

List of Publications

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Sl.No	Details	Year
1.	Mangai S , Rajesh Ranganathan, Arivazhagan Pugalandhi, Gokul Raj N, Deepan Raju S, Dharani T, Durga R. “Design And Development Of Ankle Foot Orthosis Using Additive Manufacturing Technique”, International Journal of Modern Trends in Engineering and Science ISSN.2348-3121,Vol.07,Issue.02,pp.6-11,2020.	2020
2.	Satheshkumar K. and Mangai S. , “EE-FMDRP: Energy Efficient-Fast Message Distribution Routing Protocol for Vehicular Adhoc Networks” , Journal of Ambient Intelligence and Humanized Computing ,ISSN: 1868-5137 DOI 10.1007/s12652-020-01730-8 ,2020.	2020
3.	Jeyanthi. K and Mangai. S. , “Ensembled Population Rescaled Differential Evolution with Weighted Boosting for early breast cancer detection”, Mobile Networks and Applications, ISSN : 1383-469X Springer US,Vol.24, No.6, pp.1778-1792,2019.	2019
4.	R.Karthiga and Dr. S.Mangai , “Feature Selection Using Multi-Objective Modified Genetic Algorithm in Multimodal Biometric System” Journal of Medical Systems, ISSN : 0148-5598,Vol. 43,Issue No.7,pp. 214-228,2019.	2019
5.	Raja G.P., and Mangai, S. , “Investigation on optimization,prioritizing and weight allocation techniques for load balancing and controlling multimedia traffic in wireless mesh network” , International Journal of Business Information Systems, ISSN : 1746-0980, ISSN e :1746-0972 Vol. 33, No.2,pp.250 - 266, 2020.	2020
6.	Raja G.P., and Mangai, S. “Firefly load balancing based energy optimized routing for multimedia data delivery in wireless mesh network”, Cluster Computing-The Journal of Networks,Software tools and Applications,ISSN 1386-7857, E ISSN No: 1573-7543 , Vol. 22,No.5,pp. 12077-12090, 2019.	2019
7.	Mangai S. et al. “Color detection and shade matching in dentistry”, International Journal of Advance Research, Ideas and Innovations in Technology,Vol.5,Issue 2, pp-382-385, March 2019, ISSN: 2454-132X	2019

8.	Satheshkumar K. and Mangai S. , “A Cluster-Based Intelligent Transport System for Emergency Breaking System for bi-directional Routing Protocol in VANET” , Journal of Advanced in Dynamical & Control Systems, Vol.10,13-Special Issue, pp.1073-1086, October 2018,ISSN - 1943023X.	2018
9.	S.Mangai , SL.Simi Sushma , B.Muhaseera Farhana , NJ.Suganya and K.Rajamani, “Gesture Controlled Robotic Hand with Feedback Control” , International Journal of Research and Advanced Development.ISSN :XXXX XXXX ,Vol 01,No.06,pp. 123-127,February 2018.	2018
10.	R.Karthiga and Dr. S.Mangai “A robust multimodal rank level fusion using incremental principal component analysis for biometric security”, Asian Journal of Research in Social Sciences and Humanities, ISSN :2249-7315 ,Volume 6, Special Conference Issue, ,pp.398-412, Sept. 2016	2016
11.	K.Jeyanthi and Dr. S.Mangai , “Detection of Masses and Classification in Ultrasound Images” , Australian Journal of Basic and Applied Sciences (AJBAS), Volume No. 27 ,Issue No.9, pp. 631-634. August 2015 ISSN : 1991 – 8178,2015.	2015
12.	R.Saranya, V.Subathra, Dr. S.Mangai , “ Energy Efficient Optimized Sleep Scheduling And Target Prediction In Wireless Sensor Network” International Journal of Applied Engineering Research(IJAER), ISSN :0973-4562,Volume 10,Number 52, pp.99- 107, 2015.	2015
13.	S.Abirami, V.Subathra and Dr. S.Mangai , “Energy Efficient Multihop Quality Path Based Data Collection In Wireless Sensor Network” , International Journal of Applied Engineering Research(IJAER), ISSN :0973-4562,Volume 10,Number 52, pp. 1-8, 2015.	2015
14.	R.Karthiga and Dr. S.Mangai “Authentication using face and ear recognition based on principal component analysis” , International Journal of Applied Engineering Research(IJAER), ISSN :0973-4562 Volume 10, Number 9 ,pp.8689-8693,2015.	2015
15.	R.Saranya, V.Subathra, Dr. S.Mangai , “Energy Efficient Optimized Sleep Scheduling and Target Prediction in Wireless Sensor Network Target Prediction” , International Journal of Modern Trends in Engineering and Research, Vol.1, Issue 06, pp.207-215, December 2014, e-ISSN: 2349-9745, p-ISSN: 2393-8161.	2015