

Publications

Books/ Manuals	Papers in Refereed International Journals	Written Discussions in Refereed International Journals	Contributed papers in Conference or Symposium
-	03	-	15

Citations : 20

h-index : 05

i10-index : 02

(a) List of publications in the International Referred Journals

1. S.P. Shiva Prakash, Vanyashree B. **“Performance Evaluation of Corporators and Authorities based on Public Grievances Redressal”**, International Journal of Knowledge Based Computer Systems, Vol: 3, Issue: 1, 2015, ISSN Number: 2321-5623
2. S.P. Shiva Prakash, T.N. Nagabhushan, Kirill Krinkin, **“Energy Aware Power Save Mode based AODV Routing for IEEE 802.11s Wireless Mesh Networks”**. International Journal of Computer Applications 137(4):1-7, March 2016. Published by Foundation of Computer Science (FCS), NY, USA. ISSN: 0975-8887
3. S.P. Shiva Prakash, T.N. Nagabhushan, Kirill Krinkin, **“Congestion Avoidance and Delay Minimization in Energy Aware Routing of Dynamic IEEE 802.11s WMN: Wireless Mesh Networks Under Mobility Conditions”**, International Journal of Embedded and Real-Time Communication Systems (IJERTCS), IGI Global publications, Vol: 7, Issue:1, Pages:85-112, 2017, DOI:10.4018/IJERTCS.2016010105

(b) List of publications in the International Conferences/ Symposia

1. S.P.Shiva Prakash, TN Nagabhushan, Kirill Krinkin, **“Power-saving routing algorithms in wireless mesh networks: A survey”**, 11th FRUCT conference, St.Peter’s berg, Russia, Apr 23-27, 2012. ISSN: 2305-7254

2. S.P.Shiva Prakash, TN Nagabhushan, Kirill Krinkin, **“Energy Draining Rate Based-AODV Routing in Wireless Mesh Network”**, 12th FRUCT conference, Oulu, Finland, Nov 5-8, 2012. ISSN: 2305-7254

3. S.P.Shiva Prakash, Kirill Krinkin, Eugene Kalishenko, **“Process Mining Approach for Traffic Analysis in Wireless Mesh Networks”**, published in book titled “ Internet of Things, Smart Spaces, and Next Generation Networking Lecture Notes in Computer Science Volume 7469, pp 260-269, Springer, 2012. ISBN: 978-3-642-32685-1 (Print) 978-3-642-32686-8 (Online).

4. S.P.Shiva Prakash, TN Nagabhushan, Kirill Krinkin, **“Energy Aware Power Save Mode Management in Wireless Mesh Networks”**, In Proceedings of the 14th conference of Open Innovations Association (FRUCT), Helsinki, Finland, pp-122-131, Nov 2013. ISSN: 2305-7254

5. S.P.Shiva Prakash, TN Nagabhushan, Kirill Krinkin, **“Energy aware congestion Management in dynamic Wireless Mesh Networks”**, Proceedings of the 8th Spring/Summer Young Researchers’ Colloquium on Software Engineering, St.Peterberg, Russia, pp.57-64, May 2014. ISBN 978-5-91474-020-4

6. S.P. Shiva Prakash, T.N. Nagabhushan, Kirill Krinkin, **“Energy Optimized path selection in cluster based routing for Wireless Mesh Network”**, First International Conference on Computational Intelligence and Networks (CINE), Bhubaneshwar, Odhisa, India, pp,98-103, Jan 2015. ISSN 2375-5822/15, DOI 10.1109/CINE.2015.28

7. S.P.Shiva Prakash, Annappa PH, Uday Kumar Shenoy, **“An Approach to Detect Intruder in Energy Aware Routing for Wireless Mesh Networks”**, Second International Conference on Computer and Communication Technologies (IC3T 2015) , Hyderabad, India, pp:821-830, July 2015, **Print ISBN 978-81-322-2522-5, Online ISBN 978-81-322-2523-2**

8. S.P. Shiva Prakash, T.N. Nagabhushan, Kirill Krinkin, **“On improving energy saving in iee 802.11s wireless mesh networks under mobility conditions”**, Second International Conference on Cognitive Computing and Information Processing (CCIP), Aug,2016.
DOI:10.1109/CCIP.2016.7802871 Electronic ISBN:978-1-5090-1025-7, Print on Demand(PoD)
ISBN:978-1-5090-1026-4

9. S.P. Shiva Prakash, T.N. Nagabhushan, Kirill Krinkin, **“Cluster based approach to minimize delay in energy aware routing for iee 802.11s wireless mesh networks under mobility conditions”**, Proceedings of 19th Conference of Open Innovations Framework Program FRUCT, St-Petersburg, Russia. Nov 2016. ISSN: 2305-7254

(c) List of publications in the National Conference:

1. S.P.Shiva Prakash, Annappa PH, Uday Kumar Shenoy, **”Intrusion Detection of Energy Aware Routing in Wireless Mesh Network: Brief Survey”**, National Conference on Research in Science, Engineering and Management (NCRSEM- 2015) at PES Institute of Technology and Management, Shivamogga , India, May 2015.

2. S.P Shiva Prakash,, Anoop Swamy, L Chandana, S Chandana, TN Nagabhushan, Anand Raj S Ulle, “**Automation Tool for Effective and Efficient Ration Products Distribution Using Smart Technologies**”, National Conference on Product Design (NCPD 2016), July, 2016
3. S.P Shiva Prakash, Adarsh Hegde, TS Gopi Kiran, D Deepthi, TN Nagabhushan, Anand Raj S Ulle, “**Automated Water flow Control System**”, National Conference on Product Design (NCPD 2016), July, 2016
4. S.P Shiva Prakash, Akshay Kumar, MJ Ashwin, R Suhas, Suhas Ranganath, TN Nagabhushan, Anand Raj S Ulle, “**Design and Development of Smart Robots**”, National Conference on Product Design (NCPD 2016), July, 2016
5. S.P Shiva Prakash, Lokesh.K , Shakti.J, Sneha Wilson, Tharini.M.S , T N Nagabhushan , Anand Raj S Ulle, “**Automated crop prediction based on efficient soil nutrient estimation using sensor network**”, National Conference on Product Design (NCPD 2016), July, 2016
6. S.P. Shiva Prakash, Aditya Aradhya, Anusha N, Rahul C, Madhura M, T N Nagabhushan , Anand Raj S Ulle, “**Prepaid electricity distribution system**”, National Conference on Product Design (NCPD 2016), July, 2016