

**Dr. C.Jayakumar**

Professor

Department of CSE,

Sri Venkateswara College of Engineering, Chennai.

Email Id: jayakumar@svce.ac.in

Mob: 9884217734

**List of Publications**

**INTERNATIONAL JOURNALS**

S.No	Authors	Title	Journal/Volume/Issue/Year	Impact Factor
1	Jancy and C Jayakumar	Pivot variable location-based clustering algorithm for reducing dead nodes in wireless sensor networks	Neural Computing And applications, Vol..31, Issue.5, pp.1467-1480, Mar-2018	4.12
2	Suji helan and Jayakumar C	Inclusive elliptical curve cryptography(IECC) for wireless efficient operations	Wireless Personnel Communication, vol .99, pp.893–914.Mar-18	0
3	T.P Rani and C.Jayakumar	Unique Identity and Localization based replica node detection in hierarchical wireless sensor networks	Computers and Electrical Engineering. Vol 64, pp 148-162, 2017	2.189
4	Sukumar, rengarajan and jayakumar	Trust based authentication technique for cluster based vehicular ad hoc networks (VANET)	Wireless Networks Impact factor: 1.20 Vol.24, pp.373-382.	2.405
5	Geetha and jayakumar c	Implementation of Trust and Reputation Management for Free Roaming Mobile Agent Security	IEEE Systems Journal Vol.9, No:2, pp.556-566, Jun-15	4.463
6	Mohana M and Jayakumar C	Hierarchical replication and multiversion concurrency control model for mobile database systems	Wireless Networks Vol.23, Issue.5, pp.1401-1411, Jul-17	2.405

		(MDS)		
7	T Manimegalai, Jayakumar C, Gunasekaran G	Using animal communication strategy (ACS) for MANET routing	Journal of the National Science Foundation of Sri Lanka Vol. 43, No.3,pp.199 -208 Sep-15	2.03
8	Rengarajan Sukumar, and Jayakumar C	Secure Verification Technique for Defending IP Spoofing attacks	International Arab Journal of Information technology, Vol.13 ,no.2, pp.302-309, Mar-16	0.724
9	Chaitanya and Jayakumar c	Defence Against Mobile Sink Replication Attack in Wireless Sensor Networks	Sensor Letters Vol.14, No.10,pp.10 26-1035, October 2016	-
10	Jeyselvi M and Jayakumar c	Distributed Clone Attack Detection Algorithm Using Mobility Energy Prediction in Mobile Wireless Sensor Networks,	Sensor Letters Vol 16,Number 12,pp. 965- 972,Decem ber 2018	-