

RANDEEP KAUR

H.No. 1579, Phase-2 Dugri,

Ludhiana, Punjab - 141013

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Contact No.: 98557-66656

Current Profile : Asst. Prof. - Computer Science & Engineering

Job Objective: Developing strong interpersonal & technical skills and moving steadily upward in the institute with continuous learning. Being hardworking & always ready to learn & execute, I am confident that I'll make significant contribution to the institute work with.

Publications:

- Presented a research paper "Agriculture Automation Using Machine Learning: A Review" in the 2021 International Conference on Computing, Networks and Renewable Energy (CNRE-2021) held at I.K. Gujral Punjab Technical University, Kapurthala during August 5-7, 2021.
- Presented a research paper "Technology Management: Decision Support System as a Tool" at 5th National conference on Downtrend challenges in IT on 22 May, 2009 organized by Punjab College of Technical Education, Ludhiana.
- Published a paper titled "A survey on Machine Learning Techniques and Applications" in GIS SCIENCE JOURNAL Volume 7, Issue 7, July 2020.
- Presented a research paper "Spoofing Prevention Method" at the 2nd National conference on Emerging Principles and Practices of Computer Science and Informational Technology on 4th September, 2009 organized by Guru Nanak Dev Engineering College, Ludhiana.
- Published Paper on "Gray Scale Image Watermarking Detection" at International Journal of Computer & Technology.

Workshops & Webinars:

- Participated in the 3-day workshop on "Internet of Things" from 9 June, 2020 to 11 June, 2020 organized by Faculty of Engineering Design and Automation University, Punjab.
- Participated in the 3-day Webinar on "Artificial Intelligence for Beginner" from 15 June, 2020 to 17 June, 2020 conducted by Automation and Robotics Club, Ramco Institute of Technology, Chennai.
- Participated in National Level One-week online FDP on "Data Analysis and Visualization using Python" from 6th-10th July, 2020 organized by Department of CSE, IKGPTU in collaboration with IIT, Bombay.
- Participated in the online Webinar on "Microsoft Azure Cloud Technology" on 18 July, 2020 organized by Department of Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad.

- Participated in the webinar on “Robot Operating System” on 23 July, 2020 organized by department of Electronics and Communication Engineering, Cambridge Institute of Technology, Bengaluru.
- Participated and successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 21st February, 2022 to 25th February, 2022.

Job Experience:

- Currently working as Assistant Professor in Computer Application Department at Khalsa Institute of Management & Technology for Women, Ludhiana since Jan, 2017.
- Worked as Assistant Professor in Computer Science Department at Ludhiana College of Engineering and Technology from Jan, 2008 to June, 2013.
- Worked as a Lecturer in Computer Science Department at Adesh Institute of Engineering and Technology, Faridkot for 8 months.
- Worked as a Lecturer in Computer Science Department at Sikh National College, Qadian (Gurdaspur) for 6 months.

Education, Internship & Projects Undertaken:

Education:

- **Pursuing Ph.D. (Part Time) in Computer Science at CT University, Ferozepur Road, Sidhwan Khurd, Ludhiana.**
- 2013: M.Tech in Computer Science & Engineering from Guru Nanak Dev Engineering College, Ludhiana.
- 2006: B.Tech in Computer Science & Engineering from Beant College of Engineering and Technology, Gurdaspur, Punjab.
- 2002: Higher Sr. Sec. Education from R.D. Khosla, D.A.V. Model Sr. Sec. School, Batala.

Internship:

- Six months Industrial Training at (PUN-COM) Punjab Communication Limited, Phase-8, Mohali during 6th semester of B.Tech.
- Six weeks training at Jet King, Sector 34, Chandigarh.

Projects Undertaken:

1. **Project:** SNMP Complaint
Front end used: JAVA
Back end used: MS-ACCESS
Description: Network management is primarily concerned with managing an entire network that is made up of a collection of network elements. An application developed for network management will monitor and configure all elements in the network.
2. **Project:** Online Testing System
Language used: JAVA

Description: The Online Testing System was designed to deliver secured and non-secured exams on student's personal computers. Some of the features of online testing system are:

- Layout similar to standardized exams
- Secure student login and verification
- Acknowledgement prior to taking exams
- Online time displays throughout exams
- No backtracking permissible

Professional Skills:

- Worked as a Deputy Superintendent in IKG PTU Examination.
- Worked as a Superintendent in IKG PTU Examination.
- Worked as a Counsellor in Admission Cell.

Skill Test:

Programming Languages: C/C++, Core Java, Python

DBMS: SQL

PERSONAL DETAILS

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| • Date of Birth: 06 Dec, 1984 | • Marital Status: Married |
| • Gender: Female | • Husband's Name: S. Jujhar Singh Bhatia |
| • Father's Name: S. Dharambir Singh | • Husband's Profession: Builder & Contractor |
| • Nationality: Indian | • Languages: Hindi, English, Punjabi |
| • Mother Tongue: Punjabi | |

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