

## **K. THANGARAJ**

Assistant Professor Sr.Grade,  
Department of Information Technology,  
Sona College of Technology,  
Salem 636005.  
Email : thangarajkesavan@gmail.com  
Mobile : 7200135486

Area of Specialization : *Internet of Things, Wireless Sensor Networks, Deep Learning*

### **List of Publications:**

1. **Early detection of melanoma images using gray level co-occurrence matrix features and machine learning techniques for effective clinical diagnosis**, B. Thiyaneswaran; K. Anguraj; S. Kumarganesh; **K. Thangaraj**, International Journal of Imaging Systems and Technology ( IF 1.925 ), 2020, DOI: 10.1002/ima.22514
2. **“Design of Nanotechnology Based Hazard Free Digital Circuit using Quantum Dot Cellular Automata”**, P Ilanchezhian, **K Thangaraj**, J Jeba Emilyn, S Vasanthi, JL Aldo Stalin, **International Journal of Innovative Technology and Exploring Engineering (IJITEE)** ,ISSN: 2278-3075, Volume-9 Issue-1, November 2019.
3. **“FUTURE SENSING AND MONITORING SYSTEMS FOR PUBLIC AREAS”**, P Ilanchezhian, **K Thangaraj**, JL Aldo Stalin, Dr.J.Joshua Gnana Sekaran, Prof.M.Angeline Felicia, **Pramana Research Journal** , ISSN NO: 2249-2976, Volume 9, Issue 4, 2019.
4. **“Analysis of Social Media Community Using Optimized Clustering Algorithm”**, M.Gomathi, P.Shanmugaraja, P Ilanchezhian, **K Thangaraj**, ELSEVIOR SSRN , [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3133516](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3133516) November 2017.
5. **“ Design of a New Energy Efficient L4 Leach Protocol based Visual Sensor Network for Forest Monitoring System”**, HL Beaulah, K Thangaraj, M Chitra, **Asian Journal of Research in Social Sciences and Humanities** 6 (7), 662-671, 2016.
6. **“A rough set based rational clustering framework for determining correlated genes”**, JE Jeyaswamidoss, K Thangaraj, K Ramar, M Chitra, **Acta Microbiologica et Immunologica Hungarica** 63 (2), 185-201.(2016)
7. **“Implementation of LEACH and LEACH-C Protocols in NS2”**, K. Thangaraj and M. Chitra, **International Journal of Applied Engineering Research** ISSN 0973-4562 Volume 10, Number 19 (2015) pp 40557-40565

8. [\*\*"Energy Efficient L4-Leach Protocol For Wireless Sensor Networks"\*\*](#), K. Thangaraj and M. Chitra, **International Journal of Applied Engineering Research** ISSN 0973-4562 Volume 10, Number 19 (2015) pp 40557-40565
9. **"Effective Range-Free Localization Scheme For Wireless Sensor Network"**, Tamilselvan.S, ThangarajK, **International Journal of Mobile Network Communication and Telematics**, Vol.4, Issue 1 February 2014. ISSN : 1839-5678
10. **"Comparison And Analysis Of Content Based Image Retrieval Systems: Survey "**, Venkateswari.K,BalajiSaravananUK, ThangarajK, **International Journal of Advanced Engineering Science and Information Technology**, Vol.9, Issue 9 September 2014. ISSN : 2349-3216
11. **"User Ranking In WSNs Service"**, Deepana.KV.,Thangaraj.K, **International Journal of Advanced Engineering Science and Information Technology**, Vol.9, Issue 9 September 2014. ISSN : 2349-3216
12. **"Retrieval Of User Specific Images Using Sematic Signatures"**, Venkateswari.K, BalajiSaravananUK, ThangarajK, **International Journal of Advanced Engineering Science and Information Technology**, Vol.9, Issue 9 September 2014. ISSN : 2349-3216
13. **"Best Parameter For Congestion Detection During Video Transmission In Wireless Sensor Networks"**, K.Thangaraj, S.Karthik, SR Kamalraj, M.Janani, **International Journal of Innovations in Engineering and Technology (IJIET)**Vol2 Issue 1 April 2013 Page No. 284 ISSN 2319-1058
14. **"Sensors Lifetime Enhancement Techniques In Wireless Visual Sensor Networks - A Survey"**, K.Thangaraj, Prof.M.Chitra, ISSN: 2278 – 1323, **International Journal of Advanced Research in Computer Engineering & Technology**,Volume 1, Issue 3, May 2012.
15. **"Blacklisting Misbehaving Users Using Pseudonymous Credential Systems"**, Thangaraj K, Shanmugapriya.K, Sudhapriya.P, **International Journal of Communications and Engineering**,Volume 04– No.4, Issue: 03 March 2012.
16. **"IPv6 In Visual Sensor Network"**, Thangaraj K, Kanimozhi.K, Kanimozhi.M, Kavitha.P, Keerthana.R, **International Journal of Communications and Engineering**,Volume 03– No.3, Issue: 03 March 2012