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<u>JOURNAL PUBLICATIONS</u>

- 1. **K.Vinoth Kumar**, V.Eswaramoorthy, "SDARP: Security based Data Aware Routing Protocol for Ad hoc Sensor Networks", International Journal of Intelligent Networks, Vol. 1, Issue-1, 2020, ISSN: 2666-6030 (**Elsevier-KeAi Publisher**).
- 2. N.Krishnaraj , **K.Vinoth Kumar**, V.Eswaramoorthy, "Effective Hybrid Technique in Security based Wireless Sensor Network", Journal of Computational and Theoretical Nanoscience. (**Accepted for publication**).
- 3. Srinivasan Subramanian, **K.Vinoth Kumar**, Malladi Srinivas "Automated kitchen management and provisions monitoring system using IOT technology", International Journal of Control and Automation, Vol 13, No.2 (2020), pp 786-784. (**Scopus Indexed**).
- 4. D.Anandha Kumar, S.Nyamathullah, M.Kirankumar, K.Vinoth Kumar, A hybrid secure aware routing protocol for authentication in MANET ", International Journal of Advanced Science and Technology, Vol 29, No.3 (2020), pp 8786-8794. (Scopus Indexed).
- 5. S.Pramela Devi, V.Eswaramoorthy, **K.Vinoth Kumar** "Likelihood based Node Fitness Evaluation Method for Data Authentication in MANET", International Journal of Advanced Science and Technology, Vol. 29, No. 3 (2020), pp. 5835~5842 ISSN: 2005-4238. (**Scopus Indexed**).
- 6. M.G.Kavitha, **K.Vinoth Kumar**, "Localization based Trilateration method Using Mobile Anchor in Wireless Sensor Networks" International Journal of Advances in Applied Sciences (IJAAS), Vol. 9, No. 1, March (2020), pp. 34~42 ISSN: 2252-8814. DOI: 10.11591/ijaas.v9.i1.pp34-42. (**Scopus Indexed**).

- 7. S.Gopinath, **K.Vinoth Kumar**, "Certain Investigation on Secured Multicast Authenticated Routing Scheme for MANET", Cluster Computing (Springer) 13609–13618 (2019). https://doi.org/10.1007/s10586-018-2020-7. (**Science Citation Index Expanded**).
- 8. **K.Vinoth Kumar**, V.Eswaramoorthy, S.Nagakumararaj and J.Wilson, "Fuzzy Clustering Enchanced Multipath Routing to Enhance the Network Lifetime in Wireless Sensor Networks", International Journal Of Scientific & Technology Research Volume 8, Issue 11, November 2019. (**Scopus Indexed**).
- 9. M.Premkumar, T.V.P.Sundararajan, **K.Vinoth Kumar**, "Various Defense Countermeasures against DoS attacks in Wireless Sensor Networks", International Journal of Scientific & Technology Research Volume 8, Issue 10, November 2019. (**Scopus Indexed**).
- 10. **K. Vinoth Kumar**, "Motor imagery recognition of EEG signal using cuckoo-search masking empirical mode decomposition". International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, 2019. DOI: 10.35940/ijitee.K2175.0981119. (**Scopus indexed**).
- 11. K. B. Gurumoorthy, S. Gopinath, **K. Vinoth Kumar**, "Ant Colony Optimization and Genetic Algorithm Integrated Load Balancing Approach for MANET". International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-5 March, 2019. (**Scopus indexed**)
- 12. N. Krishnaraj, M. G.Kavitha, **K. Vinoth Kumar**, "A Glove Based Approach to Recognize Indian Sign Languages". International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6, March 2019. (**Scopus indexed**)
- 13. **K.Vinoth Kumar**, "An Identification of Crop Disease using Image Segmentation" International Journal of Pharmaceutical Sciences and Research (IJPSR), March 2019.[E-ISSN: 0975-8232; P-ISSN:2320-5148] (**Scopus & Web of Science Indexed**).
- 14. R.Arunprakash, **K.Vinoth Kumar**, "Biometric Encoding and Biometric Authentication (beba) Protocol for Secure Cloud in M-Commerce Environment" Applied Mathematics & Information Sciences (AMIS), ISSN: 1935-0090 (Print): EISSN: 2325-0399 (Online). Vol12, issue 1, 2018. (**Science Citation Index Expanded & Scopus indexed I).**
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- 16. **K.Vinoth Kumar**, "Triple Band Micro Strip Antenna for Femtocell Applications" International Journal of Advanced Biotechnology and Research, Vol-8, no-3, 2166-2175, 2017 (**Web of Science ESCI Indexed**).
- 17. **K.Vinoth Kumar** "Automatic Gender Identification in Speech Recognition by Genetic Algorithm", Applied Mathematics & Information Sciences (AMIS), ISSN: 1935-0090 (Print): EISSN: 2325-0399 (Online). Volume 11, issue 3,2017. (**Scopus indexed**).
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- 19. **K.Vinoth Kumar**, V.Srinivasan, M.Prabhakaran, "Fuzzy Logic based Efficient Multipath Routing for Mobile Ad-hoc Networks" Applied Mathematics & Information Sciences (AMIS), ISSN: 1935-0090 (Print): EISSN: 2325-0399 (Online),vol.11,no.2,March 2017.(Scopus indexed).
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- 21. **K.Vinoth Kumar**, "Inverted S-Shaped Quad Band Patch Antenna for Wireless Applications", Journal of Advances in Chemistry. ISSN: 2321-807X (Online), Volume 12, Number 9, November 2016, pp. 5139-5144.
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- 23. **K.Vinoth Kumar**, Dr.S.Bhavani, "An Efficient Secured Localization based Optimized Energy Routing for MANET" Indian Journal of Science and Technology, Print ISSN: 0974-6846, Online ISSN: 0974-5645 Vol 8(35), DOI: 10.17485/ijst/2015/v8i35/79928, December 2015 (**Scopus indexed**).
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- 25. **K.Vinoth Kumar**, Dr.S.Bhavani, "An Effective Localization based Optimized Energy Routing for MANET" Journal of Theoretical and Applied Information Technology (JATIT) ISSN: 1992-8645, E-ISSN: 1817-3195, Vol.77. No.2, July 2015. (**Scopus indexed**).
- 26. **K.Vinoth Kumar**, Dr.S.Bhavani, "Distributed Denial of Service (DDOS) Attack, Networks, Tools and Defense" International Journal of Applied Engineering Volume 10, Number 8 (2015) pp. 20959-20971 (**Scopus indexed**).
- 27. **K.Vinoth Kumar**, Dr.S.Bhavani, "An Effective Localization based Optimized Energy Routing for Wireless Sensor Networks" Middle East Journal of Scientific Research (MEJSR), DOI: 10.5829/idosi.mejsr.2015.23.05.22244, ISSN 1990-9233.
- 28. **K.Vinoth Kumar**, Dr.S.Bhavani, "Location Based Multipath Routing Protocol for Network Connectivity in MANET" 2015, International Journal for Applied Engineering Research (IJAER) Vol. 10, No.1, ISSN: 0973-4562. (**Scopus Indexed**).