Shivaji College Faculty Details Proforma

Title	Mr.	First Name	Krishan Kant Singh	Last Name	Gautam	Photograph

Designation	Assistant Professor
Address	A-11, Kondli, Delhi-110096
Office Phone No.	
Residence	011-22611081
Mobile	9013270573,9013270579
Email	kksgautam@shivaji.du.ac.in, dr.kksgautam@gmail.com
Web-Page	
Educational Qualifications	

Degree	University/Institute	Year
Ph.D (Pursuing)	Jamia Millia Islamia (A Central University)	
M.Tech(CSE)	USIT, GGSIPU, Delhi	2008
MCA	IMR, Ghaziabad, UPTU Lucknow	2005
B.Com	Zakir Hussain College(Day), University of Delhi	2002
Any Other Qualification	UGC-NET (2012) GATE (2005 and 2006)	

Career Profile

Administrative Assignments

Areas of Interest/Specialisation

Internet of Things(IoT)
Information Security
Cryptography and Network Security
Computer Networks
Data Base Management Systems

Subjects Taught

Computer System Architecture
Computational Skills
Computer Networks and Internet Techonlogies
Information Security and Cyber Laws
Introduction to Database Systems

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (*Research Papers/Books*)

1. Krishan Kant Singh Gautam, C.S. Rai **"Advancements of QoS for IEEE 802.11 Wireless LAN Technology"** in **NETIT^{2}M'08**. pp 119-124, ISBN 978-81-906531-4-5.
2. Krishan Kant Singh, Arundhati Walia and Nitin Gupta **"Secured and Improved Reactive Routing Protocols for Mobile Ad Hoc Networks"** in "National Journal HRGI Journal of Research, Vol 1 No. 1 **Maiden Issue July-December 2009**, pp 152-156, **ISSN 0976-6642.**
3. Rajneesh Kumar, K.K.S. Gautam **"Asymmetric Key Management in Wireless Ad-hoc Network: A Survey"** in International Journal for Research in Applied Science & Engineering Technology **(IJRASET)** Vol. No 2, Issue VII July, 2014, **ISSN No 2321-9653**
4. Krishan Kant Singh, Arundhati Walia and Nitin Gupta **"A Survey of QoS for IEEE 802.22 WRAN Technologies"** in International Journal for Research in Applied Science & Engineering Technology **(IJRASET)** Vol. No 3, Issue VIII August, 2015, **ISSN No 2321-9653.**
5. Kamal Kumar Ranga, Krishan Kant Singh Gautam et al. **"Transforming Business Requirements into IT Application Solution and Business Implementation"**, INDIACom-2017, IEEE International Conference on Computing for sustainable Development, March 1-3, 2017, **ISBN 978-93-80544-24-3.**
6. Kamal Kumar Ranga, Krishan Kant Singh Gautam et al. **"Hyper Spectral Imaging: New Era of Imaging"**, INDIACom-2017, IEEE International Conference on Computing for sustainable Development, March 1-3, 2017, **ISBN 978-93-80544-24-3.**

7. Raju, Krishan Kant Singh Gautam, Rajendra Kumar "Machine Learning Based IoT Security System for COVID - 19", International Journal of Advanced Science and Technology, Vol.29 No 7s (2020), pp. 5838-5853, **ISSN: 2005-4238**

Conference/Seminar/Faculty Development Programme/Workshop

1. Participated and attended the webinar on "Emerging Stronger & Successful, Covid and Beyond Pandemic Management Using Technology – The RSA Algorithm, An Application of Number Theory" organised and conducted by SRM Institute of Science and Technology, Delhi NCR Campus, Ghaziabad, Uttar Pradesh on 27.06.2020 between 3 PM to 5PM.
2. Attended Two days' workshop on "MATLAB & SIMULINK", organized by ELIXIR Educational Services, Chhatishgarh, India on 20th -21st June 2020.
3. Attended the webinar on "The Power of Data & Machine Learning" organised by WEBSTERS: The Computer Science Society on 02nd May, 2020.
4. Attended one-day workshop on "Internet of Things (IoT)" organized by Department of Computer Science, Shivaji College University of Delhi) on October 01, 2019.
5. Attended One Week Faculty Development Programme on "Horton Hadoop Developer" organized by Department of Computer Science, Ram Lal Anand College (University of Delhi) in association with ICT Academy from 21st May – 25th May 2018.
6. Attended Three-days' workshop on "Cyber Security" organized by Department of Electronics under the aegis of DBT Star College Program held at Deen Dayal Upadhayaya College, University of Delhi during April 13-15, 2018.
7. Attended one-day workshop on "Computer Forensics" organized by Indian Institute of Technology Delhi on 13th October 2017.
8. Attended one-day workshop on "Women in Science: A Career in Science" organized by Science Foundation, Deen Dayal Upadhyaya College (University of Delhi) on 6th September 2017.
9. Attended two days' international workshop on "Big Data Analytics(WBDA-2017) organized by School of Computer and Systems Sciences Jawaharlal Nehru University New Delhi held on March 17-18, 2017.
10. Organized a Special Session on Big Data and Current Technologies Changing World as a TPC Member during INDIACom- 2017, 11th INDIACom; 2017 4th International Conference on "Computing for Sustainable Global Development" organized by BVICAM, New Delhi held on 01st - 03rd March, 2017.Attended one day Training on " Ubuntu 12.04(LTS)", organized by ICT South Campus(University of Delhi) on September 27, 2013.
11. Attended Faculty Development Programe on " Harnessing Behavioural Skill in Academics" organized by Deparment of Management, HMR Institute of Technology & Management Hamidpur, Delhi-110036, on September 12, 2012.
12. Attended International Telecommunicaton Union(ITU) workshop on "Standard and Intellecutal Property Rights(IPR) Issues" organized by HMR Institute of Technology & Management Hamidpur, Delhi-110036, on December 19 & 20, 2011

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

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Awards and Distinctions

Memberships

Other Academic Activities

Cultural/Extracurricular Activities

Signature of Faculty Member