


Brief CV

Name	RAHUL SAHA	中文名		
Gender	Male	Title (Pro./Dr.)	Mr. (Dr.)	
Position (President...)	Assistant Professor	Country	India	
University/Department	Lovely Professional University			
Personal Web Sites	NA			
Research Area	wireless adhoc networks, information security and cryptography, network security, cyber security and cyber physical systems, software engineering, wireless sensor networks, artificial intelligence and soft computing.			

Brief introduction of your research experience:

I am having 7 years of experience of research and having various international publications in the domain of **wireless adhoc networks, information security and cryptography, network security, cyber security and cyber physical systems**. Moreover, my research interests also include **software engineering, wireless sensor networks, artificial intelligence and soft computing**. Presently, I am doing my research as a research scholar in the field of cryptography in Lovely Professional University, India and also working as an Assistant Professor in the university.

FUNDED PROJECT

- DST-PMAC project, Symmetric Random Function Generator as a New Cryptographic Primitive, grant of 15 Lakhs, Lovely Professional University, India.

EDITORIAL BOARD MEMBER

- International Journal of Knowledge Based Computer Systems
- International Journal of Computer Science, Engineering and Information Technology
- International Journal of System and Software Engineering
- Journal of Advanced Research in Computer Technology & Software Applications
- International Journal of Engineering and Techniques
- International Journal of Engineering Research
- World Journal of Engineering Research and Technology

REVIEWER TEAM MEMBER

- International Journal of Cyber Security and Digital Forensics
- Journal of Engineering Science and Technology
- International Journal of Information Security and Applications
- American Journal of Applied Sciences
- International Journal of Information Security and Privacy
- International Journal of Soft Computing, Artificial Intelligence and Applications
- International Journal of Ad hoc, sensor & Ubiquitous Computing (IJASUC)

TECHNICAL MEMBERSHIP

- International Association of Cryptography Research (IACR)
- IEEE Professional Membership

PUBLICATIONS

[1] “Identifying Reference Objects by Hierarchical Clustering in Java Environment”, International Journal of Computer Science Issues, Vol. 8, Issue 5, No 3, September 2011.

[2] “Claptcha- A Novel Captcha”, T.-h. Kim et al. (Eds.): SecTech 2011, CCIS 259, pp. 94–100, 2011 © Springer-Verlag Berlin Heidelberg 2011.

This work is supported by Security Engineering Research Center and granted by Korea Ministry of Knowledge Economy.

[3] “CATEMO-A Novel Emotion Categorization System Based on DECICLUS”, International Journal of Algorithms, Computing and Mathematics (IJACM), Vol. 5, No.1, February 2012 cited at Advanced Computing Research Society.

[4] “OLAP in Retail Enterprise Sales”, in the proceedings of National Conference on Data Mining and Warehousing (NCDMW 2012), Faridabad, India.

[5] “DSAB- An Efficient Approach for Security Enhancement in MANETs”, in the proceedings of the International Conference on Information Security and Cryptology of ISCTURKEY2012, Ankara, Turkey.

[6] “CAPTCHINO- A Gamification of Image-based CAPTCHAs to Evaluate Usability Issues” in the Proceedings of International Conference on Computing Sciences (ICCS 2012) in association with IEEE, Scopus Indexed, September 2012.

[7] “Complexity Analysis of Image-based CAPTCHAs to Evaluate Usability Issues” in the Proceedings of International Conference on Computing Sciences (ICCS 2012) in association with IEEE, Scopus Indexed, September 2012.

[8] “DSAB – A Hybrid Approach for Providing Security in MANETs”, an extension of a paper published in the ISCTURKEY2012, International Journal of Information Security Science, Vol.1, No.3, page: 82.

- [9] "Ensuring Trust and Reputation with Intrusion Detection and End-to-End Authentication"- A research proposal in the Proceedings of 2nd International Conference on Computing Sciences (WILKES100) in association with Elsevier, Punjab, November, 2013.
- [10] "Combocaptcha-A New Vision in CAPTCHA World", International Journal of Software Engineering & Its Applications 8 (11), Scopus Indexed, 2014.
- [11] "SeLHOC: Secured Location Estimation With One Hop Clusters In Wireless Sensor Networks", International Journal of Applied Engineering 10(5), Scopus Indexed, 2015.
- [12] "Probabilistic Relation between Triadic Closure and the Balance of Social Networks in Presence of Influence", The International Journal of Cyber Behavior, Psychology and Learning (IJCBL). (Scopus indexed).
- [13] "Analysis of Relation between Entropy and Factors in Image Based CAPTCHAs", International Journal of Engineering and Technology (IJET), Vol 7 No 6, pp: 2105-2108, 2016. (Scopus Indexed)
- [14] "Improved Hybrid Scheduling Algorithm for Grid Infrastructure", Indian Journal of Science and Technology, Vol 8, Issue 35, 2015. (Scopus indexed)
- [15] "Improvement of Trust and Reputation using Intrusion Detection and Authentication in Ad Hoc Networks", International Journal of Security and Its Applications Vol. 10, No. 4, pp.63-70, 2016. (Scopus indexed)
- [16] Optimized Packet Filtering Honeypot with Snooping Agents in Intrusion Detection System for WLAN, Shannon100 International Conference, India, April, 2016.
- [17] Chaotic Image Encryption Technique based on IDEA and Discrete Wavelet Transformation, Indian Journal of Science and Technology, Volume 9, Issue 15, April 2016.
- [18] Design of Distributed Approach for Wormhole Attack Detection in Wireless Sensor Networks, International Journal of Control and Automation, Vol.10, No.7, pp:89 96, 2017.
- [19] Probabilistic Triadic Model: Relation of Triadic Closure and Social Influences, International Journal of Multimedia and Ubiquitous Engineering, Vol.12, No.7, pp:01-08, 2017.
- [20] Symmetric random function generator (SRFG): A novel cryptographic primitive for designing fast and robust algorithms, In Chaos, Solitons & Fractals, Volume 104, 2017, Pages 371-377.
- [21] Securing range free localization against wormhole attack using distance estimation and maximum likelihood estimation in Wireless Sensor Networks, In Journal of Network and Computer Applications, Volume 99, 2017.
- [22] A Security Provisioned Blockchain Architecture for Multi-Purpose Health Information, International Journal of Advanced Science and Technology, vol. 116, pp:141-150, 2018.
- [23] An Adaptive Parallel Interference Mitigation Technique using Artificial Neural Network in Complementary

Coded MC-CDMA, International Journal of Future Generation Communication and Networking, Vol.11, No.4, pp: 69-78, 2018.

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