

Dr. Radhika N

Professor,

Department of Computer Science and Engineering,

Amrita Vishwa Vidyapeetham University, Coimbatore,

Ph.No.: 9994130125

E-mail: n_radhika@cb.amrita.edu

List of Publications

1. Priya, A. V., & Radhika, N. (2019). Performance comparison of SDN OpenFlow controllers. *International Journal of Computer Aided Engineering and Technology*, 11(4-5), 467-479.
2. Reddy, C. H., Mini, K. M., & Radhika, N. (2018, May). Structural Health Monitoring—An Integrated Approach for Vibration Analysis with Wireless Sensors to Steel Structure Using Image Processing. In *International Conference on ISMAC in Computational Vision and Bio-Engineering* (pp. 1595-1610). Springer, Cham.
3. Athev, C. M., Alistar, J. N., & Radhika, N. (2018). Synthesis of Al LM25/TiC Composite Using Squeeze Casting Method and Investigation of its Mechanical and Adhesive Wear Properties. *Materials Today: Proceedings*, 5(5), 12681-12692.
4. Vimalkumar, K., & Radhika, N. (2017, September). A big data framework for intrusion detection in smart grids using Apache Spark. In *2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI)* (pp. 198-204). IEEE.
5. RADHIKA, N., REDDY, D. C., & SARITHA, G. (2016). Improving Grid Power for Transmission Limits Both during Day and Night by using PV-STATCOM Method.
6. Menon, D. M., & Radhika, N. (2016, March). Anomaly detection in smart grid traffic data for home area network. In *2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)* (pp. 1-4). IEEE.
7. Radhika, N. (2016). Design, Synthesis and Biological Evaluation of Novel Mycobacterium tuberculosis PknB Inhibitors (Doctoral dissertation).
8. Menon, D. M., & Radhika, N. (2016). A secure deep belief network architecture for intrusion detection in smart grid home area network. *IIOAB Journal*, 7, 479-483.

9. Manjusha, V., & Radhika, N. (2016). A Performance Analysis of Black Hole Detection Mechanisms in Ad Hoc Networks. In *Proceedings of the International Conference on Soft Computing Systems* (pp. 433-443). Springer, New Delhi.
10. Vignesh, K., & Radhika, N. (2015). An improved role based trust management system using interactive artificial bee colony (I-ABC) algorithm for wireless sensor networks. *Research Journal of Applied Sciences, Engineering and Technology*, 10(10), 1175-1184.
11. Seethal, K., Menon, D. M., & Radhika, N. (2015). Design of a Secure Smart Grid Architecture Model using Damgard Jurik Cryptosystem. *Research Journal of Applied Sciences, Engineering and Technology*, 9(10), 895-901.
12. Ambika Devi Amma, T., Radhika, N., & Pramod, V. R. (2015). Major Cloud Computing Threats-An ISM Approach. *International Journal of Applied Engineering Research*, 10(16), 37804-37808.
13. Suresh, A., Harish, K. V., & Radhika, N. (2015). Particle swarm optimization over back propagation neural network for length of stay prediction. *Procedia computer science*, 46, 268-275.
14. Vineeth, V. V., Radhika, N., & Vanitha, V. (2015). Intruder Detection and Prevention in a Smart Grid Communication System. *Procedia Technology*, 21, 393-399.
15. Gayathri, N., Vineeth, V. V., & Radhika, N. (2015). A novel approach in demand side management for smart home. *Procedia Technology*, 21, 526-532.
16. Menon, D. M., & Radhika, N. (2015). Design of a secure architecture for last mile communication in smart grid systems. *Procedia Technology*, 21, 125-131.