

BITS AND PIECES OF MY PROFILE

His present job profile includes: -

- Management of campus network of the University rib-caged on fiber segments and radio links, campus-wide cyber security using firewalls, management of Wi-Fi LANs in Hostels,
- Business Process Reengineering and ERP implementation in the University System (Requirement Analysis, Purchase of Generic Modules, Gap Analysis, Customization, Maintenance),
- Conduct of entrance tests, On-line counselling,
- Web-site management,
- Staff-training,
- Formulation of policies related to IT in education at the University,
- Resource facilitator for providing computing environment to the University inmates.
- Teaching, Administration and Research
- University Computer Centre of Punjabi University Patiala has been assigned the duties to maintain e-Waste Management, eOffice implementation, on boarding of NAD project in the University, providing technical support to entire University for Plagiarism Software, maintaining PC Cannibalisation Lab and High End AI/ ML Computing Lab.
- Dr. Singh has also been designated as Professor In-charge IT, Punjabi University, Patiala.

Administrative experience

Prior to this assignment, he was Professor & Head, Department of Computer Science & Engineering, Guru Nanak Dev University Regional Campus, Jalandhar. He had been given additional charge of Electronics and Communication Engineering Department also. He was also designated as Dean, and Chairman of Research Degree of the Committee of Faculty of Engineering & Technology, Guru Nanak Dev University, Amritsar. He was also Chairman, Board of Studies (Honorary), Faculty of Computer Applications, Punjab Technical University, Jalandhar. He had been designated as Associate Dean, Student's Welfare at GNDU Regional Campus Jalandhar for one term.

Presently, he is an expert on Board of Studies (Computer/IT/Applications) / member on Academic Council PTU Jalandhar (Punjab), Kurukshetra University, Kurukshetra (Haryana); Chitkara University (HP) and Punjab; MM Mulana University, Ambala (Haryana), HP University, Shimla (HP), Guru Nanak Dev University, Amritsar, Chandigarh University, Chandigarh, School of Mathematics and Computing, Thapar University, Patiala, Sri Guru Granth Sahib World University, Fatehgarh Sahib, IMS University, Dehradun and Desh Bhagat University, Gobindgarh. He is a preferred resource person in the HRD centres (Academic Staff Colleges) of Punjabi University, Patiala; Punjab University, Chandigarh; Kurukshetra University, Kurukshetra and Himachal Pradesh University, Shimla.

He started his career as a Lecturer in Department of Computer Science at Punjabi University Patiala. Then he served as Reader and Head in the Department of Computer Science & Engineering at Guru Nanak Dev University, Amritsar. He served as Project Director (Professor Grade), Department of Computer Science, Punjabi University, Patiala for one year. Later on he shifted to GNDU Regional Campus, Jalandhar. He was promoted to Professor under CAS in 2005. He took as Director, University Computer Centre, Punjabi University Patiala in November, 2006. He had served as Controller of Examination/ Additional Controller of Examination in the Punjabi University, Patiala.

Academics side-view

He did his MCA (1985-88) {CGPA: 9.57/ 10} and Ph. D (2001) both from Thapar Institute of Engineering & Technology, Patiala (Now, Thapar University, Patiala). He is a Science Graduate from Govt. Mahendra College, Patiala (Affiliated to Punjabi University, Patiala) (1985) {76.76% Marks}. He did his matriculation from Kendriya Vidyalaya, Patiala (AISSE Board) in 1981 with 73.3% Marks.

Research profile

Sixteen (16) of his research scholars have been awarded Ph. D. Presently, he has 06 research scholars registered with him who are actively working on Agile Practices, Meta-heuristics and Grid Computing and cutting and packing problem using meta-algorithms. He has also guided thirteen (13) M Phil Candidates. Sixteen (16) M Tech candidates have carried out their research projects under his supervision. He has to his contribution 70+ papers published in international / national journals, 4 textbooks, 5 monographs, 50+ papers in national level conferences, 4 abstracts in international conferences and 12 at national level conferences. He has a few radio/ TV talks on Career Consultancy to IT students.

Specialisation

His subjects of interest are Simulation & Modelling, Intelligent Databases, Theoretical Computer Science and Operating Systems. Till to date he has accumulated 34+ years of Teaching/ Administration/ Research experience.

Personal Side

DoB: 15-September-1966

Place of birth: Shimla (Himachal Pradesh) India

Parents: Late S. Tarlochan Singh (Father) and Late Smt. Surinder Kaur (Mother)

Permanent Address: 9C, Good Earth Colony, Near SG Apartments, Behind Moti Palace (CM Residence), Patiala, Punjab 147 001

Religion: Sikh

Sex: Male

Marital Status: Married

Wife: Mrs. Hardeep Kaur, M Sc (Human Biology), M Ed, Lecturer (Bio) in Punjab State Sr. Sec. Government School

Children: Jaspertap Singh (21-April-1991) {Son}; Japdeep Kaur (16-February-1997) {Daughter}

Dr. Kawaljeet Singh

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