratio combining diversity receivers in the generalized-K fading channels”, **Wireless Personal Communication**, vol. 77, no. 3, pp. 1959-1975 Jan. 2014.
<http://dx.doi.org/10.1007/s11277-014-1618-1>

- [7] K. R. Jha and **G Singh**, "Effect of low dielectric permittivity on microstrip antenna at terahertz frequency," **OPTIK: International Journal for Light and Electron Optics**, vol. 124, pp. 5777-5780, 2013.
<http://dx.doi.org/10.1016/j.ijleo.2013.04.061>.
- [8] K. R. Jha and **G Singh**, "Terahertz planar antenna for future wireless communication: a technical review," **Infrared Physics and Technology**, vol. 60, no. 9, pp. 71-80, September 2013. <http://dx.doi.org/10.1016/j.infrared.2013.03.009>
- [9] K R Jha and **G Singh**, "Analysis of the effects of ground plane size on the performance of a probe-fade cavity resonator microstrip antenna," **Wireless Personal Communication**, vol. 71, no. 2, pp. 1511-1521, July 2013.
<http://dx.doi.org/10.1007/s11277-012-0889-7>
- [10] Sanjiv Kumar, P. K. Gupta, **G. Singh**, D. S. Chauhan, "Performance comparison of various diversity techniques using Matlab simulation," **International Journal of Information Technology and Computer Science**, vol. 5, no. 11, pp. 54-61, Oct. 2013.
<http://dx.doi.org/10.5815/ijitcs.2013.11.06>
- [11] Sanjiv Kumar, P. K. Gupta, **G. Singh**, D. S. Chauhan, "Performance analysis of Rayleigh and Rician fading channel models using Matlab simulation," **International Journal of Intelligent Systems and Applications**, vol. 5, no. 9, pp. 94-102, August 2013.
<http://dx.doi.org/10.5815/ijisa.2013.09.11>
- [12] K R Jha, **G Singh**, and Rajeev Jyoti, "A simple synthesis technique of single square loop frequency selective surface," **Progress Electromagnetic Research**, vol. 45, pp. 165-185, 2012.
<http://dx.doi.org/10.2528/PIERB12090104>
- [13] Viranjay M. Srivastava and **G Singh**, "Testing of Cylindrical Surrounding Double-Gate MOSFET Parameters Using Image Acquisition," **Journal of Signal Processing Theory and Applications**, vol. 2, no. 1, pp. 43-53, 2013.
<http://dx.doi.org/10.7726/jspta.2013.1003>
- [14] Viranjay M. Srivastava, K. S. Yadav, and **G Singh**, "DP4T RF CMOS switch: A better option to replace SPDT switch and DPDT switch," **Recent Patents on Electrical & Electronic Engineering**, vol. 5, no. 3, pp. 244-248, Dec. 2012.
<http://dx.doi.org/10.2174/2213111611205030244>
- [15] K R Jha and **G Singh**, "[Analysis and design of terahertz microstrip antenna on photonic bandgap material](#)," **Journal of Computational Electronics**, vol. 11, no. 4, pp. 364-373, Dec. 2012.

- <http://dx.doi.org/10.1007/s10825-012-0416-9>
- [16] Vivek K Dwivedi and **G Singh**, "A novel Marginal MGF based analysis of the channel capacity over Correlated Nakagami-m fading with Maximal-Ratio Combining diversity", *Progress In Electromagnetic Research B*, vol. 41, pp. 333-356, 2012.
- <http://dx.doi.org/10.2528/PIERB12041901>
- [17] P K Gupta and G Singh, "Minimizing power consumption by personal computers: a technical survey," *International Journal Information Technology and Computer Science*, vol. 4, no. 10, pp. 57-66, September 2012.
- <http://dx.doi.org/10.5815/ijitcs.2012.10.07>
- [18] K R Jha and **G Singh**, "Analysis and design of ring-resonator integrated hemi-elliptical lens antenna at terahertz frequency," *Optics Communication*, vol. 285, no. 16, pp. 3445-3452, July 2012.
- <http://dx.doi.org/10.1016/j.optcom.2012.03.028>
- [19] Vivek K Dwivedi and **G Singh**, "Repeated correlative coding scheme for mitigation of inter-carrier interference in an orthogonal frequency division multiplexing system," *IET Communication*, vol. 6, no. 6, pp. 599-603, April 2012.
- <http://dx.doi.org/10.1049/iet-com.2010.0870>
- [20] Viranjay M. Srivastava, K. S. Yadav, and G Singh, "[Drain current and noise model of cylindrical surrounding double-gate MOSFET for RF switch](#)," *Procedia Engineering*, vol. 38, pp. 517-521, 2012.
- <http://dx.doi.org/10.1016/j.proeng.2012.06.064>
- [21] Viranjay M. Srivastava, K. S. Yadav, and G Singh, "[Optimization of drain current and voltage characteristics for DP4T double-gate RF CMOS switch at 45-nm technology](#)," *Procedia Engineering*, vol. 38, pp. 486-492, 2012.
- <http://dx.doi.org/10.1016/j.proeng.2012.06.060>
- [22] S V R K Rao and G Singh, "[Wavelet based spectrum sensing techniques in cognitive radio](#)," *Procedia Engineering*, vol. 38, pp. 880-888, 2012.
- <http://dx.doi.org/10.1016/j.proeng.2012.06.111>
- [23] K R Jha and **G Singh**, "Prediction of highly directive probe-fed microstrip antenna at terahertz frequency," *Int. Journal of Numerical Modelling: Electronics Networks, Devices and Fields*, vol. 25, no. 2, pp. 175-191, March/April 2012.

<http://dx.doi.org/10.1002/jnm.822>

- [24] Ila Sharma and **G Singh**, "A novel approach for spectrum access technique by using fuzzy logic in cognitive radio," *Int. J. Information Technology and Computer Science*, vol. 4, no. 8, pp. 1-9, August 2012.

<http://dx.doi.org/10.5815/ijitcs.2012.08.01>

- [25] Viranjay M. Srivastava, K. S. Yadav, and **G. Singh**, "Analysis of drain current and switching speed for SPDT switch and DPDT switch with proposed DP4T RF CMOS switch," *Journal of Circuits, Systems, and Computers*, vol. 21, no. 3, pp. 1250026/1-18, 2012.

