



Name : Shashi Bhushan Sharma

Email: shashibhushan@ignou.ac.in

Mobile: 9868356333

I completed my Ph.d in engineering science with specialization in IT from Odessa National Polytechnic University ,Odessa , Ukraine in the area of **Wireless sensor Network**. My interests lie in design of energy efficient protocols to prolong the lifetime of large scale heterogeneous WSN using computational intelligence techniques. I have published papers in both journals and conference papers in this area as well as delivered lectures in international summer school on **Wireless Networks** organized by Odessa National Polytechnic University, **Ukraine** in collaboration with **University of Siegen, Germany** and in a workshop on **Interactive multimedia for online learning** organized by **Mauritius Institute of Education, Mauritius** . I was a member of delegation to explore collaboration between Mauritius Institute of Education, Mauritius and IGNOU. I also represented our university to explore collaboration with **Capital Normal University , Beijing , China**. I have been Reader In –Charge and Director of the school for one term. I have designed (syllabus), written (**46 units**)and coordinated a large number of courses and programs which range from computer networks, databases, advanced computer architecture, Design and analysis of algorithms, advanced discrete mathematics, information technologies related courses (BIT and ADIT) and extensively delivered talks through teleconferencing and radio counseling on these courses. I got the opportunity to coordinate the first on-line program (BIT) of the university which had collaboration with **Edexcel UK**. I have been also a member of school boards of School of Computer and Information Sciences, School of Engineering and technology, School of sciences, School of Management , School of Humanities , Academic council standing committee and Academic council(twice)

EDUCATION:	
Doctor of Philosophy (Engineering Science with specialisation in IT) - 2019	Name of the University: Odessa National Polytechnic University, Odessa, Ukraine Discipline: Engineering Science with specialisation in IT Doctoral Research Topic: Combined Meta-heuristic Clustering Methods for Energy Efficient Protocols of Heterogeneous Wireless Sensor Networks
Master of Science (Engineering) Five years Integrated Program in engineering discipline-1981	Name of the university : Odessa Polytechnic Institute Discipline: Engineering Dissertation Topic: Design of Hardware Interface

	between a computer and Digital weighing machine
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WORK EXPERIENCE: 32 years

INTERNATIONAL ASSIGNMENTS:

- (i) Visited Mauritius Institute of education , **Mauritius** as a member of delegation(3 members delegation) to explore collaboration between IGNOU and MIE, Mauritius, 2004
- (ii) Represented IGNOU at **Capital Normal University, Beijing** to attend a meeting to have collaboration between the two universities, 1st March to 5th March 2006
- (iii) Conducted a workshop on interactive multimedia for online learning, **Mauritius** Institute of Education, Mauritius, 4-8 June 2007
- (iv) Invited talks in International summer school on Wireless Networks organized by the **University of Siegen , Germany in cooperation with Odessa National Polytechnic University, Ukraine, 27th June -8th July 2011**

PUBLICATIONS: (draft template is given below)

- BOOKS: 2 blocks (edited)
- CHAPTERS IN BOOKS: 1
- RESEARCH PAPERS: 10 (Journals)
- POLICY DOCUMENTS: 10
- UNITS WRITTEN: 46

MEMBERSHIP OF PROFESSIONAL BODY/ STATUTORY BODY (INTERNAL/ EXTERNAL):

Membership of Professional body/ Statutory body	Name of statutory body/ institution/	Period
CSI	Computer Society of India, Mumbai	Life member
INSC	Indian National Science Congress, Calcutta	Life member
ICEIT	Institution of Communication Engineers and	Life member

	Information technologies, Delhi	
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