

GAURAVJEET SINGH**Career Objective**

To work in an organization with competitive work environment in order to explore and fully utilize my potentials and hone my personal skills.

Academic Qualifications

<u>Course</u>	<u>Year</u>	<u>Institute</u>	<u>Univ./Board</u>	<u>Marks Obtd.</u>
M.Tech. (Electronics & Communication Engineering)		Amritsar College Of Engg.& Tech., Amritsar	Punjab Technical University	65%.
B.Tech. (Electronics & Communication Engineering)	2008	Amritsar College Of Engg.& Tech., Amritsar	Punjab Technical University	79.4% with distinction.
Three Year Diploma (Electronics & Communication Engineering)	2005	Mehr Chand Polytechnic, Jalandhar	Punjab State Board Of Technical Edu.& Ind. Training	72.6% with honors
A.I.S.S.E.	2001	Sri Guru Harkrishan Public School, Amritsar	C.B.S.E.	79%

Work Experience

<u>Institute</u>	<u>Department</u>	<u>Designation</u>	<u>Duration</u>
Global Institute of Management & Emerging Technologies, Amritsar.	Dept. of E.C.E.	Assistant Professor	Dec. 2010 – Till date
Khalsa College, Amritsar.	P.G. Dept. Of Computer Science and Applications	Lecturer	July 2008- Dec 2010

Publications

- ***'Performance and Timing Measurements in a multi cluster compute node'*** published in the International Journal of Information Sciences and Application. (ISSN 0974-2255).
- ***'Metrics for Analysis Of Cryptographic Algorithms'*** published in the International Journal of SAM'09.(ISBN 1-60132-124-4)
- ***'Analysis of Frequent Pattern Mining Techniques'*** published in IEEE Journal of ICCRC'11 (ISBN-978-1-

4244-9709-6)

- **'Yield and Performance enhancement in VLSI Design'** presented at ICCDIA at GIMET, Amritsar from April 2-3, 2012.
- **'Analysis of Wireless Network Protocols'** published in the proceedings of CECT'10.
- **'Analysis of Data Protection Strategies'** published in the proceedings of CECT'10.
- **'Evaluation of Secure Routing Protocols in Mobile Ad Hoc Networks'** published in the proceedings of EMT'10.
- **'Analysis of Cryptographic Protocols'** Published in the proceedings of at ETCIC'11.
- Text Book **'Principles of Electronics'** for GNDU, Amritsar.
- Text Book **'Digital Electronics'** for Punjabi University, Patiala.
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Research Paper Presentations

- **International Level:**
 1. **'Metrics for Analysis of Cryptographic Algorithms'** presented at WORLDCOMP'09 at Las Vegas, USA from July 12-16, 2009.
 2. **'Performance and Timing Measurements in a multi cluster compute node'** presented at ICTIS at DAV College, Amritsar from Nov.20-21, 2010.
 3. **'Analysis of Frequent Pattern Mining Techniques'** presented at IEEE sponsored ICCRC'11 at SRM University, New Delhi from March 21-23, 2011.
 4. **'Yield and Performance enhancement in VLSI Design'** presented at ICCDIA at GIMET, Amritsar from April 2-3, 2012.
- **National Level:**
 1. **'Analysis of Wireless Network Protocols'** presented at CECT'10 at RBIEBT, Mohali from April 8-9, 2010.
 2. **'Analysis of Data Protection Strategies'** presented at CECT'10 at RBIEBT, Mohali from April 8-9, 2010.
 3. **'Evaluation of Secure Routing Protocols in Mobile Ad Hoc Networks'** presented at UGC Sponsored Conference EMT '10 at Hindu College, Amritsar on Nov.13, 2010.
 4. **'Analysis of Cryptographic Protocols'** presented at ETCIC'11 at SGGSKC, Sarhali on March 05, 2011.

Faculty Development Programs attended:

- Participated as delegate in UGC Sponsored FDP on 'Income Tax Saving Schemes' /December 12-13, 2009/ Khalsa College, Amritsar.
- Co-ordinated and Participated as delegate in UGC Sponsored FDP on 'Internet and its Applications' /Nov.2010/ Khalsa College, Amritsar.

International Memberships

- Member of International Association of Computer Science and Information Technology, Singapore. (IACSIT Membership Number 80339970).
- Member of International Association of Engineers, Hong Kong. (IAENG Membership Number 110480).

Achievements/ Extra curricular activities

- Co-ordinator/Workshop on Robotics/ xEyeBOT / March 16-17, 2012 /GIMET, Amritsar.
- Registration Incharge / Techfest 2009 / Khalsa College, Amritsar.
- Registration Incharge /Seminar on Parallel and Distributed Computing/ Khalsa College, Amritsar /November 20, 2009.
- Participated as Delegate in UGC Sponsored National Conference/ DAV College, Amritsar /Feb 28-March 01, 2009.
- Participated as Delegate in IEEE Sponsored International Conference/ Thapar University, Patiala /March 6-7, 2009.
- Reiki Practitioner- Spiritual Healer.

- Articles published in reputed national newspapers.
- Student Editor/English Section/ Polytechnic Magazine: Aug 2004 to June 2005.
- Head Boy/S.G.H.P.S., Amritsar / April 1998 to March 2001.
- Won Laurels in Science Fairs and Techfests.

Personal Details

Father's Name: S. Baldev Singh
Date of Birth: Aug. 08, 1985
Permanent Address: 184, Darshan Avenue
P.O. Sultanwind
Amritsar 143021
Contact No. 9988060106(M)
Email: gaurav_pannu@yahoo.com
Languages Known: English, Hindi, Punjabi and French