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- <http://dx.doi.org/10.4304/jetwi.3.4.263-267>
- [39] Viranjay M. Srivastava, K. S. Yadav, and **G. Singh**, “Measurement Process of MOSFET Device parameters with VEE Pro Software for DP4T RF Switch,” *International Journal Communications, Network and System Sciences*, vol. 4, no. 9, pp. 590-600, Sept. 2011.
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http://riverpublishers.com/river_publisher/journal_details_manage.php?page=journal_articles&issn=1904-4720&vol=1&issue=2#1

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INTERNATIONAL CONFERENCES/SYMPOSIUM

- [43] K R Jha, Garima Bharti, **G Singh** and R Jyoti, "A Method to Improve the Angular Stability of FSS," **Proc. 4th Applied Electromagnetics Conference, AEMC 2013, 18-20 December 2013, India.**

- [44] Garima Bharti, K R Jha, **G Singh** and R Jyoti, "Circular ring frequency selective surface: A novel synthesis technique," **Proc. 6th International Conference on Contemporary Computing (IC3-2013), August 8-10, 2013, India, pp. 491-496.**

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- [45] Shweta Pandit and **G Singh**, "Self-scheduled MAC-Layer protocol for spectrum sharing in cognitive radio communication," **Proc. 6th International Conference on Contemporary Computing (IC3-2013), August 8-10, 2013, India, pp. 250-255.**

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- [46] Garima Bharti, K R Jha, **G Singh** and R Jyoti, "Analysis of circular ring frequency selective surface at Ka/Ku band," **Proc. 3rd IEEE International Advance Computing Conference (IACC-2013), February 22-23, 2013, India.**

<http://dx.doi.org/10.1109/IAdCC.2013.6514215>

- [47] Shweta Pandit and **G Singh**, "Spectrum sharing in cognitive radio using game theory," **Proc. 3rd IEEE International Advance Computing Conference (IACC-2013), February 22-23, 2013, India.**

<http://dx.doi.org/10.1109/IAdCC.2013.6514449>

- [48] P K Gupta and **G Singh**, "User centric framework of power schemes for minimizing energy consumption by computer systems," International Conference on Radar, Communication and Computing, (ICRCC-12), Dec. 2012.

<http://dx.doi.org/10.1109/ICRCC.2012.6450546>.

- [49] Viranjay M. Srivastava, K. S. Yadav, and **G. Singh**, "An Approach to Designing of Cylindrical Surrounding Double-Gate MOSFET," **Proc. IEEE 2011 International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications (MAPE-2011)**, Nov. 1-3, 2011, Beijing, China, pp. 313-316.

<http://dx.doi.org/10.1109/MAPE.2011.6156228>

- [50] Viranjay M. Srivastava, K. S. Yadav, and **G. Singh**, "Possibilities of HfO₂ for Double-Pole Four-Throw Double-Gate RF CMOS Switch," **Proc. IEEE 2011 International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications (MAPE-2011)**, Nov. 1-3, 2011, Beijing, China, pp. 309-312.

<http://dx.doi.org/10.1109/MAPE.2011.6156224>

Faculty Profile

Jaypee University of Information Technology
Department of ELECTRONICS & COMMUNICATION ENGINEERING

General Information

	First Name	Middle Name	Last Name
Name of Faculty	MEENAKSHI		SOOD
Father's Name	MANU	DEV	BATRA
Mother's Name	KRISHNA		BATRA
Date of Birth	(dd/mm/yyyy)		
Home Address	18/09/1971		
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Pin Code	SHIMLA	State	H.P.
Email	171002	Mobile	9418216200
PAN No.	Meenakshi.sood@juit.ac.in		
	AZIPS7517D		

Educational Credentials (Starting with Ph D/PG Degree)

Degree	Year	University	Discipline/Specialization
PhD(pursuing)		JUIT	BIOMEDICAL SIGNAL PROCESSING
M.E	2009	PANJAB UNIV	Electronics & Communication
B.E	1994	M.D. UNIVERSITY HARYANA	Electronics & Communication
10+2	1989	HARYANA BOARD	Non-medical

Previous Organisations (Starting From Current)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT , Wagnaghat	Astt Prof.	Teaching	10Jan 2011	Till date
NIT Hamirpur	Lecturer	Teaching	1 Aug 2005	09Jan2011
JNV SOLAN	Faculty-cum System Administration	Teaching & System administration	1 April 2002	31July2005
UCBS HP University	Lecturer	Teaching	April1998	March2002

List of Publications (with JUIT address only)

Papers Published In International Journals:

1. **Meenakshi Sood** and Sunil V. Bhooshan, “Design and Development of Prediction Model to Detect Seizure Activity Utilizing Higher Order Statistical Features of EEG signals”
Res. J. Pharm., Biol. Chem. Sci. June 2014; 5(3):pp 1129-1145. *Scopus and EMBASE Indexed* Impact factor 0.35
2. **Meenakshi Sood**, Vinay Kumar, Sunil V. Bhooshan, “ Comparison of Machine Learning Methods for prediction of epilepsy by Neurophysiological EEG signals”, Int J Pharm Bio Sci 2014 April; 5 (2): (B) 6 – 15 (*Scopus and EMBASE Indexed*) Impact factor 0.67
3. **Meenakshi Sood**, Vinay Kumar, Sunil V. Bhooshan,” Review of State of Art in Electrooculogram Artifact Removal from Electroencephalogram Signals,” International Journal of Enhanced Research in Science Technology & Engineering Vol. 2 Issue 4, April-2013, pp: 32-41, *IMPACT FACTOR: 1.25*
4. **Meenakshi Sood**, AmitBir Singh Chadha, Abhishek Goyal, Davisha Verma, “ Automated Railways Collision Avoidance System Using Wireless Networks,” UACEE International Journal of Advances in Computer Networks and its Security – IJCNS, Vol. 3, no. 2, pp. 68-71, June 2013
5. **Meenakshi Sood**, S.S.Pattnaik, “Performance of Controllable Triangular Split Structure Metamaterial” in “Journal of Electrical and Electronics Engineering" Vol 5, Number1,May 2012, pp 221-224. ISSN 1844-6035
6. Anita Khanna, **Meenakshi Sood**, and Swapna Devi “US Image Segmentation Based on Expectation Maximization and Gabor Filter” in International Journal of Modeling and Optimization, Vol. 2, No. 3, June 2012, pp 230-233. DOI: 10.7763/IJMO.2012.V2.117

Papers Published In International Conferences:

1. **Meenakshi Sood** and Sunil V. Bhooshan, “Automatic Processing of EEG signals for Seizure Detection using Soft Computing Techniques”, IEEE International Conference on Recent Advances and Innovations in Engineering , (ICRAIE-2014) 09-11, May – 2014 Poornima University, Jaipur
DOI:[10.1109/ICRAIE.2014.6909180](https://doi.org/10.1109/ICRAIE.2014.6909180)
2. Aditya Ahuja, Nikita Gupta, Kamal Dewan, **Meenakshi Sood**, “Deploying Pragmatic Techniques for Campus Network Design ,”(Best Paper Award), Proceedings of SARC-IRF International Conference, 12th April-2014, New Delhi, India, ISBN: 978-93-84209-03-2.
3. Amandeep Goyal, Naina Singh, **Meenakshi Sood**, “Texture Based Classification for Face Recognition”, Proceedings of 4th SARC-IRF International Conference, 27th April-2014, New Delhi, India, ISBN: 978-93-84209-08-7. (*Best Paper Award*)
4. Meenakshi Sood, Vasundhara Anand, Pranav Bhasin, Ankit Sharma, “Wirelessly Controlled Voice Operated Robot,” Second Intl. Conf. on Advances in Electronics, Electrical and Computer Engineering -- EEC 2013, doi:10.3850/978-981-07-6935-2_49, 22 - 23 June, 2013 Dehradun, India, pp 244-24

