

Address

2878, Sector-66
Mohali-160062,
Punjab-India

Tel & Skype

+91 99886 88800
+91 92169 50800
k.sharma83

Mail

kuldeep@ieee.org
k.sharma83@
hotmail.com

Web

www.kuldeepsharma.in

OS Preference

Windows ★★★★★
Linux ★★★★★
MacOS ★★★★★

Personal Skills



Skill Set

Data Structures,
Design & Analysis of
Algorithms, System
Software, Software
Testing, Operating
System, DBMS.

Dr. Kuldeep Sharma

Ph.D (CSE)

Summary

Computer Science Assistant Professor with over 8 years in research and teaching. Thoroughly understands the learning process and works hard to adapt methods and use various teaching styles.

Work History

- 08/15 - Now **Assistant Professor** [CSED, MAIT, Maharaja Agrasen University, H.P.](#)
Administration: Professor In-charge Training & Placement
- 01/13 - 07/15 **Research Associate** [CSED, Thapar University, Patiala.](#)
- 06/09 - 01/13 **Assistant Professor** [CSED, Chitkara University, H.P.](#)
Administration: Mentoring budding engineers, counsellor for career making and enhancement for students and colleagues, recognized executive member of international societies with established reputes.

Fellowships

- 07/07 - 06/09 **GATE Scholarship** [Government of India, Ministry of Human Resource Development](#)
- 01/13 - 07/15 **PhD Scholarship** [Thapar University Research Fellowship](#)

Education

- 2011 - 2016 **Ph.D.** [Thapar University, Patiala.](#)
Randomized Algorithms for Graph Theoretic Applications.
- 2007 - 2009 **M.E. in Computer Science & Engineering** [Thapar University, Patiala.](#)
Curriculum Computer Science and Engineering.
Main subjects: Advanced Data Structures, E-Business, Software Engineering, Network Security.
Title of the Thesis: "Complexity Analysis Involving Heterogeneous System".
Supervisor: Prof. Deepak Garg.
- 2005 - 2007 **M.Sc. Honours School** [Panjab University, Chandigarh.](#)
Main subjects: Parallel Programming, Programming, Operational Research, Design and Analysis of Algorithm.
Project: "Automation System for Colleges Branch, Panjab University Chandigarh."
- 2004 - 2005 **Bachelor of Computer Applications (Honours)** [Panjab University, Chandigarh.](#)
G.G.D.S.D.College, Chandigarh.
Main subjects: Visual Basic, Advanced DBMS Using Oracle, Advanced Java.
- 2001 - 2004 **Bachelor of Computer Applications** [Panjab University, Chandigarh.](#)
D.A.V.College, Abohar.
Main subjects: C,C++,Data Structure, Oracle, Computer Networks, Numerical Methods, DBMS, Unix /Linux ,Java, Project Management .

Places Lived



Languages

Hindi ★★★★★
Punjabi ★★★★★
English ★★★★★

Certifications

- 06/2009 **Teaching Skills Training** [NITTR, Chandigarh.](#)
AICET Sponsored Course on Teaching Skills at National Institute of Technical Teacher Training and Research.
- 06/2011 **DALE CARNEGIE Training** [Wipro Mission 10X.](#)
Certification on "High Impact Teaching Skills" organised by Wipro at Chitkara University.

Workshops Attended

- 06/2010 **IUCEE Workshop on Distributed Computing** [C.V.R College of Engineering, Hyderabad.](#)
Resource Person Dr. Ajay Kshemkalyani , Associate Professor, Department of Computer Science at the University of Illinois at Chicago.
- 10/2010 **Introduction to Graph and Geometric Algorithms** [Thapar University, Patiala.](#)
Research Promotion Workshop on "Introduction to Graph and Geometric Algorithms" held in Collaboration with Tata Institute of Fundamental Research (TIFR) sponsored by National Board of Higher Mathematics.
- 06/2012 **International Workshop on Advanced data structures and algorithms** [Thapar University, Patiala.](#)
International Workshop on Advanced data structures and algorithms at Thapar University, Patiala in Collaboration with Infosys, ACM SIGACT North India and Technical Sponsorship by IEEE India Council, IEEE Computer Society Chapter Delhi Section, in cooperation with IEEE AESS(Aerospace Electronic System Society) for 100 Teachers .
- 12/2011 **Wipro Mission 10 X Workshop** [Chitkara University, H.P.](#)
"High Impact Teaching Skills" organised by Wipro at Chitkara University.

Workshop and Conference Organised

- 03/2009 **IEEE International Conference on Advanced Computing** [Thapar University, Patiala.](#)
Attended by 900 delegates and sponsored by TCS, Infosys, IEEE, USA .
- 02/2010 **Hands-on Parallel Programming Using CUDA** [Chitkara University, H.P.](#)
Role: Resource Person , Attended by 200 participants.
- 06/2014 **International Workshop on Machine Learning Algorithms and Data Analytics** [Thapar University, Patiala.](#)
Sponsored by ACM India Council, IEEE Computer Society IC, IEEE Education Society IC, Infosys Ltd .
- 12/2014 **IEEE 2nd International Conference in MOOC, Innovation and Technology in Education** [Thapar University, Patiala.](#)
- 06/2015 **IEEE International Conference on Advanced Computing** [B.M.S.College of Engineering, Bangalore.](#)
- 10/2015 **IEEE 3rd International Conference in MOOC, Innovation and Technology in Education** [Amritsar College of Engineering and Technology, Amritsar.](#)

Publications

Kuldeep Sharma, Deepak Garg

Randomized Algorithm to Find Hamiltonian Circuit in Rectangular Grid Graph

International Journal of Applied Mathematics and Computer Science(Under Review).

Kuldeep Sharma, Deepak Garg

Analysis of Shortest Path and Minimum Spanning Tree Algorithms

ACM Computing Surveys (Under Review).

Kuldeep Sharma, Deepak Garg

Multiobjective - Shortest Path and Spanning Tree

Journal of Engineering Technology Vol 5, Issue 1 JUNE 2016 ISSN 2231-4997.

Kuldeep Sharma, Deepak Garg

Approach for Processor to Dispatcher Load Balancing in Distributed Networks

International Journal of Next-Generation Computing (IJNGC) Vol 7, Issue 1 MARCH 2016

ISSN 2229-4678 (ESCI Indexed).

Kuldeep Sharma, Deepak Garg

Complexity Analysis in Heterogeneous System

International Journal of Canadian Center of Science and Education Vol.2 Page-48 ISSN

1913-8989.

Kuldeep Sharma

Measure Complexity in Heterogeneous system

CCIS 169, pp. 656–663, Springer-Verlag Berlin Heidelberg 2011.

Kuldeep Sharma, Deepak Garg

Randomized Algorithms Methods and Techniques

International Journal of Computer Applications, IJCA pp. 29-32 Vol 28 Number 11, August 2011.

Professional Affiliations and Memberships

Professional Member IEEE, IEEE Computer Society, IEEE Education Society.

ACM Professional Member.

Professional Member ACM Sigact.

Joint Secretary of IEEE Computer Society India Council.

Chair Conference/ Workshop Committee IEEE Computer Society India Council.

Ex-Treasurer IEEE Education Society India Council.

Ex-Chairperson Conference/ Workshop Committee IEEE Education Society India Council.

Treasurer IEEE Computer Society India Council.

Editorial/Review Board

The International Journal of Computer Science Application (IJCSA) ISSN - 2278-1080.

Journal of Theoretical Physics and Cryptography ISSN: 2322-3138.

Declaration

I certify that the above facts are true to the best of my knowledge and belief.

Date:

Kuldeep Sharma