




## Faculty Details proforma for DU Web-site

(PLEASE FILL THIS IN AND Email it to [websiteDU@du.ac.in](mailto:websiteDU@du.ac.in) and  
cc: [director@ducc.du.ac.in](mailto:director@ducc.du.ac.in))

<b>Title</b>	Professor	<b>First Name</b>	SUNIL	<b>Last Name</b>	MUTTOO	<b>Photograph</b>
<b>Designation</b>						
<b>Address</b>		DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF DELHI, DELHI-110007 (505, SECTOR 4 PLOT 4 , PATEL CGHS, DWARKA, NEW DELHI 110078)				
<b>Phone No</b>	Office	01127667591				
	Residence					
	Mobile	9810480076				
<b>Email</b>		<a href="mailto:skmuttoo@cs.du.ac.in">skmuttoo@cs.du.ac.in</a> , <a href="mailto:drskmuttoo@gmail.com">drskmuttoo@gmail.com</a>				
<b>Web-Page</b>						
<b>Educational Qualifications</b>						
<b>Degree</b>		<b>Institution</b>			<b>Year</b>	
B.Sc.(G) Group 'A'		University of Delhi			1974	
M.sc.(Mathematics)		University of Delhi			1976	
M.Phil.(Mathematics)		University of Delhi			1978	
M.Tech.(CSDP)		IIT - Kharagpur			1990	
Ph.D. ( Coding Theory)		University of Delhi			1982	
<b>Career Profile</b>						
<ol style="list-style-type: none"> <li>1. Professor in Computer Science</li> <li>2. Associate Professor in Computer Science Joined on 31-8-1991,</li> <li>3. Assistant Professor in Mathematics in all these colleges (for ten years)           <ul style="list-style-type: none"> <li>• S. G. T. B. Khalsa College, University of Delhi, Delhi- 110007</li> <li>• Dyal Singh College, University of Delhi, Lodi Road, New Delhi.</li> <li>• P.G.D.A.V. College, University of Delhi, Nehru Vihar, New Delhi.</li> <li>• Moti Lal Nehru College, University of Delhi, South Campus, New Delhi.</li> <li>• Rajdhani College, University of Delhi, Raja Garden, New Delhi.</li> <li>• SRCC, University of Delhi, Delhi -110007.</li> <li>• Ramjas College, University of Delhi, Delhi -110007.</li> </ul> </li> </ol>						
<b>Administrative Assignments</b>						
<ul style="list-style-type: none"> <li>• Member of Board of Studies, School of Computer and System Sciences, Jawaharlal Nehru University (JNU), Delhi.</li> <li>• Member of the Advisory Council for Institute of Cyber Security and Law, University of Delhi.</li> <li>• Treasurer , Governing Body, Satyawati College, University of Delhi, Delhi-110052</li> <li>• Head of the Department from 22.10.1999 to 20.10.2002</li> <li>• Officiating Head of the Department from 09.11.1998 to 13.11.1998, 28.12.1998 to 07.01.1999, 01.06.2004 to 04.06.2004, 06.01.2007 to 12.01.2007,</li> <li>• Head of the Department of Computer Science, 30<sup>th</sup> October 2014 to 2<sup>nd</sup> November, 2016.</li> <li>• Member of CBCS committee for Computer Science.</li> <li>• Member of Faculty of Mathematical Sciences.</li> </ul>						
<b>Areas of Interest / Specialization</b>						