Consulting, Advisory, and Other External Appointments

1. Technical expert in the interview board at MNIT JAIPUR 1-3 April 2014
2. Invited as an Expert by Haryana Technical Board.
3. Appointed as OBSERVER by CBSE for conduct of AIEEE Examination 2012
4. External Supervisor for M.Tech Dissertation at National Institute of Technology, Hamirpur

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
FDP	JUIT	11-07-2014	Participant
International Conference ISPCC-13	IEEE , JUIT Solan	Sep 26-28, 2013.	Organizing committee

TEQIP-II National Workshop on Engineering Application for Sustainable Development	National Institute of Technology, Hamirpur.	15 th to 17 th Feb 2013	Participant
Soft computing tools & practice on signal and image processing application.	National Institute of Technology, ROURKELA, ODISHA.	9 th July to 14 th July 2012 ,	Participant
International Conference ISPCC-12	JUIT Solan	March 15-17, 2012	Organizing committee member
Summer School on “Springboard Women Development ”	Springboard and JUIT	2012	Participant
Summer School on Wireless Sensor Networks	IUCEE JUIT Solan	5th to 9th July, 2011	Coordinator in
Summer School on “Electronic and Electro-optic Materials”	IUCEE and JUIT	30-May’11 to 3 June’11	Participant
Workshop on LABVIEW	NI and JUIT Solan	17-18, Feb 2011	Participant

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
DIGITAL ORGANISATION	-		ICDOEL HP UNIVERSITY

Faculty Profile

Jaypee University of Information Technology

Department of Mathematics

General Information

Name of Faculty	First Name Rakesh	Middle Name Kumar	Last Name	
Father's Name	Sajjan	Kumar	Bajaj	
Mother's Name	Lalita (dd/mm/yyyy)	Devi	Bajaj	
Date of Birth	22/02/1980			
Home Address	301, Gharounda Apartment, Dangratoli Chowk			
City	Ranchi	State	Jharkhand	Pin Code 834001
Mobile	9816337725	Email	rakesh.bajaj@juit.ac.in	
PAN No	AFTPB0038H			

Educational Credentials (Starting with Ph D/PG Degree)

Degree	Year	University	Discipline/Specialization
PhD	2009	Jaypee University of Information Technology, Wagnaghat	Fuzzy and Intuitionistic Fuzzy Information Measures
M.Sc.	2003	Indian Institute of Technology, Kanpur	Mathematics
B.Sc. (Hons.)	2000	Banaras Hindu University, Varanasi	Mathematics

Previous Organisations (Starting From Current)

Organisation Name & Address	Designation	Job Description	From	To
NA	NA	NA	NA	NA

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.

Books

- “*Fuzzy Sets and Information: A Generalized Approach*” authored by Rakesh Bajaj, D.S. Hooda and H. Singh (a monograph of my Ph.D. Thesis) with M/s. LAP Lambert Academic Publishing AG & Co., Saarbrucken, Germany, ISBN: 978-3838351483.
- “*Advances in Energy Aware Computing and Communication Systems*” Editors: H. Singh, Jimson Mathew, Rakesh Bajaj, Mahesh P., McGraw Hill Education, New Delhi, ISBN: 9-35-134332-4.

Invited Conference Talks

- Invited for a Plenary Talk in Second International Conference on Advances in Computing & Communications (ICACC2012) / International Conference on Eco-friendly Computing and Communication Systems (ICECCS2012), organized by Rajagiri School of Engineering and Technology (RSET), Cochin, Kerala, during 9 - 11 August, 2012.
2. List the journal and conference publications in separate lists.

Journal Publications

Academic Year (July 2013 – June 2014)

- Kumar T., Rakesh Kumar Bajaj, Gupta N. (2014). Fuzzy entropy in fuzzy weighted linear regression model under linear restrictions with simulation study. *International Journal of General Systems*, 43(2), 135-148.
- Tanuj Kumar, Rakesh Kumar Bajaj (2014). Reliability Analysis of k-out-of-n: G System Using Triangular Intuitionistic Fuzzy Numbers. *World Academy of Science, Engineering and Technology*, 8 (2), 373-379.

Academic Year (July 2012 – June 2013)

- Gupta N., Rakesh Kumar Bajaj (2013). On partial monotonic behaviour of some entropy measures. *Statistics & Probability Letters*, 83 (5), 1330-1338.
- Rakesh Kumar Bajaj, Tanuj Kumar, Nitin Gupta (2012). R-norm Intuitionistic Fuzzy Information Measures and Its Computational Applications. *Communications in Computer and Information Science*, 2012, Volume 305, 372-380.
- Gupta N., Rakesh Kumar Bajaj (2012). Stochastic Comparisons of Heterogeneous Samples with Homogeneous Exponential Samples. *World Academy of Science, Engineering and Technology*, 6 (8), 541-543.
- Nitin Gupta, Neeraj Gandotra, Rakesh Kumar Bajaj (2012). Reliability Properties of Residual Life Time and Inactivity Time of Series and Parallel System. *Journal of Applied Mathematics, Statistics and Informatics*, 8 (1), 5-16.

Academic Year (July 2011 – June 2012)

- Neeraj Gandotra, Rakesh Kumar Bajaj, Nitin Gupta (2011). On Some Reliability Properties of Mean Inactivity Time under Weighing. *International Journal of Computer Applications*, 30 (3), 28-32.
- Tanuj Kumar, Rakesh Kumar Bajaj, Nitin Gupta (2011). On Some Parametric Generalized Measures of Fuzzy Information, Directed Divergence and Information Improvement. *International Journal of Computer Applications*, 30 (9), 5-10.

Academic Year (Up to June 2011)

- Kaushal Kishore Sharma, Rakesh Kumar Bajaj, Ravindara Bhatt (2010). On Study, Comparison and Implementation of Fuzzy Algorithm on Iris Data Set. *Journal of Combinatorics, Information & System Sciences*, 35 (3-4), 439-457.
- Rakesh Kumar Bajaj, D.S. Hooda (2010). Generalized Measures of Fuzzy Directed-Divergence, Total Ambiguity and Information Improvement. *Journal of Applied Mathematics, Statistics and Informatics*, 6 (2), 31-44.
- D.S. Hooda, Rakesh Kumar Bajaj (2010). Useful Fuzzy Measures of Information, Integrated Ambiguity and Directed Divergence. *International Journal of General Systems*, 39 (6), 647-658.
- Rakesh Kumar Bajaj, Amit Srivastava, Hooda D.S (2009). Fuzzy Clustering Algorithm for Testing the Convergence of projected per capita GDP of BRIC and G6 Countries. *International Journal of Applied Mathematics and Statistics*, 1 (1), 1-12.
- Rakesh Kumar Bajaj, Amit Srivastava (2009). Study of Output Convergence pattern of BRIC Economies: Application of Fuzzy Mathematics. *The ICFAI University (IPU) Journal of Applied Economics*, 8 (3-4), 107-115.
- Rakesh Kumar Bajaj, Gaurav Garg, D.S. Hooda (2009). On Restricted Fuzzy Linear Regression Model. *International Review of Fuzzy Mathematics*, 4 (1-2), 11-23.
- D.S. Hooda, Rakesh Kumar Bajaj (2008). On Generalized R-norm Measures of Fuzzy Information. *Journal of Applied Mathematics, Statistics and Informatics*, 4 (2), 199-212.

