




Faculty Performa

Title	Ms.	First Name	Shobha	Last Name		
Designation		Assistant Professor				
Address		113, Cluster Innovation Centre, Rugby Sevens Building, University Stadium University of Delhi, Delhi-110007				
Phone No	Office	011-27666706/125				
Residence						
	Mobile					
Email		rai.shobha18@gmail.com ;				
Web-Page		https://ducic.ac.in/				
Educational Qualifications						
Degree	Institution				Year	
MCA	Dept. of Computer Science, DU				2012	
BSc(H)Electronics	Sh. Rajguru College of Applied Sc. , DU				2009	
Career Profile						
Organization	: Deshbandhu College, Delhi University					
Duration	: 23rdJuly 2012 to 23rdJuly 2013.					
Organization	: Shyama Prasad Mukherji College, Delhi University					
Duration	: 24th July 2013 to 14th July 2015.					
Organization	: Cluster Innovation Centre, Delhi University					
Duration	: 15th July 2015 to till date					
Administrative Assignments						
<ul style="list-style-type: none"> ▪ Exam Convener DEC 2017, May 2016, DEC 2015, CIC, Delhi University. ▪ Member extracurricular activities committee, Student advisory committee, 2016-2017, CIC, Delhi University. ▪ Member Sports Committee, Library Committee, cultural and extracurricular activities committee, 2015-2016, CIC, Delhi University. ▪ Panel Member for Selection of B.Tech (Information Technology & Mathematical Innovations) students, CIC, 2015. 						
Areas of Interest / Specialization						

<ul style="list-style-type: none"> ▪ Information Security ▪ Recommender systems ▪ Database systems
Subjects Taught
<ul style="list-style-type: none"> ▪ Database Management Systems ▪ Algorithms ▪ Information Security ▪ Graphics ▪ Theory of Computation ▪ Computing System Architecture
Research Guidance
<ul style="list-style-type: none"> ▪ Mentor for Projects during summer internship of B.tech 4th yr students, 2017
Publications Profile
<ul style="list-style-type: none"> ▪ Sachin Kumar, Shobha, Dr. Saibal K Pal, “A New Sustainable Prototype USP for Education Information System”, International Conference on Futuristic Trends in Computational Analysis and Knowledge Management: ISBN: 978-1-4799-8432-9/15, IEEE, Delhi, 2015. ▪ Shobha Rai, Sachin Kumar, Devendra Prakash,” Project Guide for FYUP” ISBN -978-81-920546-7-4, year-2013, Vidhyanylam Publishers Delhi. ▪ Sachin Kumar, Shobha, Dr. Saibal K. Pal,’ “An Improved Post-Quantum Cryptographic Scheme Based on NTRU”, International Journal of Computer Applications Technology and Research, Volume 2– Issue 4, pp 499 - 503, 2013, ISSN 2319- 8656. ▪ Accepted: Kumar, Sachin; Shobha; Pal, Saibal K.; Singh, Rampal; “Machine Learning-Based Method and Its Performance Analysis for Occupancy Detection in Indoor Environment, Third International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS’17), 3,2017, Springer.
Conference Organization/ Presentations (in the last three years)
<ul style="list-style-type: none"> ▪ Presented Paper: Sachin Kumar, Shobha, Dr. Saibal K Pal, “A New Sustainable Prototype USP for Education Information System”, International Conference on Futuristic Trends in Computational Analysis and Knowledge Management: ISBN: 978-1-4799-8432-9/15, IEEE, Delhi, 2015.
Research Projects (Major Grants/Research Collaboration)
<ul style="list-style-type: none"> ▪ INNOVATION PROJECT 2015-2016 as Co-Principal Investigator in University of Delhi.
Awards and Distinctions

- Qualified UGCNET with JRF 2012.
- Qualified GATE 2011, 2012.
- Won Best Coordinator prize in organizing annual Electromania 07.
- Won 1st Prize in Long Jump at the sports day in College in 2007, 3rd prize in Inter School Volleyball tournament, 2nd Prize in Inter School KhoKho tournament.
- Won prizes in various dancing competitions and cultural activities at school and College level.

Other Activities

- Coordinated a workshop on Cloud Computing conducted by i3india Technologies at SPM College.
- Attended workshop on “Introduction to Robotics” conducted by eYantra, IIT Bombay at Cluster Innovation Centre, University of Delhi.
- Attended 2 weeks workshop conducted by IIT, Bombay/ Kharagpur on Algorithms.
- Attended Global Warming and Climate Sustainability conducted by IDreams.
- Attended workshop on Ethical Hacking & Cyber Security conducted by i3india Technologies.
- Attended training course of 10 days “CERTIFIED AUTOMATION ENGINEER” covering PLC, SCADA, DRIVES from FUTRONIX.
- Captain of the KhoKho and Volleyball team at the school in std. 8th to 12th.
- Actively involved in organization of Sankalan 2010, 2011 (Technical Fest) of Department of Computer Science, Delhi University and annual Electromania 06, 07 (Technical Fest) of the Sh. Rajguru College of Applied Sciences, Delhi University.
- Actively participated in the Organization of Self Defense Training at college level with the help of Crime against Women Cell, Nanak Pura, New Delhi.

Signature of Faculty Member