

Brief Profile

Name:	Neeraj Kumar
Date of Birth:	13/07/1983
Educational Qualification:	
<i>Ph. D.</i>	Panjab Technical University, Jalandhar, (Pursuing)
<i>M. Tech :</i>	U.I.E.T, Punjab University, Chandigarh
<i>B. Tech :</i>	I.E.T, Rohilkhand University, Bareilly
Work Experience:	
• <i>Teaching:</i>	9.6 Years
• <i>Research / Industry</i>	1 Year
E-mail ID:	neeraj.kumar @miet.ac.in
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Area/Subjects of Interest :	Wireless communication
Teaching:	
<i>Subjects Taught at UG level:</i>	Switching Theory and Logic Design, Information Theory and Coding, Data Communication Network, Digital Communication ,Electronic Switching
<i>Subjects Taught at PG level:</i>	Information Theory and Coding, Research Methodology
Research Guidance	
<i>No. of M.Tech Guided:</i>	03
Research Publications	
• Journals:	04
• Conferences:	03
• Book Chapters	-
Patent/IPR	-
(Books Published etc.)	
No. of National/International Conferences attended/ Paper Presented	-
STC/FDP/Summer/Winter Schools/Workshops/Seminars attended:	8
Memberships of the Professional Societies	-
Awards/Honors	-
Any other relevant Information	-

LIST OF PUBLICATIONS

Journal Papers

1. Neeraj Kumar, Dr. Dalveer Kaur, “**BER Performance Comparison of Channel Inversion and Regularized Channel Inversion Methods for Multi-user MIMO System**” published in IJEIRD (International Journal of Engineering Science Invention Research & Development), Vol. I Issue II August 2014.
2. Neeraj Kumar, Dr. Dalveer Kaur, “**Performance Analysis of Handoff in CDMA Cellular System**” published in IJCT International Journal of Computers & Technology ,Vol.3, 20 Jul 2013.
3. Neeraj Kumar, Keshav Raj, Dr. Dalveer Kaur, “**Differential Cryptanalysis on S-DES**” published in IJMIT International Journal of Management & Information Technology, Vol.1, 31 July 2012
4. Neeraj Kumar, “**Investigation In Brute Force Attack on Cellular Security Based on DES and AES**”, Published in IJCEM International Journal of Computing Engineering and Management, Vol.14, 1 Oct 2011.

Conference Papers:

1. Neeraj Kumar “**Analysis of Linear Attack on S-DES**”, NCRA-MTDCS-2011, National conference on “ Recent Advances in Microwave Tubes, Devices and Communication System”, Jagan Nath Gupta Institute of Engineering and Technology(JNIT), Sitapura in associated with IEEE MTTTS India Council, March 4-5,2011.
2. Neeraj Kumar, Kumari Sonia “**Analysis of Brute Force Attack on S-DES**”, NSETCSIT-2011,National seminar on “ Emerging Trends in Computer Science and Information Technology” organised by Department of Information Technology, Institute of Engineering and Technology, Bhaddal, November 1-2,2011.
3. Neeraj Kumar “**Improved Authentication Protocol For GSM**”, National Conference on “Emerging Trends in Wireless Communication and E-Security”, UIET-Panjab University, January 11-12, 2007.