Conference Publications

Academic Year (July 2012 – June 2013)

- Rakesh Kumar Bajaj, Tanuj Kumar, Nitin Gupta (2012). NTV Metric Based New Similarity Measure for Intuitionistic Fuzzy Sets with Its Computational Application in Medical Diagnosis. Proceedings of the International Conference on Advances in Computing and Communications (ICACC) [Cochin, Kerala : 9-11 August, 2012], pp.1-4.
- Tarun Kumar, Nitin Gupta, Rakesh Kumar Bajaj (2012). Reliability Evaluation of Series and Parallel Systems Using Trapezoidal Intuitionistic Fuzzy Sets. Proceedings of the Advances in Computing and Communications, International Conference on [Cochin, Kerala: 9-11 August, 2012], pp.219-222.
- Neeraj Gandotra, Rakesh Kumar Bajaj, Nitin Gupta (2012). Vendor Selection under Intuitionistic Trapezoidal Fuzzy Multiple Criteria Decision Making Model with Entropy Weights. Proceedings of the Advances in Computing and Communications, International Conference on [Cochin, Kerala : 9-11 August, 2012], pp.18-21.
- Tarun Kumar, Nitin Gupta, Rakesh Kumar Bajaj (2012). Fuzzy Entropy on Restricted Fuzzy Linear Regression Model with Cross Validation and Applications. Proceedings of the Advances in Computing and Communications, International Conference on [Cochin, Kerala: 9-11 August, 2012], pp.5-8.
- Nitin Gupta, Neeraj Gandotra, Rakesh Kumar Bajaj (2012). Reliability Properties of Series and Parallel Systems under Equilibrium Distribution. Proceedings of the Advances in Computing and Communications, International Conference on [Cochin, Kerala : 9-11 August, 2012], pp.203-206.
- Rakesh Kumar Bajaj, Nitin Gupta (2012). Utility and Fuzziness Aspects of the Information Measures in Experimental Observations and Computations. Proceedings of the [Advances in Computing and Communications, International Conference on : Cochin, Kerala : 9-11 August, 2012], pp.9-13.

Academic Year (July 2011 – June 2012)

- Neeraj Gandotra, Rakesh Kumar Bajaj, Nitin Gupta (2012). Sorting of Decision Making Units in Data Envelopment Analysis with Intuitionistic Fuzzy Weighted Entropy. Proceedings of the International Conference on Computer Science,

Engineering and Applications [New Delhi, India : May 25-27, 2012], pp.567-576.

Academic Year (Up to June 2011)

- Rakesh Kumar Bajaj, Hooda D.S. (2010). On some new generalized measures of fuzzy information. Proceedings of the Proceedings of World Academy of Science, Engineering and Technology [Penang, Malaysia : February 24-26, 2010], pp.747-753..

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
Science Camps under INSPIRE Internship programme	Shoolini University, Solani	05/10/2014 to 09/10/2014	Resource Person
Science Camps under INSPIRE Internship programme	Shoolini University, Solani	28/04/2014 to 02/05/2014	Resource Person
Global Culture, Technology and Business	University of Nebraska at Omaha (UNO), USA	17/06/2012 to 28/06/2012	Participant
Scilab Spoken Tutorial	Automation Lab, Chemical Engineering Department, IIT Bombay (JUIT Waknaghat)	13/06/2012	Participant
Data Mining and Parallel Computing	JUIT, Waknaghat & University of Florida, USA	02/08/2011 to 05/08/2011	Participant

Artificial Neural Networks, Pattern Recognition, Computer Vision and Multimedia Information Retrieval	Indo-US Faculty Leadership Institute at JUIT Waknaghat	04/07/2011 to 08/07/2011	Participant
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Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
Nil	Nil	Nil	Nil

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S . N o.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014
	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Nil	Nil	Nil	Nil

Faculty Profile: DR. SURAJIT KUMAR HAZRA

Jaypee University of Information Technology

Department of PHYSICS & MATERIALS SCIENCE

General Information

Name of Faculty	First Name SURAJIT	Middle Name KUMAR	Last Name HAZRA
Father's Name	KALYAN	KUMAR	HAZRA
Mother's Name	MIRA		HAZRA
Date of Birth	(dd/mm/yyyy) 02/04/1978		
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City: DURGAPUR		State: WB	Pin Code:713212
Mobile:		Email:	
8894818236		surajit.hazra@juit.ac.in	
PAN No:			
AFIPH0946K			

Educational Credentials (Starting with Ph.D/PG Degree)

Degree	Year	University	Discipline/Specialization
Ph.D	2006	IIT, KHARAGPUR	MATERIALS SCIENCE
M.Sc.	2001	THE UNIVERSITY OF BURDWAN	PHYSICS
B.Sc.	1999	RAJ COLLEGE, BURDWAN	PHYSICS

Previous Organisations (Starting From Current)

Organisation Name & Address	Designation	Job Description	From	To
JUIT, WAKNAGHAT, INDIA	A.P.(GRADE -II)	TEACHING & RESEARCH	AUG 2013	TILL DATE
JUIT, WAKNAGHAT, INDIA	A.P.(GRADE -I)	TEACHING & RESEARCH	DEC 2010	JULY 2013
IOP, BHUBANESWAR, INDIA	POST DOCTORAL FELLOW	RESEARCH	OCT 2010	NOV 2010
UNIBS, BRESIA, ITALY	POST DOCTORAL FELLOW	RESEARCH	MAY 2009	APRIL 2010
SNU, SEOUL, SOUTH KOREA	POST DOCTORAL FELLOW	RESEARCH	JAN 2007	DEC 2008

List of Publications (with JUIT address only)

Books, invited conference talks and plenary lectures (2011-2014).

