




CURRICULUM VITAE



Manoj Balyan

	Associate Professor in Mathematics
	Department of Mathematics R. K. (P.G.) College, Shamli, (U.P.) INDIA, Pin-247776
	jatni1971@gmail.com
	+91 9548753852

Objective: Goal of Teaching:

Create the interest among the students about mathematics through daily life examples and by own experiences. For example, how the limit of a sequence and life of human being are connected with each other?

Statement of purpose:

I did my Ph. D. in Applied Mathematics and I am highly interested to do some good research work in this field. While, there is no research facility is available in my present job, but I regularly try to write some research paper. I also supervised M. Tech., M.Phil., and Ph.D. student, while our department is UG level. I need a good platform for a better performance, publish some good research papers, some project work and I would certainly happy to explore my teaching ability. I had a dream to become a teacher.

Field of Specialization:

✓ Applied Mathematics, Cryptography, Authentication Protocol, Network Security etc.

✓ Joining date of R.K. (PG) College, Shamli: **06-04-2005**

Educational Qualifications:

Examinations/Degree	Board/University
M.Sc.	CCSU Meerut
M. Phil	Dr. BRA University Agra
NET	CSIR
Ph. D.	Dr. BRA University Agra

Awards/ Merits/scholarship:

1.	Awarded as “Distinct Teacher” on 5 September 2010 (Teachers Day in India) by AJP Shamli, India
2.	Awarded as “Best Teacher” on 5 September 2010 (Teachers Day in India) by Student Sangam, Shamli, India
3.	Received scholarship from U.P. Government from 1983 – 1985.
4.	Received scholarship from Meerut University Meerut from 1993 – 1995.
5.	Received Gold medal in M. Sc.
6.	Received Gold medal in M. Phil. (University Topper)

Teaching Experience:

- ❖ Worked as TA in D.A.V. (P.G.) College Muzaffarnagar from Sep 1999 to Feb 2001.
- ❖ Worked as a lecture in S.D. College of Engg & Tech. Muzaffarnagar from March 2001 to Nov 2001.
- ❖ Worked as a lecture In Hindustan College of Science & Tech. Farah Mathura from Oct 2001 to March 2005.
- ❖ In 2005, selected by higher education commission of U.P., presently Working as an associate professor in department of mathematics, R.K. (P.G.) College Shamli, since April 2005.

Working as a Reviewer for Some International Journals:

1. Computer and Security, <http://ees.elsevier.com>
2. Computer Communication <http://ees.elsevier.com>
3. Computer Standard and Interface. <http://ees.elsevier.com>
4. International Journal of Network Security. <http://ijns.nchu.edu.tw>
5. Journal of Computer Security. <http://www.mitre.org/public/jcs>
6. Journal of System and Software. <http://ees.elsevier.com/jss>
7. The Computer Journal. <http://comjnl.oxfordjournals.org>
8. The Computer Networks <http://ees.elsevier.com/cn>
9. International Journal of Communication Systems. <http://www3.interscience.wiley.com>
10. Applied Mathematics- A Journal of Chinese Universities Yuquan Campus, Zhejiang University, Hangzhou, China, <http://www.math.zju.edu.cn/amjcu/zclE.asp>
11. IEEE Journal on Selected Areas in Communications. <http://www.jsac.ucsd.edu>
12. Security and Communication Networks. www.wiley.com.
13. Computer and Mathematics with application. <http://ees.elsevier.com/camwa>
14. EURASIP Journal on Wireless Communication Systems. www.wiley.com.

In addition to the above list, I am also a regular reviewer of some International Conferences.

Member of Editorial Board of Some Journals:

1. Asian Journal of Mathematics & Statistics
2. Asian Journal of Algebra
3. Trends in Applied Sciences Research
4. Journal of Applied Sciences

Research Experience:

- ❖ Guided 3 students for Ph. D. Degree
- ❖ Supervised 02 students for M. Phil. Degree

Administration Experience:

- ✓ Worked as a warden, at Hindustan College of Science & Tech. Farah Mathura. (Since Nov 2003 to April 2005).
- ✓ Worked as a proctor, at R. K College Shamli, during the session 2008-2011
- ✓ Worked as a Programme Officer of NSS Unit –II, R. K College Shamli, November 2008-Nov 2011.
- ✓ Worked as a Programme Officer of NSS Unit –II, R. K College Shamli, November 2015-Nov 2018.
- ✓ Worked as a proctor, at R. K College Shamli, since 2015.
- ✓ Working as an active member of various committees related to the academic development of the college.
- ✓ Worked as assistant superintendent in college examination team.

