

CURRICULUM VITAE

Name: Sonia

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Date of Birth: - 18-July-1973

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Designation: - Associate Professor

Department: - Information Technology

Nationality: Indian

Marital Status: Married

Qualification: B. Tech.(CSE), M. Tech(CE), Ph. D. Pursuing

Educational Qualification:-

S. No.	Class/ Branch	Uni./Board	Year of Passing	Position/Grade
1	B.Tech (CSE)	Dr. B.R Ambedkar Marathwada University, Aurangabad	1995	70.50%
2	M.Tech (CE)	Pbi. Uni. Patiala	2008	74.25%

Work Experience:-

S. No.	Designation	Organization	Time Period
1	Associate Professor	MIMIT, Malout	July 2011 – Till Dated
2	Assistant Professor	MIMIT, Malout	Jan 2006 – June 2011
3	Lecturer Sr. Scale	MIMIT, Malout	April 2003 – Dec 2005
4	Lecturer	MIMIT, Malout	September 14, 2000 – March 2003

5	Lecturer	GNDP, Ludhiana	April 2, 1997 - September 13, 2000
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Research Activities Taken:-

Title of the Paper	Name of the Journal/Conference/Proceedings	Year
Image Compression	Proceedings: NATIONAL CONFERENCE ON Emerging Technologies in CSE department, Chitkara Inst. of Engg. & Tech. Rajpura on July 28 th 2006	2006
Optimization techniques for knowledge mgmt. with ref. To banks	Proceedings: National Conference EMERGING TECHNOLOGIES IN CSE DEPT. AT CHITKARA INST. OF ENGG. & TECH. RAJPURA ON JULY 28 TH 2006.	2006
Role Of Mobile Communication For Effective E-Governance	Proceedings: National conference on WNES-2006 in ECE dept. at Chitkara Inst. of Engg. & tech. Rajpura on July 28 th 2006.	2006
METRO DWDM	Proceedings: National Conference on LTTC-2006 in ECE dept. at Rayat Inst. of Engg. & I.T., Railmajra, District Nawanshahar	2006
Invasion Of Nano Technology	Proceedings: National Conference on AFTMME'06 at GZSCET, Bathinda from 13-14 October 2006	2006
Industrial Waste Minimization	Proceedings, National conference on Recent Development in Mech. Engg. at TIET, Patiala from Nov. 10-11, 2006	2006
Investigation Of Core Selection Techniques In Multicast Adhoc Network	Proceedings, National level seminar on Emerging trends in software Engineering at Israna Panipat (ETSE 2008)	2008
Comparative study of ant Colony optimization & practical Swarm optimization Technique in circuit Partitioning	Proceedings: NATIONAL conference on ETEIT at GTBKIET, Chappianwali, Malout	2009
Core based multicast routing Protocol for different sized Networks	Proceedings: inter national conference on computing :Updates and trends at Jaipuria Group of institutions ,	2010

	Ghaziabad	
Cloud computing : A Revolution in IT segment	Inter national conference on mathematics and soft computing (applications in engineering) (ICMSCAE) at N. C. College of Engineering ISRANA, PANIPAT	2010
Emerging wireless Technologies for Mobile Communication	Inter national conference on mathematics and soft computing (applications in engineering) (ICMSCAE) at N.C. College of Engineering ISRANA, PANIPAT.	2010
On repeated root cyclic codes And its Weight Enumerator	Proceedings 2010 IEEE International Conference on Information Theory and Information Security at Beijing, China.	2010
Analysis of Ant Colony Optimization for Circuit Partition in Contrast to Genetic Algorithm	NATIONAL conference on Advance Mathematics and its Applications (CAMA' 11) sponsored by UGC & NBHM at DAV college Bathinda.	2011
Comparison and Analysis of Wavelet Transform for Image Restoration	Proceedings: NATIONAL conference on Recent Advances in Computational Techniques in Electrical Engineering (RACTEE-2011) at Sant Longowal institute of Engineering & technology, Longowal	2011
On Properness of Irreducible Cyclic Codes of Even Dimension	An international conference on History and Development of Mathematical Sciences (ICHDMS-2012) at Rohtak	2012

Journals

Comparison analysis of Efficient multicast routing Protocols	An International Journal of Mathematics and Informatics July- Dec 2011, Vol. 3, ISSN 0975-7139	2011
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Seminars/Short Term Courses/Summer Schools/Winter Schools attended

Sr No.	From	To	Institute/Industry	Sponsored by	Name of the course
1	16 TH September, 1996	04 th October 1996	TTTI , Chandigarh	MHRD	“Computer Based Instructional Material Development”

2	18 th June, 2000	29 th June, 2000	TIET, Patiala	AICTE-ISTE	“Internet, Web & E-Commerce”
3	15 th March, 2004	19 th March, 2004	BCET, Gurdaspur	AICTE-ISTE	“Modelling & Simulation of Engineering and Environmental Systems”
4	12 th June 2006	24 th June 2006	MIMIT, Malout	AICTE-ISTE	Role of Information Technology (I.T) in Technical Education
5	21 th July 2008	1 st August 2008	NITTTR, Chandigarh	MHRD/AICTE	Open Source Technologies and LINUX
6	25 th May 2009	29 th May 2009	NITTTR, Chandigarh	MHRD	Web based designing
7	20 th July 2009	1 st August 2009	MIMIT Malout	AICTE	Library Automation Networking & Digitization
8	4 th July 2011	15 th July, 2011	SBSCET, Ferozepur	AICTE	Intelligent Computational Techniques
9.	18 th July 2011	22 nd July 2011	MIMIT Malout	PTU	Digital Image Processing
10.	25 th July 2011	29 th July 2011	MIMIT Malout	PTU	Pedagogical Importance of Communication Skills and Personality Development
11.	9 th Jan 2012	13 th Jan 2012	MIMIT Malout	PTU	Introduction to MATLAB & its Applications
12.	16 th Jan 2012	20 th Jan 2012	MIMIT Malout	PTU	Computerized and Digital Library
13.	04 th June 2012	08 th June 2012	MIMIT Malout	PTU	Cloud Computing
14.	18 th June 2012	22 nd June 2012	MIMIT Malout	PTU	Emerging Trends in Computer Science & IT

15.	2 nd July 2012	13 th July 2012	PTU, GZS Campus Bathinda	MHRD	Sustainable Development- Issues and Latest Development
16.	23 rd July 2012	27 th July 2012	SSDWIT, Bathinda	MHRD	Computer Networks

Administrative Responsibilities held

Sr No.	From	To	Position held
1.	2002	2004	Incharge IT Department
2.	2001	2004	Warden Girls hostel
3.	Aug 1, 2008	Sep15, 2011	Warden Girls hostel
4.	April 2009	Aug 2012	Incharge IT/CSE Department
5.	Sep 2012	Till dated	Incharge CSE Department
6.	Feb. 2011	Till Dated	Co-ordinator Skill Development Programme (SDI)

Sonia Sharma