NIL

Journal and Conference Publications:

Journal Publications(2013-14)

1. Neha Sharma, Sunanda Sharda, Dheeraj Sharma, Vineet Sharma, P.B. Barman, S.C. Katyal, Pankaj Sharma, and S. K. Hazra, “Effect of Substitutional Doping on Temperature Dependent Electrical Parameters of Amorphous Se-Te Semiconductors”, *Electronic Materials Letters*. Vol 9(5) (2013) 629-633. doi:<http://dx.doi.org/10.1007/s13391-013-3002-9> (The Korean Institute of Metals and Materials)
2. A. Hazra, S.K. Hazra, E. Bontempi, V.N. Lakshmi, S. Sinha, C.K. Sarkar, S. Basu, “Anodically grown nanocrystalline titania thin film for hydrogen gas sensors—A comparative study of planar and MAIM device configurations” *Sensors and Actuators B*, Vol 188, (2013), 787-796 (Elsevier)
3. A. Hazra, S.K. Hazra, D. Dutta, C.K. Sarkar, S. Basu, “Studies on Hydrogen Sensing by Anodized Nanoporous Titania Thin Film Using Soft Drink Electrolyte”, *Frontiers in Sensors* Vol 1 Issue 2 (2013) 17-26 (Science and Engineering Publishing Company).
4. D. Gupta, D. Dutta, M. Kumar, P.B. Barman, C.K. Sarkar, S. Basu, S.K. Hazra, “A low temperature hydrogen sensor based on palladium nanoparticles”, *Sensors and Actuators B: Chemical*, 196 (2014) 215-222 (Elsevier)

Conference Publications (2013-2014)

1. D. Gupta, P.B. Barman, S.K. Hazra, “Synthesis of palladium nanoparticles for selective hydrogen sensing”, International Conference on Electron Microscopy & XXXV Annual Meeting of Electron Microscope Society of India (Emsi-2014), July 9-11, 2014, Delhi, India.

Journal & Conference Publications (2012-13): NIL

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Research & Publications (Papers/Books)	Prof. C.K.Sarkar & Prof. S. Basu	Jadavpur University, India	NA
Research & Publications (Papers/Books)	Prof. T. Som	Institute of Physics, India	NA

Faculty Profile - R. S. RAJA DURAI

Jaypee University of Information Technology

Department of **Mathematics** _____

General Information

	First Name	Middle Name	Last Name
Name of Faculty	R. S. RAJA		DURAI
Father's Name	Serma		Durai
Mother's Name	Annamariyaal		

(dd/mm/yyyy)
Date of Birth 14/05/1975

Home Address

City	State	Pin Code	
Chennai	Tamil Nadu	600059	
Mobile	Email	rs_rajadurai@yahoo.co.in	
PAN No	AKKPR4034M		

Educational Credentials (Starting with Ph.D/PG Degree)

Degree	Year	University	Discipline/Specialization
Ph.D	2004	I.I.T Madras	Algebraic Coding Theory
M.Sc	1999	I.I.T Madras	Mathematics
B.Sc	1997	Loyola College (Autonomous)	Mathematics

Previous Organizations (Starting From Current)

Organization Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
Jaypee University of Information Technology, Waknaghat, Solan, HP	Associate Professor	Teaching	01/08/2013	to-date
Jaypee University of Information Technology, Waknaghat, Solan, HP	Assistant Professor	Teaching	14/07/2008	31/07/2013
MGR University, Chennai, Tamil Nadu	Assistant Professor	Teaching	01/2008	06/2008
VIT University, Vellore, Tamil Nadu	Lecturer	Teaching	07/2006	11/2007

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year wise for academic years (July-June)
 - a. 2013-14
 - b. 2012-13
 - c. 2011-12
 - d. Upto June 2011

Journal Publications:

- [1] R. S. Raja Durai and Meenakshi Devi, “A Coding Scheme that Increases the Code Rate,” *Journal of Computational and Applied Mathematics (Springer)*, vol. 33(3), pp. 575-589, October 2014.
- [2] R. S. Raja Durai and Meenakshi Devi, “Some Constructions of \mathcal{T} -Direct Codes Over $GF(2^N)$,” *Advances in Intelligent Systems and Computing (Springer)*, vol. 235, pp. 123-129, 2013.
- [3] R. S. Raja Durai and Meenakshi Devi, “On the Class of \mathcal{T} -Direct Codes Over $GF(2^N)$,” *International Journal of Computer Information Systems and Industrial Management (IJCISIM)*, vol. 5, pp. 589-596, 2013.
- [4] R. S. Raja Durai and Meenakshi Devi, “Concatenated Codes with Complementary Duals,” *GAMS Journal of Mathematics and Mathematical Biosciences (GAMS-JMMB)*, vol. 3, pp. 1-10, 2012.

Conference Publications:

- [1] R. S. Raja Durai and Meenakshi Devi, “Coding and Capacity Calculation for the \mathcal{T} -user F-Adder Channel,” *Communications in Computer and Information Science (Springer)*, pp. 542-551, 2012.
- [2] R. S. Raja Durai and Meenakshi Devi, “Construction of $(\mathcal{N} + \mathcal{M})$ -Direct codes in $GF(2^N)$,” in proceedings of *World Congress on Information and Communication Technologies (WICT'11)*, pp. 770-775, December 11-14, 2011, Mumbai, India.
- [3] R. S. Raja Durai, “A Class of Optimal Complete-Complementary Codes of Different Length,” in proceedings of *5th International Workshop on Signal Design and its Applications in Communications (IWSDA'11)*, pp. 92-95, October 10-14, 2011, Guilin, China.

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
Erasure Techniques in MRD Codes, Columbus, OH: ZIP publishing, 2012	Prof. Florentin Smarandache	University of New Mexico (Department of Mathematics)	

Faculty Profile

Jaypee University of Information Technology
Department of **Electronics and Communication Engineering**

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Durgesh	Chandra	Kulshreshtha
Father's Name	Raghubir	Prasad	Atheya
Mother's Name	Shanti	Devi	Kulshreshtha
	(dd/mm/yyyy)		
Date of Birth	20/07/1946		
Home Address	B-2/4, Jaypee University, Wakanghat		
City	SOLAN	State	Himachal Pradesh
Pin Code	173234	Mobile	9816335888
Email	dckulshreshtha@juit.ac.in		
PAN No.	AJKPK9492R		

Educational Credentials (Starting with Ph D/PG Degree)

Degree	Year	University	Discipline/Specialization
M.Tech	1980	Delhi	Advance Electronics
B.Tech	1967	IIT Kharagpur	Electronics and Electrical Communication

Previous Organisations (Starting From Current)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Professor	Teaching	14/07/03	To date
IEC College of Engineering, G. Noida	Professor & HOD	Teaching	02/01/02	30/05/02
Galgotia College of Engg., G. Noida	Professor	Teaching	12/07/01	30/12/01
Delhi College of Engineering, Delhi	Asstt Professor	Teaching	Jan., 1975	26/11/96
Wireless Monitoring Station, Srinagar	Engineer	OIC	May, 1972	Dec., 75
Frequency Section, Min. of Commn., Govt. of India	Engineer	Section IN CHARGE	July, 1970	April, 1972
Delhi College of Engineering, Delhi	Lecturer	Teaching	Dec,1967	June, 1970

