

BIO-DATA Dr. Mukhdeep Singh Manshahia

1.Name : Dr. MUKHDEEP SINGH MANSHAHIA
2.Designation : ASSISTANT PROFESSOR(Computing)
3.Department : Mathematics
4.Date of Birth : 30.01.1980
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6 Areas of Specialisation : Computer Networks, Wireless Sensor Networks/WSANs, Internet of Things(IoT), Pervasive and Mobile Computing, Nature Inspired Computing, Computational Intelligence, Evolutionary Algorithms

7. Academic Qualifications:

Sr. No.	Degree Held	Year	Board/Univ./ Inst.	% of marks	Div./ Rank	Subjects Taken
1	M.C.A.	2003	Punjabi University, Patiala.	71	I	Computer Science and Applications
2	Ph.D.	2016	Punjabi University, Patiala.			Congestion Control in Wireless Sensor Networks

8. Membership of Professional Bodies/Organizations

- (i) Member of IEEE.
- (ii) Life Member of CSTA-ACM.
- (iii) Life Member of IAENG.
- (iv) Life Member of Computer Society of India (CSI).

9. Details of Experience:

S. No.	Name of the Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature of Experience
1.	Department of Economics, Punjabi University Patiala	Lecturer(Adhoc/ Parttime)	Jan, 2005 to Jan 2011	Teaching Computer Science to B.Sc(Hons) and M.B.E, Guidance for dissertation work of M.B.E
2.	Department of Mathematics, Punjabi University Patiala	Assistant Professor	Jan 2011 to till date	Teaching Computer Science to B.Sc(Mathematics and Computing) and M.Sc(Applied Mathematics and Computing), Guidance for dissertation work of M. Sc(AMC)

10. Published Work (Please specify numbers only) :

- a. Research Papers i) National = **08**
ii) International = **18**
- b. Conference/Seminar Presentation **20**
- c. Books:
- (i) Original: Nil
- (ii) Edited: **01**

11. Ph.D. Students guided (Details): Nil

a) Ph.D. Students under guidance(Details): **02**

S. No.	Name of the Student	Area of study	Year of Enrollment
1.	Diriba Kajela	Nature Inspired Computational Intelligence	2016
2.	Tigilu Mitiku	Neuro-Fuzzy Inference	2016

b) M.B.E/ M.Sc.(AMC) Dissertations guided: **04**

c) Under Graduate Projects Guided: **55**

12. List of Papers/Courses taught at U.G., P.G. and Doctorate Level

S. No.	Paper	Class
1.	Research Methodology	Ph.D Course Work
2.	Elements of Computational Techniques	Ph.D Course Work
3.	Soft Computing, Matlab	Ph.D Course Work
4.	Computer Networks	M.Sc.(AMC)-II
5.	Data Structure	M.Sc.(AMC)-II
6.	C-Programming	M.Sc.(AMC)-I
7.	OOP using "C++"	M.Sc.(AMC)-I
8.	Computer Networks	B. Sc. (M&C)
9.	DBMS	B. Sc. (M&C)
10.	C-Programming	B. Sc.(MCM)
11.	OOP using "C++"	B. Sc.(MCM)
12.	Data Structure	B. Sc.(MCM)
13.	Corporate Information Technology	B.Sc.(Hons in Economics)-II
14.	Corporate Information Technology	M.B.E-II
15.	Data Communication and Networking, Data Structure, Oracle	B.Sc.(CSM)

13. Technical Proficiency

Network Technologies, Simulations, Matlab, Simulink, NS-2 simulator, Omnet++, C, C++ and Oracle.

14. Language Proficiency

- Punjabi: Native (Mother Tongue)
- English: Full Professional Proficiency
- Hindi: Professional Working Proficiency

15. Web Links for Publications

- Google Scholar: http://scholar.google.co.in/citations?user=viY57_YAAAAJ&hl=en
- LinkedIn: <https://www.linkedin.com/in/mukhdeep-singh-manshabia-dr>
- ResearchGate: https://www.researchgate.net/profile/Mukhdeep_Manshabia