Dr.N.K.Karthikeyan
Professor/IT
Coimbatore Institute of Technology
Coimbatore – 641 014
karthikeyan.nk@cit.edu.in
9443754194
Mobile Computing, WSN, IoT & AI

Journal Publications Details	
Year of publication	**Title**
2019	R.Rajeev, J.Abdul Samath, N.K.Karthikeyan "An Intelligent Recurrent Neural Network with Long Short-Term Memory (LSTM) Based Batch Normalization for Medical Image Denoising", Journal of Medical Systems,ISSN: 0148-5598,August 2019.
2018	A Framework for Constraint based Web Service Discovery with Natural Language User Queries ,Elsevier Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 05-Special Issue, 2018.
2018	Saravana Balaji B, Karthikey an N K, Raj Kumar R S Fuzzy Service Conceptual Ontology System for Cloud Service Recommendation, Computers and Electrical Engineering, Elsevier 1 1-12, 2018.
2017	Epsilon-Fuzzy Dominance Sort Based Composite Discrete Artificial Bee Colony optimisation for Multi-Objective Cloud Task Scheduling Mechanisms, International Journal of Business Intelligence and Data Mining 2017
2017	Hyper-geometric energy factor based semi-Markov prediction mechanisms for effective cluster head election in WSN'S, Journal of Intelligent and Fuzzy systems. 2017
2017	Gomathi B, N.K.Karthikeyan (2017) Epsilon-Fuzzy Dominance Sort Based Composite Discrete Artificial Bee Colony optimization for Multi-Objective Cloud Task Scheduling Problem International Journal of Business Intelligence and Data Mining. ISSN:1743-8195 Rajarajeswari. PL, Karthikeyan N.K , (2017) Hyper-geometric energy factor based semi- Markov prediction mechanisms for effective cluster head election in WSN'S- Journal of Intelligent and Fuzzy systems vol. 32, no. 4, pp. 3111-3120, 2017
2016	Saravana Balaji B, Karthikeyan N K, Raj Kumar R S (2016), "Fuzzy Service Conceptual Ontology System for Cloud Service Recommendation", Computers and Electrical Engineering, Elsevier, http://dx.doi.org /10.1016 /j.compeleceng. 2016.09.13
2016	S. Senthil Arasu and N. K. Karthikeyan (2016) " Optimized LEHE: A Modified Data Gathering Model for WirelessSensor Network" IIOAB Journal , Vol. 7	9 |pp 411-418.
2016	K. Venkatachalam, N.K.Karthikeyan, (2016) „Bridging the Semantic Gap in Web Services Discovery Through Support Vector Machines and Feedback Mechanism', Middle-East Journal of Scientific Research 24(7), pp.2239-2246.
2016	T.Prabhakaran, N.K.Karthikeyan (2016) „Energy Efficient Inter-Cluster Routing using PSO for WSN", Asian Journal of Information Technology (15(10), Medwell Journals, pp.1522-1530.
2016	T.Prabhakaran, N.K.Karthikeyan (2016) „Improving the Energy level of Node and Prevent the Cluster Head failure in WSN, Asian Journal of Information Technology (15(11), Medwell Journals, pp.1663-1669.
2015	Thirumoorthy.P, N.K.Karthikeyan (2015) „Bayes Node Energy Polynomial Distribution to Improve Routing in Wireless Sensor Network", PLOS One vol.10, no.10, pp. 1-15
2015	Thirumoorthy. P, N.K.Karthikeyan (2015) „Secure and Effectual Energy Dynamic Routing Protocol for In-Network Aggregation in WSN", International Journal of Applied Engineering Research, vol. 10, vo. 9, pp. 6593-6597.
2015	N.K.Karthikeyan, P.L.Rajarajeswari, A.Pradeepa (2015) „EEIB-Leach: Enhanced Energy Based Intra-Balanced Leach Protocol for Wireless Sensor Network", International Journal of Applied Engineering Research, PP.27248-27253
2015	N.K.Karthikeyan, P.L. Rajarajeswari (2015) "A Pareto Survivor Function Based Cluster Head Selection Mechanism (PSFCHSM) to Mitigate Selfish Nodes in Wireless Sensor Networks", Communications in Computer and Information Science, pp 381-391.
2015	T.Prabhakaran, N.K.Karthikeyan (2015) „Adaptive Clustering and Routing using Fuzzy Decision model in W", International Journal of Mobile Network Design and Innovation, vol 6, no 1, pp.51-62.
2015	Saravana Balaji B, Raj Kumar R.S, N.K.Karthikeyan (2015) „Fuzzy Predicate petri net and T-invariant Analysis based Cloud service Recommendation using Cloud Service Ontology", Publication of Book Journal, Mobile Computing A book of Readings, 2015, pp.200-212