List of Publications (with JUIT address only)

1. Papers, books, invited conference talks and plenary lectures should be listed under respective heads.
2. List the journal and conference publications in separate lists.
3. Starting from the most recent, list them year-wise for academic years (July-June)

- a. 2013-14 **Book** : “Basic Electronics and Linear Circuits” 2nd Ed.; McGraw Hill
- b. 2012-13
- c. 2011-12 **Book** : “Basic Electrical Engineering”, 1st Revised Ed., McGraw Hill
- d. Upto June 2011

Books :

- i. “Electronic Devices and Circuits”, New Age, Delhi
- ii. “Electronics Engineering”, New Age, Delhi

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)

Start with most recent

Patents; design, or copyright	Awarded/Published by	Ref Number	Date

Funded R&D Projects and Consultancy (FRDC) Work

Start with most recent

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	Amount received/sanctioned during the financial year (FY)		
					2011-2012	2012-13	2013-2014

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)

Faculty Profile

Jaypee University of Information Technology

Department of Physics and Material Science

General Information

	First Name	Middle Name	Last Name		
Name of Faculty	Sunil	Kumar	Khah		
Father's Name	Bhasker	Nath	Khah		
Mother's Name	Santosh		Khar		
	(dd/mm/yyyy)				
Date of Birth	09/09/1969				
Home Address	Flat No- B7, Block No- B1 Sugandha Appartments Saproon				
City	Solan	State	H.P.	Pin Code	173212
Mobile	9816975754	Email	sunil.khah@juit.ac.in		
PAN No	AKQPK8916P				

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	1999	Dr.B.R.Ambedkar University, Agra	Physics/Microwave Communication
M.Phil	1994	Agra University, Agra	Physics/Microwave Communication
M.Sc	1993	Agra University, Agra	Physics/Electronics Communication
B.Sc	1991	Kashmir University, Srinagar	Electronic Sciences Group

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From	To
Jaypee University of Information Technology, Waknaghat, Solan	Professor	Teaching and Research	1 st July,2011	Cont.
School of Electrical & Computer Engineering, Dayton University, Dayton, Ohio-US	Visiting Researcher/Visiting Professor	Teaching and Research	18 th Sept,2012	30 th June, 2013
Jaypee University of Information Technology, Waknaghat, Solan	Associate Professor	Teaching and Research	1 st July, 2008	30 th June,2011
Jaypee University of Information Technology, Waknaghat, Solan	Assistant Professor	Teaching and Research	1 st July,2005	30 th June,2008
Jaypee University of Information Technology, Waknaghat, Solan	Sr.Lecturer	Teaching and Research	16 th April, 2003	30 th June, 2005
Jaypee University of Information Technology, Waknaghat, Solan	Lecturer	Teaching and Research	1/8/2002	15 th April, 2003

RF Lab. Institute For Plasma Research, Bhat Gandhinagar, Gujrat	Postdoctoral Fellow	Research	1/5/2001	25/7/2002
Deptt. of Instrumentation, Daudayal Institute of Vocational Education, Agra University	Lecturer on Contract	Teaching	1/9/ 1996	15/4/2001

List of Publications (with JUIT address only)

Journals

2014

1. Jai Verdhan Chauhan, Abhishek Kandwal, Sunil Kumar Khah (2014). High Frequency Multilayer Equally Spaced Nano Dot Antenna Array. International Journal of Emerging Technology and Advanced Engineering, 4 (1), 336-338.
2. Rakesh Sharma, Abhishek Kandwal, Sunil Kumar Khah (2014). A Novel Wideband Circular Ring DGS Antenna Design for Wireless Communications. Radioelectronics & Informatics Journal, &I, No4, pp. 9-11,2014

2013.

3. Abhishek Kandwal, Rakesh Sharma, Sunil Kumar Khah (2013). Dual Band Gap Coupled Antenna Design with DGS for Wireless Communications. Advanced Electromagnetics, 2 (3), -.
4. Abhishek Kandwal, Jai Verdhan Chauhan, Sunil Kumar Khah (2013). A New Compact Efficient Parasitically Coupled Notch Loaded Antenna Design. International Journal of Electronics Letters, 1 (3), 128-133.
5. Abhishek Kandwal, Sunil Kumar Khah (2013). Using Parasitic Elements for Implementing Sectoral Patch Antenna Array for X-Band Applications. International Journal of Microwave and Wireless Technologies, (), 1-9. [IF(2013) : 0.456] .
6. Abhishek Kandwal, Jai Verdhan Chauhan, Sunil Kumar Khah (2013). Gap coupled stacked antenna element array using different dielectric constant substrates. Journal of Electromagnetic Waves and Applications, (), -.
7. Sharma R., Kandwal A., Sunil Kumar Khah (2013). Wideband DGS circular ring microstrip antenna design using fuzzy approach with suppressed cross-polar radiations. Progress in Electromagnetics Research C, 42 (), 177-190.

8. Pawan Kumar , Subhash Chander Katyal, Sunil Kumar Khah, Nitin Rawat, Rajesh Kumar (2013). Magnetic thin film formation on the surface of solution induced via island growth of nanoparticles. *Advanced Materials Letters*, 4 (1), 74-77.
9. Kandwal A., Sharma R., Sunil Kumar Khah (2013). Bandwidth enhancement using Z-shaped defected ground structure for a microstrip antenna. *Microwave and Optical Technology Letters*, 55(10), 2251-2254. [IF(2013) : 0.623] .
10. Kandwal A., Sunil Kumar Khah (2013). A novel design of gap-coupled sectoral patch antenna. *Antennas and Wireless Propagation Letters, IEEE*, 12 (), 674-677. [IF(2013) : 1.948] .

2012

11. Pawan Kumar, Sunil Kumar Khah, Rajesh Kumar (2012). Synthesis of magnetic thin films on glass substrates using NH₃ vapor. *Material Science Forum*, 710 (), 762-767.
12. Abhishek Kandwal, Sunil Kumar Khah (2012). Circular Patch Antenna with Square Shaped Defect for Wireless Communication. *Electromagnetic Compatibility, 2012 International Symposium on*(,), 1-5. [IF(2013) : Conference] .
13. R.Sharma, A. Kandwal, Sunil Kumar Khah (2012). Compact Wideband Circular ring Defected Ground Antenna. *Advanced Computational Techniques in Electromagnetics*,
14. Kandwal A., Chakravarty T., Sunil Kumar Khah (2012). Circuit method for admittance calculation of gap-coupled sectoral antennas. *Microwave and Optical Technology Letters*, 54 (1), 210-213.[IF(2013) : 0.623] .

2011

15. M.Mahajan, T Chakravarty, Sunil Kumar Khah (2011). Input Impedance of Asymmetrically Loaded Annular Ring Antenna. *Journal of Electromagnetic Analysis and Applications*, 3 (3), 90-93.
16. Mahajan M., Tapas Chakarvarty, Sunil Kumar Khah (2011). Asymmetrically loaded annular ring antenna. *AEU - International Journal of Electronics and Communications*, 65 (11), 954-957.[IF(2013) : 0.696] .