Additional Activity:

- ❖ Basic knowledge of computer and to operate various software of writing and editing.
- ❖ Worked as an Editor for the departmental newsletter, in Hindustan College of Science & Tech. Farah Mathura. (Nov 2001 –April 2005).
- ❖ Sports: Kabaddi, Volleyball and Badminton.
- ❖ cultural activities: writing poems.
- ❖ Worked as a Co-Editor of College magazine, from 2007 to 2011.

Publications (Research/Review/Book/Book Chapters/Popular Articles):

1. A directed signature scheme and its applications, in the proceeding of *National conference on Information Security, Sponsored by DRDO*, p. p. 124 -134, Jan 8-9 –2003, New Delhi. The full paper is also available on <http://arXiv.org/ftp/cs/papers/0409/o4090036.pdf>

-
2. Application of directed signature scheme, *South East Asian Journal of Mathematics and Mathematical Science-2* (1). p. p. 13-26. **ISSN 0972-7752**.

 3. A directed threshold signature scheme. The full paper is available on <http://arxiv.org/ftp/cs/paper/0411/0411005.pdf>

 4. A digital signature scheme with threshold generation and verification. The full paper is available on <http://arxiv.org/ftp/cs/papers/0409/0409014.pdf>

 5. The password change phase is still insecure. The full paper is available on <http://arxiv.org/ftp/cs/paper/0409/0409004.pdf>

 6. A new remote user authentication scheme using smart cards with forward secrecy, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report No. 2004/192. The full paper is also available on <http://www.eprint.iacr.org/2004/192.pdf>

 7. Security pitfalls of an efficient remote user authentication scheme with smart cards, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report No. 2004/186, The full paper is also available on <http://www.eprint.iacr.org/2004/186.pdf>

 8. On the weaknesses and improvements of an efficient remote user authentication scheme with smart cards, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report 2004/163, The full paper is also available on <http://www.eprint.iacr.org/2004/163.pdf>

 9. Some remarks on a remote user authentication scheme using smart cards with forward secrecy, *IEEE Trans. Consumer Electronic*, **ISSN: 0098-3063**, vol. 50, no. 2, pp. 615-618, May 2004.

 10. Fault and improvement of an enhanced remote user authentication scheme with smart cards. The full paper is also available on <http://arxiv.org/ftp/cs/papers/0501/0501087.pdf>

 11. New remote user authentication scheme with smart cards, *IEEE Trans. Consumer Electronic*, **ISSN: 0098-3063**, vol. 50, no. 2, pp. 597- 600, May 2004.

 12. The Modified Scheme is still vulnerable to the parallel to the session attack. The full paper is also available on <http://arxiv.org/ftp/cs/papers/0504/0504077.pdf>

 13. **Cryptography and Network Security**, I.S.B.N. : 81 – 8283– 027–3

 14. A Modified Remote User Authentication Scheme with Forward Secrecy, in the proceeding of National Conference on Computer Science and Information Technology, Organized by Dept of Computer Science, Krishna Institute of Engg and Technology, Ghaziabad, Nov 11-12- 2006. www.kiet.ac.in
-

-
15. An Improved Remote User Authentication Scheme with Smart Cards. in the proceeding of National Seminar on Mathematics and Computer Science, **ISBN:81-8283-046-X**, Organized by Dept of Mathematics and Computer Science, S.D. College, Muzaffarnagar (Sponsored by U.G.C.), p. p. 205- 212, Nov 29-30 –2006, The full paper is also available on <http://arxiv.org/ftp/cs/papers/0504/0504076.pdf>

 16. Security Analysis of a remote user authentication scheme with smart cards, The full paper is also available on <http://arxiv.org/ftp/cs/papers/0711/075112007.pdf>

