

GAGANPREET KAUR

Assistant Professor (Department of CSE ,SGGSWU,Fatehgarh Sahib)
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TEACHING EXPERIENCE:

- July 2011 to Present, Asst. Professor, SGGSWU University, Fatehgarh Sahib, Punjab, India
- Jan 2008 to July 2011, Sr. Lecturer, RIEIT, Railmajra, Punjab, India (as Regular Faculty).
- Aug 2005 to Jan2008, Lecturer, HEC, Jagadhri, Haryana, India (as Regular Faculty).

NO OF THESIS CO - GUIDED:01

NO OF THESIS UNDER SUPERVISION: 04

RESEARCH EXPERIENCE:

1.M.Tech Dissertation:

Guide: Akshay Girdhar, Head, Department of Information Technology.

Co- Guide: Manvjeet Kaur, A.P., PEC, Chandigarh.

Institution:[Guru Nanak Dev Engineering College, Ludhiana, India.](#)

Title: *Enhanced Iris Recognition System.*

ACADEMIC QUALIFICATIONS:

- Ph.D. (CSE) Pursuing, PTU, Punjab, India.
- M.Tech (CSE), GNDEC, Ludhiana, India, First Class.
- B.Tech (CSE), Kurukshetra University, Haryana, India, First Class with Honors, with 74%.
- 10+2 (PCM), SNSP School, Yamuna Nagar with 77%.
- 10th, SNSP School, Yamuna Nagar with 83%.
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RESEARCH INTERESTS:

- Image Processing
- Biometric Systems
- Soft Computing Techniques

Books Published: 01

LIST OF PUBLICATIONS:

A.INTERNATIONAL JOURNALS

- **Gurjeet Kaur, Gaganpreet Kaur et al., “A Review of Color Image Quantization Using PBO,”**Published in International Journal Of Computer Science & Technology (IJCTT)-Vol IV Issue II, Ver. 1, June, 2013,ISSN: 0976-8491(Online), ISSN:2229-4333(Print).
- **Gaganpreet Kaur, Manjinder Kaur, “Fractal Image Compression using Soft Computing”**,Published inInternational Journal of Computer Trends and Technology (IJCTT) - Volume4, Issue4 –April 201,pp.642-645, ISSN: 2231-2803.
- **Gaganpreet Kaur et al., “Study of Two Different Methods for Iris Recognition Support Vector Machine and Phase Based Method”**,Published in International Journal of Computational Engineering Research, Vol. 03,Issue, 4, pp.88-94.
- **Gaganpreet Kaur et al., “A Study of various soft computing techniques for iris recognition”**,Published in Journal of Computer Engineering and Technology (IOSR), eISSN:2278 – 0661(Online),p- ISSN 2278 – 8727(Print),Volume X, Issue X, March- April (2013), pp. 01-05
- **Harpreet Kaur, Gaganpreet Kaur, “A Survey on Comparison between Biogeography Based Optimization and Other Optimization Method”**, Published in International Journal of Advanced Research in Computer Science and Software Engineering, Volume 3, Issue 2, February 2013,ISSN: 2277 128X,pp.438-440.
- **Dapinder Kaur, Gaganpreet Kaur, “Feature Level Fusion of Multimodal Biometrics for Personal Authentication”**, Published in International Journal of Computers & Technology, Volume 4 No. 2, March-April, 2013, ISSN 2277-3061, pp.199-204.
- **Dapinder Kaur, Gaganpreet Kaur, “Level of Fusion in Multimodal Biometrics: a Review”**,Published inInternational Journal of Advanced Research in Computer Science and Software Engineering,Volume 3, Issue 2, February 2013,ISSN: 2277 128X,pp.242-246.
- **Manjinder Kaur ,Gaganpreet Kaur, “A Survey of Lossless and Lossy Image Compression Techniques”**,Published inInternational Journal of Advanced Research in Computer Science and Software Engineering,Volume 3, Issue 2, February 2013 , ISSN: 2277 128X, pp. 323-326.
- **Gaganpreet Kaur et al., “Pollination Based Optimization For Color Image Segmentation”**,Published in International Journal of Computer Engineering and Technology, ISSN 0976 – 6367(Print), ISSN 0976 – 6375(Online), Volume 3, Issue 2, July-September, pp. 407-414, Journal Impact Factor (2012): 3.9580
- **Hitashi, Gaganpreet Kaur, Sugandha Sharma, “Fractal Image Compression- A Review”**, Published in International Journal of Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Volume 2, Issue 2, February 2012.
- **Gaganpreet Kaur et al., “Performance Evaluation of Image Quality Based On Fractal Image Compression”**, Published in International Journal of Computer & Technology (ISSN: 2277–3061), Volume 2- No.1 February 2012.
- **Gaganpreet Kaur, Manvjeet Kaur and Akshay Girdhar, “Enhanced Iris Recognition System – an Integrated Approach to Person Identification”**, Published in International Journal of Computer Applications (0975 – 8887), Volume 8– No.1, October 2010.