Till 2010

17. S. Bhardwaj, H.P.Sinha, **Sunil Kumar Khah** (2010). Study of return loss of an array of stacked microstrip ring antennas. *International Journal of Information Technology and Knowledge Management*, 2 (2), 285-286.
18. Naveen Kumar Saxena, Nitendar Kumar, Pradeep Kumar Singh, Pourush, **Sunil Kumar Khah**(2010). Polarized Switchable Microstrip Array Antenna Printed on LiTi Ferrite. *International Journal of Microwave and Optical Technology*, 5 (3), 134-139.
19. N.K. Saxena, N. Kumar, P.K.S. Pourush, **Sunil Kumar Khah** (2010). Study of magnetic properties of substituted LiTiZn-ferrite for microwave antenna applications. *Optoelectronics And Advanced Materials-Rapid Communications*, 4 (3), 328-331. [IF(2013) : 0.449] .
20. **Sunil Kumar Khah**, Chakarvarty T., Balamurali P. (2009). Analysis of an electromagnetically coupled microstrip ring antenna using an extended feedline. *Journal of Electromagnetic Waves and Applications*, 23 (03-Feb), 369-376.
21. Mahajan M., **Sunil Kumar Khah**, Chakarvarty T., De A. (2008). Computation of resonant frequency of annular microstrip antenna loaded with multiple shorting posts. *Iet Microwaves Antennas & Propagation*, 2 (1), 1-5. [IF(2013) : 0.969] .
22. Tapas Chakarvarty, **Sunil Kumar Khah**, De A. (2008). Closed-form expressions for computation of mutual admittance of a class of gap-coupled circular microstrip antennas. *Microwave and Optical Technology Letters*, 50 (4), 924-927. [IF(2013) : 0.623] .
23. Mahajan M., **Sunil Kumar Khah**, Chakarvarty T., De A. (2008). Resonant frequency of asymmetrically loaded annular microstrip antenna. *Microwave and Optical Technology Letters*, 50(9), 2351-2353. [IF(2013) : 0.623] .
24. Mahajan M., Tapas Chakarvarty, **Sunil Kumar Khah**, De A. (2008). Extended cavity model for input impedance of annular microstrip antenna loaded with multiple shorting posts. *Journal of Electromagnetic Waves and Applications*, 22 (10), 1333-1340.

25. Mahajan M., Chakravarty T., Sunil Kumar Khah (2007). Analysis of ferrite based planar array of rectangular patch microstrip antenna in X-band. Indian Journal of Physics, 81 (8), 787-792.
26. M.Mahajan, Tapas Chakarvarty, Sunil Kumar Khah (2007). Analysis of superstrate covered circular microstrip antenna.. Optical and wireless communication, (), -.
27. Pradeep Kumar, Chakravarty T., Ghanshyam Singh, Sunil Vidya Bhooshan, Sunil Kumar Khah, De A. (2007). Numerical computation of resonant frequency of gap coupled circular microstrip antennas. Journal of Electromagnetic Waves and Applications, 21 (10), 1303-1311.
28. Mahajan M., Chakravarty T., Sunil Kumar Khah (2007). An improved method of approaching impedance computation of probe fed ring resonator. Microwave and Optical Technology Letters, 49 (7), 1681-1684. [IF(2013) : 0.623] .
29. Mahajan M., Sunil Kumar Khah, Chakravarty T. (2006). Extended cavity model analysis of stacked circular disc. Progress in Electromagnetics Research, 65 (), 287-308.

Conferences

30. Krishna Hari Sharma, Abhishek Kandwal, Sunil Kumar Khah (2013). A Novel Nano-Antenna Design for Pentahertz Frequency. Proceedings of the Proceeding of International Conference on Recent Trends in Applied Physics and Material Science [Bikaner, Rajasthan, India : 1–2 February 2013], pp.1151-1152..
31. Abhishek Kandwal, Rakesh Sharma, Sunil Kumar Khah (2013). A 0.5-1.0 GHz Microstrip Antenna Design for Mobile Communications. Proceedings of the Mecon Proceedings [:], pp.-..
32. Rakesh Sharma, Abhishek Kandwal, Sunil Kumar Khah (2013). A Novel Multiband DGS Antenna with Enhanced Bandwidth for Wireless Communication. Proceedings of the Mecon Proceedings [:], pp.-..

33. Aabhishek Kandwal, **Sunil Kumar Khah** (2012). Circular Patch Antenna with Square Shaped Defect for Wireless Communication. Proceedings of the International Symposium on Electromagnetic Compatibility [Rome : 17-21 September, 2012], pp.1-5..
34. Abhishek Kandwal, **Sunil Kumar Khah** (2011). Improved characteristics of DGS ring antenna in L-band. Proceedings of the Antennas and Propagation Conference [Loughborough, United Kingdom : 14-15 November, 2011], pp.1-3..
35. **Sunil Kumar Khah** (2011). Stacked element microstrip antenna array for wideband applications. Proceedings of the 98th Indian Science Congress, Engineering Section [:], pp.-..
36. Pawan Kumar, Rajesh Kumar, S.C. Katyal, **Sunil Kumar Khah** (2011). Coating of magnetite nanoparticles on sand particles by chemical co-precipitation method. Proceedings of the National Conference on Recent Trends in Materials Science [: October 08-10, 2011.], pp.-..
37. Mahajan M., Chakarvarty T., **Sunil Kumar Khah** (2009). A circuit model to compute impedance of electromagnetically coupled ring antenna. Proceedings of the European Conference on Antennas and Propagation [3rd : Berlin : 23-27 March 2009], pp.60-62..
38. Mahajan M., **Sunil Kumar Khah**, Chakarvarty T. (2008). Resonant frequency of annular ring pi antenna using shorting pins. Proceedings of the 2008 Asia-Pacific Symposium on Electromagnetic Compatibility and 19th International Zurich Symposium on Electromagnetic Compatibility, APEMC 2008 [:], pp.847-850..
39. Mahajan M., Chakravarty T., **Sunil Kumar Khah** (2008). Study of bandwidth and radiation Properties of loaded annular ring antenna. Proceedings of the 2008 International Conference of Recent Advances in Microwave Theory and Applications, MICROWAVE 2008 [:], pp.892-893..
40. Mahajan M., Chakarvarty T., **Sunil Kumar Khah** (2008). Study of return loss and radiation patterns of ring antenna using extended cavity model. Proceedings of the 2008 International Conference of Recent Advances in Microwave Theory and Applications, MICROWAVE 2008 [:], pp.157-158..

