




Faculty Details proforma for DU Web-site

Titl e	Ms.	First Name	Shobha	Last Name		Photograph
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						
<p>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</p>						
Administrative Assignments						
<ul style="list-style-type: none"> ▪ Exam Convener DEC 2015, May 2016, CIC, Delhi University. ▪ Member Sports Committee, Library Committee, cultural and extracurricular activities committee, 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 						
Research Guidance						

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; “ELM Variants Comparison on Applications of Time Series Data Forecasting”, Fourth International Symposium on Women in Computing and Informatics (WCI-2016), 2016, IEEE.
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 20152016 as Co-Principal Investigator in University of Delhi.
Awards and Distinctions
<ul style="list-style-type: none"> ▪ 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.
Association With Professional Bodies
Other Activities
<ul style="list-style-type: none"> ▪ 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 Vollyball team at the school in std. 8th to 12th. ▪ Actively involved in organization of Sankalan2010, 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.