 17. A Directed Threshold signature scheme without SDC, in the proceeding of National Conference on Method and Models in Computing, **ISBN: 81-8424-271-9**, December 13-14, 2007, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi. www.jnu.ac.in . The full paper is also available on <http://arxiv.org/ftp/cs/papers/0502/0502002.pdf>

 18. An Enhanced Remote User Authentication Scheme Smart Cards, in the proceeding of National Conference on Method and Models in Computing, **ISBN: 81-8424-271-9**, December 13-14, 2007, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi. www.jnu.ac.in

 19. A Forward Secure remote user authentication scheme, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report No. 2007/303. <http://www.eprint.iacr.org/2007/303.pdf>

 20. New Forward Secure Remote User Authentication Scheme with Smart Cards, in the proceeding of National Conference on Information Technology, Present Practice and Challenges, Organized by Asia-Pacific Institute of Management, New Delhi – 110025, 31 Aug-1 Sep 2007. www.asiapacific.edu

 21. A Secure remote user authentication scheme with smart cards, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report 2008/331, <http://eprint.iacr.org/2008/331.pdf>

 22. A directed threshold multi- signature scheme, in the proceeding of INDIA COM – 2008, **ISSN - 0973-7529** and **ISBN 978-81-904526-2-5** serials for international references, The full paper is also available on <http://arxiv.org/ftp/cs/paper/0409/0409049.pdf>

 23. **Engineering Mathematics-III**, I.S.B.N. : 81 – 8283–096–6

 24. A Registration Scheme to Allocate a Unique Identification Number, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report 2009/383, <http://eprint.iacr.org/2009/383>, 2009.

 25. On the Security of a Proxy Blind Signature Scheme over Braid Groups, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report 2009/361, <http://eprint.iacr.org/2009/361>, 2009.
-

-
26. A New Secure Remote User Authentication Scheme with Smart Cards, International Journal of Network Security, Vol.11, No.2, PP.88–93, Nov 2010, **ISSN 1816-353X (Print) ISSN 1816-3548 (Online)** <http://ijns.nchu.edu.tw>
-
27. An Enhanced remote user authentication scheme with smart cards, International Journal of Network Security, Vol.10, No.3, PP.175–184, May 2010, **ISSN 1816-353X (Print) ISSN 1816-3548 (Online)** <http://ijns.nchu.edu.tw>
-
28. Linkability of Blind Signature Schemes over Braid Groups, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report 2009/192, <http://www.eprint.iacr.org/2009/192>, 2009.
-
29. Security analysis of a proxy signature scheme over Braid groups, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report, <http://www.eprint.iacr.org/2009/158,2009>
-
30. Unique Identification number: an E- Registration, in the proceeding of National Conference on e-Learning: An Innovative Knowledge Oriented Framework organized Advanced Centre for Telecommunication and Information System (ACTIS) Centre for Development and Technology (CDT) Foundation, New Delhi, September, 2009
-
31. **Computer Based Numerical and Statistical Techniques** , ISBN:978- 81-82-83-055-46
-
32. Some Attack on the Security of a Novel Remote User Authentication Scheme, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report, <http://www.eprint.iacr.org/2010/138,20109>
-
33. On the Security Vulnerabilities of a Hash Based Strong Password Authentication Scheme, Cryptology ePrint Archive: a publication of The International Association for Cryptologic Research (IACR), *Santa Rosa Administrative Center, University of California, Santa Barbara, CA, 93106-6120, USA*, Report, <http://www.eprint.iacr.org/2009/560,2009>
International Journal of Network Security, Vol.10, No.3, PP.175–184, May 2010, **ISSN 1816-353X (Print) ISSN 1816-3548 (Online)** <http://ijns.nchu.edu.tw>
-
34. Security Vulnerabilities of a Novel Remote User Authentication Scheme Using Smart Card Based on ECDLP, [Contemporary Computing](#) ,[Communications in Computer and Information Science](#), 2010, **ISSN: 1865-0929**, Volume 95, Part 5, 252-259,
-
35. A Directed Threshold Signature Scheme with Threshold Verification, in the proceeding of the 4th National Conference; INDIACom-2010 Computing for Nation Development, February 25 – 26, 2010 **ISSN 0973-7529** and **ISBN 978-81-904526-2-5** serials for international references.
-
36. A Remote Login Authentication Scheme with Smart Cards Based on Unit Sphere, Indian Journal of Computer Science and Engineering, **ISSN: 0976-5166**, Vol 1 No 3, 192-198.
-
37. An Improved Smart Card Based Remote user authentication scheme with session Key Agreement During the verification phase, Journal of Applied Science & Mathematics, Vol - 11(5) , pp. 38-46,(2011).
-