41. M.Mahajan, T Chakravarty, Sunil Kumar Khah (2007). Analysis of planar array of rectangular and circular patch microstrip antenna in X-band. Proceedings of the Optical and wireless communication, Conference [Punjab Engineering College, Chandigarh : 13 December 2007 - 15 December 2007], pp.-..
42. M.Mahajan, T Chakravarty, Sunil Kumar Khah (2007). Analysis of superstrate covered circular microstrip antenna.. Proceedings of the Optical and wireless communication [Punjab Engineering College, Chandigarh : 13 December 2007 - 15 December 2007], pp.-..
43. ☐ Sunil Kumar Khah, Singh P., Rabra S., Saxena R., Chakarvarty T. (2007). Broadband impedance matching technique for microwave amplifiers. Proceedings of the 2007 IEEE Applied Electromagnetics Conference, AEMC 2007 [:], pp.-..
44. Himanshu, Jaideep, M.Mahajan, Sunil Kumar Khah (2006). C/C++ based software for the simulation of rectangular microstrip patch antenna. Proceedings of the Proceedings of Nat. Conf. Recent Adv. Microwave Techniques & Appl. [University of Rajasthan Jaipur India : October, 2006], pp.214-216..
45. M.Mahajan, Sunil Kumar Khah (2006). Analysis of circular patch microstrip antenna with superstrate in X-band. Proceedings of the Proceedings of Nat. Conf. Recent Adv. Microwave Techniques & Appl.[University of Rajasthan Jaipur India : October, 2006], pp.345-347..
46. Sunil Kumar Khah (2004). Effect of substrate permittivity on the radiation performance of circular array of microstrip circular patch antenna. Proceedings of the ICMARS [Jodhpur :], pp.-..
47. Sunil Kumar Khah (2003). Radiation from superstrate covered microstrip antenna. Proceedings of the Proceedings of ICMARS [:], pp.39-42..

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant
AICTE Sponsored Faculty Development Program on Computer Aided VHDL	Jaypee University of Information Technology	03 rd – 13 th March, 2008	Resource person and coordinator
One week IUCEE workshop on “Opto-Electronic and Electronic Materials”	IUCEE & Jaypee University of Information Technology	30 th May-03 rd June 2011	Participant
One week Workshop on “Nanotechnology (Fabrication and Characterization)”	Jaypee University of Information Technology	11 th – 16 th December, 2013	Resource person and Participant
One week faculty development programme	Jaypee University of Information Technology	14 th – 19 th July, 2014	Participant

Faculty Intellectual Property Rights (FIPR) (National/International Patents; design, and copyrights)**Start with most recent**

Patents; design, or copyright	Awarded/Published by	Ref Number	Date
A Method and an Apparatus to increase antenna gain and reduce side lobe level in a Micro strip Antenna. (Design)	Submitted	2867/DEL/2013	27/09/2013

Funded R&D Projects and Consultancy (FRDC) Work**Start with most recent**

					Amount received/sanctioned during the financial year (FY)

S. No.	Name of Project	Funding Agency	Duration (over the year ----)	Total Amount	2011-2012	2012-13	2013-2014
1	Design of Ultralow Sidelobe Level Microstrip Antenna Array in X-Band	DRDO	3 years		8.78	5.58	5.99
2.	Shared Aperture Microstrip Antenna Array for L and S Band	CSIR	3 years		-	7.4	3.6

S. No.	Co-ordinator	Programme	Funding Agency	Amount	Duration
1	Dr Sunil Kumar Khah	Faculty Development programme on Computer aided VHDL	AICTE	1.96 Lac	15 days

Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)
			(not covered earlier)

Working on ferrite device (design completed)	Prof.Guru Subramanyam	School of Electrical & Computer Engineering, Dayton University, Dayton, Ohio-US	
--	-----------------------	--	--

Faculty Profile

Jaypee University of Information Technology

Department of Humanities and Social Sciences

General Information

	First Name	Middle Name	Last Name
Name of Faculty	Tanu		Sharma
Father's Name	Pranay	Kumar	Sharma
Mother's Name	Trishla		Sharma
	(dd/mm/yyyy)		
Date of Birth	26/9/1976		
Home Address	Jaypee University of Information Technology, Wagnaghat		
City	Solan	State	Himachal Pradesh
Pin Code		Mobile	9805423713
Email	tanu.sharma@juit.ac.in		
PAN No.	AZWP		

Educational Credentials (Starting with Ph D/PG Degree)

(Please enter one in a row. More rows may be added if required)

Degree	Year	University	Discipline/Specialization
PhD	2011	Jaypee University of Information Technology, Wagnaghat, Solan	Management/HRM
MJMC.	2008	Himachal Pradesh University, Shimla	
PGDPM & Labour Welfare	2005	Himachal Pradesh University, Shimla	
M.B.A.	2001	Himachal Pradesh University, Shimla	Marketing & Human Resources management.

Previous Organisations (Starting From Current)

(Please enter one in a row. More rows may be added if required)

Organisation Name & Address	Designation	Job Description	From dd/mm/yyyy	To dd/mm/yyyy
JUIT Waknaghat	Assistant Profesor	Teaching	Jan 2006	Till date

List of Publications (with JUIT address only)

Refereed International Journal Publications

- Sharma T (2014), "Corporate Social Responsibility: A study of Tata and Aditya Birla Group". International Journal of Scientific & Engineering Research, Vol. 5 (5), 35-39.
- Sehrawat, A. & Sharma, T. (2014), "Leadership and Conflict Management Style among Indian Managers." International Journal of Scientific & Engineering Research, Vol. 5 (5), 145-152.
- Sehrawat, A. & Sharma, T. (2014), "Emotional Intelligence and Leadership in Indian Context." International Journal of Research in Organizational Behavior and Human Resource Management, Vol. 2 (2), 89-95.
- Sharma, T. & Sehrawat, A. (2014), Emotional intelligence and conflict management: An empirical study in Indian context. International Journal of Engineering, Business and Enterprise Applications, Vol.1 (7), 104-108.
- Sharma, T, Sehrawat, A. and Abhilasha Chauhan (2014), "Domestic Tourism Destination Preferences of Indian Youth", *Himalyan Journal of Contemporary Research*, Vol. 3 (1), 747-753.
- Tanu Sharma and Anil Sehrawat, (2013), Book Chapter, "Business Ethics and Corporate Social Responsibility: The New Approach to Business in the Millennium." (communicated)
- Sharma, T. (2012) Relationship between Emotional Intelligence and Conflict Management in India: An Empirical Study. Himalayan Journal of Contemporary Research, Vol. 1 (2), 263-272.

Faculty as participants/resource persons in faculty development/training activities

Start with most recent

Name of activity/ workshop	Organized by	Dates/Duration dd/mm/yyyy to dd/mm/yyyy	Resource person or Participant

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Faculty Interaction with Outside World

Collaboration for Joint Publications (Papers/Books), Projects etc	Name of person with whom collaborating	Name of reputed institution abroad, institution of eminence in India, or national research laboratories,	institution/industry (not covered earlier)