

# Nemi Chandra Rathore

## Educational Qualification:

- M.Sc.(CS) from Govt. Science College Gwalior,
- M.Tech (IT) in Wireless Communication & Computing from IIIT Allahabad,
- PhD (Pursuing, IIT Patna)

## Research Interest:

Security & Privacy in Online Social Networks, Computer Networks and Network Security .

## Areas of Expertise :

Computer Networks; Cryptography & Network Security, Database Management System, Data Structures and Algorithms. Design & Analysis of Algorithms

## Publications

### Conferences:

1. Neeraj Kumar, Pranay Tiwari, **Nemi C. Rathore** "Distance based Data Aggregation in clustered WSN", 1<sup>st</sup> national conference on Electronics Communication & Instrumentation, e-Manthan-2010, Jhansi conducted by IETE Gwalior.
2. **Chandra Rathore, N.**; Verma, S.; Tomar, G.S., "*CMAC: A cluster based MAC protocol for VANETs*", "International Conference on Computer Information Systems and Industrial Management Applications (CISIM), 2010, vol., no., pp. 563, 568, 8-10 Oct. 2010 .
3. Shashi Kant Tiwari, **Nemi Chandra Rathore**, Survey on VANET Privacy Preserving Protocols, Proceeding of International Conference on Recent Trends in Computer Science & Engineering, Feb-2014, Narosa Publishing House Pvt. Ltd, pp-80-90, ISBN - 9788184873917.
4. Divya Kumari, **Nemi Chandra Rathore**, *Inference Attacks in OSNs: A Survey*, Proceeding of International Conference on Recent Trends in Computer Science & Engineering, Feb – 2014 Narosa Publishing House Pvt. Ltd, pp-91-100, ISBN-9788184873917.

5. **Nemi Chandra Rathore**, Somanath Tripathy, Joydeep Chandra, *Predicting User Visibility in Online Social Networks Using Local Connectivity Properties*, Distributed Computing and Internet Technology, 11<sup>th</sup> International Conference, ICDCIT 2015, Bhubaneswar, India, Volume 8956, Lecture Notes in Computer Science pp 419-430., February 5-8, 2015.
6. Ashish Kumar, **Nemi Chandra Rathore**, *Improving attribute inference attack using link prediction*, In proceeding of International, conference on Recent Trends in Mathematics, Statistics & Computer Science 2015, World Scientific.  
[http://dx.doi.org/10.1142/9789814704830\\_0046](http://dx.doi.org/10.1142/9789814704830_0046)
7. Abhinav Kumar and **Nemi Chandra Rathore**, *Relationship Strength Based Access Control in Online Social Networks*, International Conference on Information & Communication Technology for Intelligent Systems-2015, November 28-29, 2015, Ahmadabad, INDIA, pp 197-206, ISBN 978-3-319-30926-2. DOI-10.1007/978-3-319-30927-9.
8. **Nemi Chandra Rathore**, Prashant Shaw, Somanath Tripathy: *Collaborative Access Control Mechanism for Online Social Networks*. Proceeding of 12<sup>th</sup> International Conference on Distributed Computing and Internet Technology, ICDCIT 2016, Pages 142-147.
9. **Nemi Chandra Rathore**, Somanath Tripathy: *Collaborative Access Control Mechanism for Online Social Networks*. 6<sup>th</sup> IEEE International Advance Computing Conference (IACC-2016), Bhimavaram, Andhra Pradesh India, February 27<sup>th</sup> -28<sup>th</sup> 2016, ISBN 978-1-4673-8285-4, pp 19-24.
10. Priyanka Kumari, **Nemi Chandra Rathore**, *Fake profile identification on Facebook Through Social Media App*, International Conference on ICT for Sustainable Development, 2016, PANAJI, GOA, INDIA, 1-2, July 2016.

### **Journals:**

1. **Nemi Chandra Rathore**, Priyank Gour, Bhagwan Sahay Meena, Vishal Jain and Neeraj Jain, Improved Clustering Protocol for Delay Minimization, International Journal of Computer Networking, Wireless and Mobile Communications, ISSN(P): 2250-1568; ISSN(E): 2278 – 9448 , Vol. 3, Issue 5, Dec 2013, 41-48

2. **Nemi Chandra Rathore**, Somanath Tripathy, *A Trust-based Collaborative Access Control Model with Policy Aggregation for Online Social Networks*, Social Network Analysis and Mining, ISSN - 1869-5469 (Jan-2017). (E-SCI Journal)

**M.Tech Thesis Guided:** 12

**M.Sc. Project Supervised :** 1

**Teaching Experience :** 8 Years 4 months

**Positions Held:**

- Head (Incharge) of the Department of Computer Science from 17<sup>th</sup> October 2012 to March 2013.
- Head (Incharge) of the Department of Computer Science from 18<sup>th</sup> February 2016 to 10<sup>th</sup> December 2017.

**Membership of Professional Body:**

- Professional Member IEEE (Membership id -92818159)
- Member of Cryptology Research Society of India (L/0861)