-
38. Cryptanalysis of Enhancements of a Password Authentication Scheme over Insecure Networks. [IC3 2011: Contemporary Computing ,Communications in Computer and Information Science](#), ISSN: 1865-0929, Vol. – 168, 524-532,(2011)
-
39. An Improved Efficient Remote Password Authentication Scheme with Smart Card over Insecure Networks. *International Journal of Network Security*, Vol.13, No.3, PP.167–177, **ISSN 1816-353X (Print) ISSN 1816-3548 (Online)** <http://ijns.nchu.edu.tw>,(2011)
-
40. Cryptanalysis and security enhancement of Chen *et al.*'s remote user authentication scheme using smart card, [Central European Journal of Computer Science](#), ISSN: 1896-1533 (Print) 2081-9935 (Online),Volume 2, [Issue 1](#), pp 60-75(2012).
-
41. Proposed Algorithm for Improving the Performance of MPLS Network Using Traffic Engineering, [International Journal of Engineering & Science Research](#), ISSN 2277-2685, Vol. 3(4), pp 2884-2890, (2013)
-
42. Analyzing Secure Clustering Maintenance (SCM) Algorithm in Mobile Adhoc Network (MANET), [Golden Research Thought](#), ISSN 2231-5063, Vol. 3(3), (2013)
-
43. Simulation and Synthesis for TACIT Network Security in Hardware Description Language Environment, [International Journal of Engineering & Science Research Tecnology](#), ISSN 2277-9655, Vol. 3(9), pp 547- 555, (2014)
-
44. Multi- Modality Biometric Assisted Smart Card Based Ration Distribution System, [International Journal of Application or Innovation in Engineering & Management](#), ISSN 2319-4847, Vol. 3(6), pp 382- 392, (2014)
-
45. Improving the usage of Network Resources using MPLS Traffic Engineering (TE), [International Journal of Current Engineering & Technology](#), ISSN 2277-4106, Vol. 5(1), pp 547- 555, (2015)
-
46. Comparative Study of Different Authentication and Identification Algorithms in Secured Cryptography, [International Journal of Engineering & Science Research Technology](#), ISSN 2277-9655, Vol. 4(1), pp 221-228. (2015)
-
47. Improving the usage of Network Resources using MPLS Traffic Engineering (TE), [International Journal of Current Engineering & Technology](#), ISSN 2277-4106, Vol. 5(1), pp 547- 555, (2015)
-
48. Weakness of a password base remote user authentication scheme, *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, ISSN : 2456-3307, Volume 2 | Issue 4 |, pp 489-494.
-
49. A New Directed Digital Signature Scheme, *International Journal on Future Revolution in Computer Science & Communication Engineering*, ISSN: 2454-4248 Volume: 3 Issue: 8 ,56 – 59.
-
50. Cryptanalysis of a Remote User Authentication Scheme, *Journal of Environmental Science, Computer Science and Engineering & Technology, JECET*; E-ISSN: 2278–179X, September 2017- November 2017; Sec. B; Vol.6. No.4, 201-207. DOI: 10.24214/jecet.B.6.4.20107..
-

