

Simarjeet Kaur

Assistant Professor
Department of Computer Science & Engineering
Sri Guru Granth Sahib World University
Fatehgarh Sahib – 140407
Punjab, India.
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CAREER VISION

To pursue a challenging career and be a part of progressive organization that gives me scope to enhance my knowledge, skills and reach the pinnacle in the field with determination, dedication and hard work.

AREA OF SPECIALIZATION: Operating System, RDBMS

SUBJECTS TAUGHT: Object Oriented Programming using C++, Relational Database Management System, Computer Peripheral & Interfaces, Computer Graphics, Computer Networks, Software Engineering, Microprocessor and its Applications, Operating System, Windows Programming, Design and Analysis of Algorithms

EDUCATION

- **M.Tech (CSE)**, Punjab Agricultural University, Ludhiana, Punjab.
Percentage: **85.3%**
July 2010 - 2012
- **B.Tech (IT)**, Guru Nanak Dev Engineering. College, PTU Jalandhar, Punjab.
Percentage: **80.06%**
August 2006 - 2010
- **XII (CBSE)**, B.C.M. Arya Model Sr. Sec. School, Ludhiana, Punjab.
Percentage: **84.6%**
March 2006
- **X (CBSE)**, Nankana Sahib Public School, Ludhiana, Punjab.
Percentage: **81.8%**
March 2004

TEACHING EXPERIENCE [2+ YEARS]

- **Assistant Professor** at Sri Guru Granth Sahib World University, Fatehgarh Sahib from August 01, 2013 till date.
- **Assistant Professor** at Sri Guru Granth Sahib World University, Fatehgarh Sahib from January 15, 2013 to May 31, 2013.
- **Assistant Professor** at Lala Laj Pat Rai Institute of Engg and Technology, Moga from August 7, 2012 to January 14, 2013.

FDP ATTENDED

Attended TEQIP-II sponsored one week Faculty Development Programme on “*Computational Research Methodologies in Information Security*” organized by Department of Information Technology, Guru Nanak Dev Engineering College, Ludhiana from 6th to 10th January, 2014.

CONFERENCE ATTENDED

National Conference on “*Emerging Horizons in Science & Technology*” held on January 17-18, 2014 at Sri Guru Granth Sahib World University, Fatehgarh Sahib

ACHIEVEMENTS

- Received Post Graduation Merit based fellowship during MTech programme from Punjab Agricultural University, Ludhiana
- Received Merit Certificate in MTech programme from PAU, Ludhiana
- Topper of Batch 2012 MTech (CSE) at PAU Ludhiana
- Completed BTech Degree with distinction

THESIS/DISSERTATION

Guide: Dr. (Mrs) B.K. Sawhney, Associate Professor, PAU Ludhiana.

CoGuide: Dr. (Mrs) Sandeep Kaur, Entomologist, PAU Ludhiana.

University: Punjab Agricultural University, Ludhiana.

Title: “*Design and Development of Software for Insect Pest Management of Vegetable Crops using Web Technology*”

RESEARCH GUIDANCE

Number of MTech Students enrolled: 13

MTech Thesis completed: 8

MTech Thesis ongoing: 5

RESEARCH PAPER/PUBLICATIONS: 12

1. Simarjeet Kaur et al “*Design and Development of Software for Insect Pest Management of Vegetable Crops using Web Technology*” published in International Journal of Emerging Science & Engineering (IJESE) Volume-1, Issue-11, September 2013 pp.32-35.
2. Rupinder Kaur, Simarjeet Kaur “*A Review: Techniques for Clustering of Web Usage Mining*” published in International Journal of Science and Research, Vol 3, Issue 5, Impact Factor 3.358, May 2014 pp.1541-1545.
3. Navjeet Kaur, Simarjeet Kaur “*Object Identification and Feature Extraction Techniques of Satellite data: A Review*” published in International Journal of Computer Engineering and Applications (IJCEA), Vol 6, Issue 2, May 2014 pp.1-6.
4. Jimmy Bansal, Simarjeet Kaur “*Resolving Ambiguous Preposition Phrase using Genetic Algorithm*” published in International Journal of Computer Engineering and Applications, Vol 6, Issue 2, May 2014 pp.141-147.
5. Harmandeep Kaur, Simarjeet Kaur “*Text Water Marking using techniques DCT and DWT: A Review*” published in International Journal of Computer Application and Technology, Vol 1, Issue 1, April 2014 pp.16-21.
6. Gurjeet Kaur, Simarjeet Kaur “*Detection of Sleep Deprivation in Sensor Attacks: A Review*” International Journal for Multi Disciplinary Engineering and Business Management, Vol 2, Issue 2, June 2014 pp. 17-19.
7. Harpreet Kaur, Simarjeet Kaur “*Hindi Signature Recognition Review*” International Journal for Multi Disciplinary Engineering and Business Management, Vol 2, Issue 2, June 2014 pp. 1-3.
8. Navjeet Kaur, Simarjeet Kaur “*Hybrid Model with Super Resolution and Decision Boundary Feature Extraction and Rule based Classification of High Resolution Data*” International Journal of Computer Applications, Vol 101, no. 8 September 2014, pp.1-6
9. Kuldeep Singh and Simarjeet Kaur “*Image Denoising using different Wavelet Transforms with Hard and Soft Thresholding*” International Journal of Advanced Research in Computer Science and Software Engineering, Vol 4, Issue 8, August 2014, pp.400-405.

10. Harpreet Kaur, Simarjeet Kaur “*Offline Hindi Signature Recognition using Surf Feature Extraction and Neural Networks Approach*” International Journal of Science and Research, Vol 3, Issue 8, August 2014.
11. Harmandeep Kaur, Simarjeet Kaur “*Enhanced Watermarking Technique using Computational Wavelet and Cosine Transformation*” International Journal of Science and Research, Vol 3, Issue 8, August 2014, pp.150-155.
12. Gurjeet Kaur, Simarjeet Kaur “*A solution of Sleep Deprivation Attack in Clustered Network*” International Journal of Science and Research, Vol 3, Issue 8, August 2014.

PERSONAL DETAILS

- **Name** : Simarjeet Kaur
- **Father’s Name** : S. Sharanjit Singh Boparai
- **Mother’s Name** : Mrs. Amarjeet Kaur
- **Date of birth** : 07.09.1988
- **Gender** : Female
- **Nationality** : Indian
- **Marital Status** : Unmarried
- **Languages known** : English, Punjabi, Hindi
- **Permanent Address** : #8285/1 St. No. 5 Gurpal Nagar ATI Road Ludhiana-141003

DECLARATION

I hereby declare that above information is true to the best of my knowledge and belief.

Place: Ludhiana

(Simarjeet Kaur)