<b>Information Security</b>				
<b>Subjects Taught</b>				
Cryptography, Information hiding Techniques				
<b>Time table of the subjects taught during the current semester</b>				
S.No	Subject	Days	Time	Classroom
1.	Information Security (Theory)	Not allotted yet	Not allotted yet	Not allotted yet
2.	Special Topics in Information Security (Theory)	Not allotted yet	Not allotted yet	Not allotted yet
3.	Information Security (Practical)	Not allotted yet	Not allotted Yet	Lab 1
4.	Special Topics in Information Security (Practical)			Lab2
<b>Research Guidance</b>				
<ul style="list-style-type: none"> <li>• Eight Students awarded Ph.D. Degree.</li> <li>• Two Students submitted the Ph.D. thesis</li> <li>• Seven Students registered for Ph.D.</li> </ul>				
<b>Publications Profile</b>				
More than 55 papers published in International Journals. More than 30 Papers presented in Conferences.				
<b>Publications in the Last one year</b>				
<ol style="list-style-type: none"> <li>1. Shikha Badhani, Sunil Kumar Muttoo (2019) "Android Malware Detection Using Code Graphs" System Performance and Management Analytics pp 203-215</li> <li>2. Shikha Badhani, Sunil Kumar Muttoo (2018) 'Evading android anti-malware by hiding malicious application inside images" International Journal of System Assurance Engineering and Management Volume 9, Issue 2, pp 482-493</li> <li>3. Manisha Gaur, Bhawna Minocha, Sunil Kumar Muttoo (2018), "A Study of Factors Affecting MapReduce Scheduling" Big Data Analytics pp 275-281</li> <li>4. Arora, Ruchi; Sunil Kumar Muttoo, "PRIVACY AND SECURITY CONCERN OF CUSTOMERS DOING ONLINE SHOPPING - AN ANALYTICAL STUDY" (2018) International Journal of Advanced Research in Computer Science; Udaipur Vol. 9, Iss. 1.</li> <li>5. Sunil kumar Muttoo, Shikha Badani (2017) "Android malware detection : state of the art" International Journal of IT ,Springer Vol. 9 No. 1,111-117.</li> </ol>				

6. Sushma Verma, S K Muttoo (2016) “An Android Malware Detection Framework Based on Permissions and Intents” To appear in Defence Science Journal, DESIDOC, DRDO.
7. Maiya Dina, Saibal K. Pal, S.K. Muttoo, Anjali Jain (2016) “Cuckoo Search for analysis of LFSR based cryptosystem”, Perspectives in Science, Elsevier Publications, Vol. 8, 435—439
8. Rajan Gupta, Sunil Kumar Muttoo, S K Pal (2016) Implementation & Analysis of Integrated Utility System in Developing Nation like India’. iJES 4(2) 11-17
9. Hans, H., Ahuja L. and Muttoo, S.K. (2016) ‘A Fuzzy Logic Approach for Detecting Redirection Spam’, Int. J. Electronic Security and Digital Forensics, Vol. 8, No. 3,,191-204.
10. Bansal A., Muttoo S. K., Kumar V. (2016), “Secure Data Hiding Along Randomly Selected Closed Knight Tour”, International Journal of Applied Security Research, Taylor & Francis, vol. 11 no. 1, pp. 90-100.

#### Conference Organization/ Presentations (in the last three years)

1. Chaired a session in International Conference on Cyber Security, held on May 21-22, 2018, at Vivekananda Institute Of Professional Studies, Pitam Pura, New Delhi.

2. Key note Speaker :National Workshop on Advanced Technique in Mathematics, Physics and Computer Science, SRM uUniversity, Delhi-NCR Campus( 18-20 February, 2016)

3. Chaired a session : Jamia Melia Islamia, New Delhi( 30<sup>th</sup> March, 2016)

4. Judged a session: ICICCT-2016, 14<sup>th</sup> May-2016.

5. Invited Talk : INBUSH ERA, Amity University, Greater Noida Campus, 3<sup>rd</sup>-5<sup>th</sup> February, 2016

6. Chaired a session: ICCTICT 2016, GGSIPU, 11<sup>th</sup> -13<sup>th</sup> March 2016

#### Research Projects (Major Grants/Research Collaboration)

- Recipient of Vice Chancellor's Research Grants.

#### Awards and Distinctions

- Recipient of Research Fellowship for Ph.D. From ISRO, India.
- Recipient of Research Grant from UGC, India.
- Recipient of Fellowship for M.Tech from DOE, India

#### Association With Professional Bodies

- Life Member of Computer Society of India.
- Member of Associated Computing Machines, USA.
- Life Member of Cryptographic Society of India.

#### Other Activities

- Coordinator for MCA 2019-2020 Entrance examination.
- Coordinator for MCA and M.Sc. (Computer Science) Entrance Examinations. University of Delhi.
- Member of Executive Council, Central Kashmir University(2010-13)
- Member of Project Monitoring & Review Committee (DRDO)
- Examiner of Ph.D. / M.Tech. Dissertation of IIT Delhi, JNU Delhi , NSIT

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.