-
51. The password change phase is still unsecure, *International Journal of Engineering Sciences & Research Technology*, ISSN: 2277-9655, *Vol-6(8)*: pp 1-6.
-
52. Generation of Private Registration Number Publically, *International Journal of Scientific Research in Computer Science, Engineering and Information Technology* © 2017 IJSRCSEIT | Volume 2 | Issue 4 | ISSN: 2456-3307, pp 503-507.
-
53. A Note on the Linkability of Blind Signature Schemes over Braid Groups, *International Journal on Future Revolution in Computer Science & Communication Engineering*, ISSN: 2454-4248 ,Volume: 5 Issue: 5 59 – 62.
-
54. Cryptanalysis of pitfalls of a Proxy Signature Scheme over Braid Groups, *Journal of Environmental Science, Computer science and Engineering & Technology, Jacket*; June 2019- August 2019; Sec. C; Vol.8. No.3, 151-158. E-ISSN: 2278–179X, [DOI: 10.24214/jecet.C.8.3.15158.]
-
55. Cloning attack on a Proxy Blind Signature Scheme over Braid Groups, *International Journal of Computer Sciences and Engineering*, E-ISSN: 2347-2693 Vol.-7, Issue-6, pp.152-155 June 2019
-
56. Security analysis of a Novel Remote User Authentication Scheme, *Journal of Environmental Science, Computer science and Engineering & Technology, JECET*; June 2019- August 2019; Sec. C; Vol.8. No.3, 159-164 E-ISSN: 2278–179X [DOI: 10.24214/jecet.C.8.3.15964.]
-
57. **Some Remarks on the Security Vulnerabilities of a Hash Based Strong Password Authentication Scheme"**, *International Journal of Emerging Technologies and Innovative Research* (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 6, page no.430-433, June-2019, Available: <http://www.jetir.org/papers/JETIR1906C71.pdf>
-
58. A Directed threshold signature scheme, *Next Generation Network, Advances in Intelligent system and Computing* 638, *Proceedings of CSI-2015*, <https://doi.org/10.1007/978-981-10-6005-2-18>, pp. 163-171.
-

Conferences/ Seminar Attended:

1. Presented a paper, entitled A Directed signature scheme and its applications in National conference on Information Security, sponsored by DRDO, Jan 8-9 –2003, New Delhi.
2. Presented a paper, entitled Threshold signature scheme with threshold verification in National conference On Recent Trends in Mathematics and its Applications, Organized by Indian Society of Mathematics and Mathematical Science, Feb 28-March 01, 2003, Gorakhpur.
3. Presented a paper, entitled Directed Threshold Multi - signature scheme without SDC in National conference on Recent Trends in Algebra and Analysis, Organized by Deptt of Mathematics (UGC Deptt of Special Assistance), Aligarh Muslim University, March 03-05 – 2003, Aligarh.
4. Presented a paper, entitled Directed –Threshold Multi- signature scheme in National conference on Modern Mathematics: Application To Information Technology, Organized by Deptt of Mathematics, R.B.S. College, AGRA (Sponsored by U.G.C.), March 8-9 –2003.

5. Presented a paper, entitled New remote user authentication scheme with smart cards in the 19th Annual Conference of the Ramanujan Mathematical Society, Organized by Deptt of Mathematics, I.B.S. Khandari, AGRA in July 2004.
6. Presented a paper, entitled An improved remote user authentication scheme with smart cards in the National Seminar on Mathematics and Computer Science, Organized by Deptt of Mathematics and Computer Science, S.D. College, Muzaffarnagar (Sponsored by U.G.C.), Nov 29-30 –2005.
7. Presented a paper, entitled Fault and improvements of an enhanced remote user authentication scheme with smart cards in the National Seminar on Mathematics and Computer Science, Organized by Deptt of Mathematics and Computer Science, S.D. College, Muzaffarnagar (Sponsored by U.G.C.), Nov 29-30 –2005.
8. Presented a paper, entitled The password change phase is still insecure, in the 8th Conference of the International Academy of Physical Sciences, Organized by Deptt of Mathematics and Computer Science, C.C.S.University Meerut, Dec 29-31-2005.
9. Presented a paper, entitled A Modified Remote User Authentication Scheme with Forward Secrecy, in the National Conference on Computer Science and Information Technology, Organized by Deptt of Computer Science, Krishna Institute of Engg and Technology, Gaziabad, Nov 11-12- 2006. www.kiet.ac.in
10. Presented a paper, entitled New Forward Secure Remote User Authentication Scheme with Smart Cards, in the National Conference on Information Technology, Present Practice and Challenges, Organized by Asia-Pacific Institute of Management, New Delhi – 110025, 31 Aug-1 Sep 2007. www.asiapacific.edu
11. Presented a paper, entitled An Enhanced Remote User Authentication Scheme Smart Cards, in the National Conference on Method and Models in Computing, December 13-14, 2007, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi. www.jun.ac.in
12. Presented a paper, entitled A Directed Threshold signature scheme without SDC, in the National Conference on Method and Models in Computing, December 13-14, 2007, School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi. www.jun.ac.in
13. Presented a paper, entitled Security Analysis of a Remote User Authentication Scheme with Smart Cards, in the 23th Annual Conference of the Ramanujan Mathematical Society, 19th – 21st May 2008, Organized by Deptt of Mathematics, Indian Institute of Technology Kanpur. www.iitk.ac.in
14. Presented a paper, entitled A Secure Remote User Authentication Scheme with Smart Cards, in the National Conference on Modern Trends in Information Technology, 13-14 January, 2009, Organized by International Development Centre Foundation, New Delhi.
15. Presented a paper, entitled Unique Identification number: an E- Registration, in the proceeding of National Conference on e-Learning: An Innovative Knowledge Oriented Framework organized Advanced Centre for Telecommunication and Information System (ACTIS) Centre for Development and Technology (CDT) Foundation, New Delhi, 9-10 September, 2009.
16. Presented a paper, entitled A Registration Scheme to Allocate a Unique Identification Number, in the 25th Annual Conference of the Ramanujan Mathematical Society organized by National Institute of Technology Jalandhar –India, May, 3-5, 2010.
17. Participated in one day workshop on “Role of mathematics in daily life & application in management & technology” held on SIET-Shamli-India, April 11, 2010.