B. INTERNATIONAL CONFERENCE

- **Gaganpreet Kaur et al., “Implementation of Fractal Image Compression Using Biogeography Based Optimization”** Published in **6th International Multiconference on Intelligent Systems, Sustainable, New and Renewable Energy Technology & Nanotechnology (IISN-2012)**, organized by Computational Intelligence Laboratory (Ci-Lab) Centre For Excellence In Nanotechnology (Cent) Institute of Science and Technology, Klawad (ISTK) from March 16-18, 2012,pp.123-125.

Link of accepted paper: <http://www.istk.org/list10.html>

- Dapinder Kaur, **Gaganpreet Kaur**, “Multimodal Biometrics: A Review”, Published in proceedings of **National Conference on Recent trends in Modern Electronics and its Applications (NC-RTMEA - 2013)**, organized by Department of Computer Science & Information Technology, JEPPIAAR Institute of Technology, Kunnam, Sriperumpudur, Chennai from March 7-8 ,2013.
- **Gaganpreet Kaur**, Manjeet Kaur and Mukhwinder Singh, “Iris Biometrics – A Review”, Published in proceedings of **National Conference on Emerging Principles and Practices of Computer Science and Information Technology (EPPCSIT - 2009)**, organized by Department of Computer Science & Information Technology, Guru Nanak Dev Engineering College, Ludhiana from September 4-5 ,2009.
- **Gaganpreet Kaur**, “Mobile Computing- a rear view of Mobility of data”, Abstract Published in proceedings of **National Conference on Information Security & Network (ISAN-2009)**, organized by Department of Computer Applications, Chitkara Institute of Engineering & Technology, Punjab, held on June 19 , 2009, pp. 248.
- **Gaganpreet Kaur**, “Knowledge Discovery and Data Mining”, Published in proceedings of **UGC sponsored National Conference on Impact of Information Technology on Society – Emerging Trends & Issues**”, organized by Department of Computer Science & Information Technology, DAV College, Amritsar, from February 28-March 1 ,2009., pp.43.
- **Gaganpreet Kaur**, Manjeet Singh, “**Packet Monitor Scheme for Prevention of Black-hole Attack in Mobile Ad-hoc Network**”, Published in proceedings of **National Conference On Recent Advances in Engineering & Technology (NCRAET-13)**, organized by Department of Computer Science & Information Technology, continental institute of engineering and technology, Jalvehra, NH-1, Fatehgarh Sahib, Punjab 140406, In association with **International Journal of Computer Science and Communication Engineering(IJCSCE)** from April 6,2013 ,pp.57-63

WORKSHOP ATTENDED:

- **Attended one week workshop on Intelligent System Engineering (WISE 2010), held on July 26-30, 2010 at Institute of Science & Technology, Klawad.**
- **Participated in “Soft Skills Workshop”, held at Infosys, Chandigarh from September 15-17, 2009, conducted by Infosys Leadership Institute.**
- **Attended one week workshop on Applied Soft Computing (SOCO 2006) Sponsored by ISTE, New Delhi, held on July 11-15, 2006 at Haryana Engineering College, Jagadhri.**

SHORT TERM PROGRAMS/FDP’S ATTENDED:

- **Faculty Development Program by Microsoft Global Technical Support Center, Bangalore in coordination with Purple Leap from 11.01. 2010 to 20 .01.2010 on C# Programming.**
- **Faculty Development Program at RIEIT, Railmajra on CSE & IT Curriculum Development from 29 .01. 2011 to 30.01. 2011.**
- **PTU Sponsored Faculty Development Program at RIEIT, Railmajra on Emerging Trends in Computers and Information Technology.**

RANK/PRIZES/MEDALS/WON AT SCHOOL/COLLEGE/UNIVERSITY DURING EDUCATION:

- **Participated in All India Level English Proficiency & G.K. Test during Session 1994-95 in Category J and secured C+, All India -Position 431st.**

- Member of various committees of Technical and Cultural Fest organized in Colleges.
- Scored Highest Marks in Social Studies in 10th at School level.

MEMBERSHIP/FELLOWSHIP AND POSITION OF RESPONSIBILITY IN PROFESSIONAL SOCIETY ACTIVITIES:

- Permanent Life Member (LM-56888) -ISTE,2008.

Other Academic Achievements:

- I have worked as Deputy HOD (IT) for the session 2010 -2011 in RIEIT, Railmajra.
- Member of academic council for the session 2012-2013 in SGGSWU, Fatehgarh Sahib.