Name	Dr. A. Babu Karuppiah
Designation	Professor
Department	Department of Electronics and Communication Engineering
Name of the Organization/Institution	Velammal College of Engineering & Technology
Place	Madurai
Pincode	625009
Whether Affiliated to Anna university	Yes
Mobile	99424 68519
E-Mail	abk@vcet.ac.in
Area of Specialization	Wireless sensor networks

Last Five Years Publications List:

1. Babu Karuppiah, A, RajaRaja, R, Shiny Ponmani, S & Meenkashi, C 2017, 'An Enhanced and Secured Wireless Environment using Swept Frequency Capacitive Sensing', Asian Journal of Information Technology, vol. 15, no. 18, pp. 3545 – 3550.
2. Babu Karuppiah et al., "Life Saving Lane Clearance Mechanism for Speedy Transport of Ambulance" in the National Conference on Innovations in Electronics, Communication and Computing - NCIECC`17 Velammal College of Engineering and Technology, Madurai
3. Babu Karuppiah et al., "Hardware efficient LED Algorithm for Resource Constrained Devices" in the National Conference on Innovations in Electronics, Communication and Computing - NCIECC`17 Velammal College of Engineering and Technology, Madurai
4. Babu Karuppiah et al., "Life Saving System against Sexual Abuse of Women" in the National Conference on Innovations in Electronics, Communication and Computing - NCIECC`17 Velammal College of Engineering and Technology, Madurai
5. Babu Karuppiah et al., "Reducing Energy Consumption Using Minimum Hop Routing Protocol in Wireless Sensor Networks", IEEE Sponsored 3rd International Conference on Innovations in Information Embedded and Communication Systems ICIIECS16 held at Karpagam College of Engineering, Coimbatore during March 17-18, 2016.
6. Babu Karuppiah et al., "Mitigating black hole attacks in Wireless Sensor Networks using Modified AODV Routing Protocol", IEEE Sponsored 3rd International Conference on Innovations in Information Embedded and Communication Systems ICIIECS16 held at Karpagam College of Engineering, Coimbatore during March 17-18, 2016.
7. Babu Karuppiah et al., "An Improvised Hierarchical Black Hole Detection Algorithm in Wireless Sensor Networks" in the International Conference on Information, Innovation in Computing Technologies, ICIICT 2015 held at Saveetha Engineering College, Chennai during February 19-20, 2015.

8. Babu Karuppiah, A & Rajaram, S 2014, 'False misbehavior elimination of packet dropping attackers during military surveillance using wireless sensor networks', Advances in Military Technology, vol. 9, no.1, pp. 19-30 (ISSN: 18022308 Impact Factor: 0.514-As indicated in Annexure II of the refereed journal list given in Anna University Portal).
9. Babu Karuppiah, A & Rajaram, S 2014, 'Signed graph approach in adaptive transmission power to enhance the lifetime of wireless sensor networks', American Journal of Applied Sciences, vol. 11, no. 8, pp. 1292-1300, (ISSN: 15469239 Impact Factor: 0.906-As indicated in Annexure II of the refereed journal list given in Anna University Portal).
10. Babu Karuppiah, A & Rajaram, S 2013, 'An improved energy efficient intrusion detection system for false misbehavior elimination in wireless sensor networks', WSEAS Transactions on Information Science and Applications, vol. 10, no. 12, pp. 389-395 (ISSN: 17900832 Impact Factor: 0.568-As indicated in Annexure II of the refereed journal list given in Anna University Portal).
11. Babu Karuppiah, A & Rajaram, S 2012, 'An enhanced architecture for pattern matching in FPGA for intrusion detection in wireless sensor networks', Mobile Network Design and Innovation, vol. 4, no. 3, pp. 119-129 (ISSN: 17442869 Impact Factor: 0.797- As indicated in Annexure II of the refereed journal list given in Anna University Portal).
12. Babu Karuppiah et al., "Cluster Based Energy Efficient Intrusion Detection System for Wireless Sensor Networks" in the Journal of Computer Science and Applications.
13. Babu Karuppiah et al., "Light Weight Encryption algorithm for WSN" in the CIIT International Journal of Wireless Communication in June 2012.
14. Babu Karuppiah et al., "Energy Efficient Encryption algorithm for WSN" in the International Journal of Engineering Research and Technology in May 2012.