18. Attended the two days training programme for NSS Programme Officer organized by National Service Scheme, C. C. S. University held on 14-15 Dec 2010.
19. Attending the International congress of Mathematician, Hyderabad, India, 19-27 August 2010. <http://www.icm2010.org.in/>
20. Attending the 27th Annual Conference of Ramanujan Mathematical Society, organized by Shiv Nadar University –India, Oct 20-23, 2012
21. Presenting a paper, entitled Past Present and Future of Nano Technology in India in National Conference on Science and Technology for Indigenous Development in India, organized by ISCA and GKV Haridwar-India, Sep 28-30, 2015
22. Participated in state level IQAC workshop held at Dr. Ram Manohar Lohiya National Law University, Lucknow on 11 Dec 2015.
23. Participated in IQAC Workshop on Roll of IQAC and Higher Education, organized by J. K. P. (P.G.) College, Muzaffarnagar, sponsored by C.C.S. University Meerut on 18 March 2015.
24. Presenting a paper, A directed threshold signature scheme, Next Generation Network, Advances in Intelligent system and Computing organized by Computer Society India -2015, Dec 02-05, 2016.
25. Presenting a paper, Generation of private number Publically, ICASET-2016, Jan 29-30, 2016.
26. Presenting a paper, entitled Different kind of digital signature scheme in National Conference on Science and Technology for nation Development in India, organized by ISCA and GKV Haridwar-India, Nov 20-22, 2016.

Professional Membership:

- ❖ Indian Mathematical Society
- ❖ Indian Society of Mathematics and Mathematics Sciences
- ❖ Cryptographic Research Society of India
- ❖ Ramanujan Mathematical Society
- ❖ Member of Technical Programme Committee in International Conferences.

Attended Orientation\Refresher\ Short Term Courses:

- ❖ Attended a Faculty Development Programme at QIP center of IIT Roorkee, from 21- 25 July 2003.
- ❖ Attended a course on Environmental Science at IIT Kanpur, from 18- 24 may 2004.
- ❖ Participated in the 85th four - week Orientation Programme organized by the UGC – ASC, Jamia Millia Islamia New Delhi from 05th August – 02th September 2008 and obtained grade A.
- ❖ Attended a refresher course on West Asian Studies organized by the UGC – ASC, Jamia Millia Islamia New Delhi from 20th February – 12th March 2013 and obtained grade A.

- ❖ Attended a refresher course on West Asian Studies organized by the UGC – ASC, Jamia Millia Islamia New Delhi from 06th February – 26th February 2014 and obtained grade A.
- ❖ Attended a short-term course on Research Methodology, organized by the UGC – ASC, Kurukshetra University Kurukshetra from 28th April – 04 May 2016.

Date: 31 March 2022

Place: Shamli, Muzaffarnagar India-247776



MANOJ KUMAR

jatni1971@gmail.com