




Faculty Details proforma for DU Web-site

Title	Mr.	First Name	Sachin	Last Name	Kumar	Photograph
Designation	Assistant Professor					
Address	T12, Cluster Innovation Centre, Rugby Sevens Building, University Stadium University of Delhi, Delhi-110007					
Phone No Office	011-27666706/326					
Residence						
Mobile	+91-9711771381					
Email	sachin.blessed@gmail.com ;					
Web-Page	https://ducic.ac.in/					
Educational Qualifications						
Degree	Institution				Year	
PhD	Dept. of Computer Science, University of Delhi				Pursuing	
MCA	Dept. of Computer Science, University of Delhi				2011	
BSc	Meerut College Meerut, CCS University				2007	
Career Profile						
Organisation	: Information Mosaic Software Pvt Limited-Ireland					
Duration	: 1 st Aug 2011 to 6 th August 2012.					
Organisation	: Information Mosaic Software Pvt Limited-Ireland					
Duration	: 2 nd Jan 2011 to 31 st July 2011.					
Organization	: Deen Dayal Upadhaya College, Delhi University					
Duration	: 23 rd July 2012 to 23 rd July 2013.					
Organization	: Indraprastha College for Women, Delhi University					
Duration	: 24 th July 2013 to 19 th Dec 2014.					
Organization	: Atma Ram Sanatan Dharma College, Delhi University					
Duration	: 12 th Jan 2014 to 15 th July 2015.					
Organization	: Cluster Innovation Centre, Delhi University					
Duration	: 16 th July 2015 to Till date					
Administrative Assignments						
<ul style="list-style-type: none"> ▪ Member, News Letter, Annual Report, Website Committee, CIC, Delhi University. ▪ Member Grievance Committee, CIC, Delhi University ▪ Member, Panel for 'Selection of BA (H) Humanities and Social Science', CIC, 2015. ▪ Member, Exam Committee May 2016. 						
Areas of Interest / Specialization						
<ul style="list-style-type: none"> ▪ Data Mining, Machine Learning and Big data: (Design, Modeling and Solutions of real life problems through algorithms and simulations) ▪ Social Network Analysis(Understanding and learning new models to gain insight of social network and their implications) ▪ Information Technology Systems(The study of interaction among people, information systems and Governance systems) ▪ Decision Support Systems and ICT (Understanding Convergence of Humanities and Computers) 						
Subjects Taught						

<ul style="list-style-type: none"> ▪ Programming Fundamentals ▪ Database Management Systems ▪ Data Communication and Computer Networks ▪ Algorithms ▪ Data Structure
Research Guidance
Publications Profile
<ul style="list-style-type: none"> ▪ Sachin Kumar, Dr. Saibal K Pal, “Empirically Developed Integrated ICT Framework for PDS in Developing Countries”, IEEE Third World Congress on Information and Communication Technology”, 2013, IEEE, ISBN-978-1-4799-3230-6/13, pp. 235-240, 2013. ▪ Sachin Kumar, Dr. Saibal K Pal, “An Approach to Ensure Superior and Sustainable Software Development Performance”, 8th International Conference on Computing for Sustainable Global Development, Delhi INDIA, ISBN 978-93-80544-10-6, IEEE, Conference ID 32558, March 5-7th, 2014. ▪ Sachin Kumar, Dr. Saibal K Pal, “ICT Integrated Social Media Framework for Consumer Awareness in Society Using ICT tools”, IEEE/ACIS 13th International Conference on Computer and Information Science (ICIS), pp-229 – 233, Volume-13, China, IEEE 2014. ▪ 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. ▪ Article “Cyber Space: New Space for Security, Law and Order for India”, Yojana Development Journal: Yojana Web Exclusives. Volume 72, Publication Division, Ministry of I&B New Delhi. ISSN-0971-8400, Feb 2014. ▪ Accepted: Kumar, Sachin; Pal, Saibal K; Singh, Rampal, “Intelligent Energy Conservation: Indoor Temperature Forecasting with Extreme Learning Machine”, Second, International Symposium on Intelligent Systems Technologies and Applications (ISTA'16), 2016, Springer. ▪ 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, Dr. Saibal K. Pal “An Improved Post-Quantum Cryptographic Scheme Based on NTRU” in International Conference on Quality Reliability Infocom Technology and Industrial Technology management, Delhi University, 2013. ▪ Presented Paper: Sachin Kumar, Dr. Rampal Singh, Dr. Saibal K. Pal “Assessment and Prospects of Big Data Analytics in Public Policy in India” IIMA 4th International Conference on Advanced Data Analysis, Business Analytics and Intelligence, IIM Ahmadabad, IC 15/074, 2015 ▪ Presented Paper: Sachin Kumar, Dr. Rampal Singh, Dr. Saibal K Pal, “A Conceptual Architectural Design for Intelligent Health Information System: Case Study on India, 7th International Conference on Quality, Reliability, Infocom Technology and Business Operations (Trends and Future Directions), 2015. ▪ 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"> ▪ Co-PI in innovation project, “Weaving Dreams for Destitute – Night Shelters” funded by Delhi University :(2015-2016).
Awards and Distinctions
<ul style="list-style-type: none"> ▪ Selected in PhD for Information Technology and Systems - IIM Rohtak 2014 ▪ UGC-FCIT, Workshop ▪ UGC-NET with JRF -2012, 2014 ▪ Got placement Offer from Several MNCs ▪ Secured 7th rank in JAM-2008 for Mathematics Entrance Exam conducted by IITs. ▪ Won 1st prize for Event Mind Matters in tech fest Sankalan -2009 ▪ Won 2nd Prize in Quiz in tech fest Vinculum conducted by IP College for Women Delhi University in 2009 ▪ Won 2nd Prize in C/C++ Coding Event Sprint in Sankalan-2010 ▪ Got 2nd place in Tehsil in Bhartiya Sanskriti Gyan Priksha ▪ Got 3rd Place in Tehsil in Bhartiya Pritibha Sammaan Samaroha
Association With Professional Bodies
Other Activities
<ul style="list-style-type: none"> ▪ Event Coordinator in technical quizzes namely Mind Matters for department technical festival Sankalan-2010. ▪ Event Coordinator in technical quiz namely Overnight Coding for department technical fest Sankalan-2010