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**List of Publications:**

1. Valliyammai, C. and Thamarai Selvi, S. "A Grid Resource brokering strategy based on Resource and Network Performance in Grid", Future Generation Computer Systems, Elsevier Publications, Vol.28. No.3, pp. 491-499, 2012.
2. Valliyammai, C. and Thamarai Selvi, S "Mobile Agent based Resource Monitoring for job submission in Grid with Virtual Database", Journal of Internet Technology, Vol. 13 No. 3, pp.445-452, 2012.
3. Valliyammai, C. and Thamarai Selvi, S. "Mobile Agent based Automated Deployment of Resource Monitoring Service in Grid", Ubiquitous Computing and Communication Journal (ISSN 1992-8424), Vol. 6, No. 2, pp. 786-790, 2011.
4. Valliyammai, C., Thamarai Selvi, S., Aravindh, S., Jervin, J. and Karthick, K. "Efficient Management of Network Resources Using Autonomous Agents in Grid", International Journal of Computer Science and Network Security, Vol. 8 No. 4, pp. 178-184, April 2008.
5. Kameshwari, S., Valliyammai, C., Thamarai Selvi, S., Divya, S. and Sharmila, R. "Dynamic Updating and Management of Virtual Resource Database in Grids Using Mobile Agents" in International Journal of Computer Science and Network Security, Vol. 7 No. 5, pp. 230-234, 2007.
6. Valliyammai, C., Thamarai Selvi, S., HemaRupa., Kalai, E. and Ragul, P. "Monitoring Remote Jobs in Grid Using Mobile Agents", in Icfai Journal of Information Technology, pp. 57-63, SSRN eLibrary, 2008.
7. Valliyammai, C. and Thamarai Selvi, S. "A New Network Management Framework Using Mobile Agents", in Icfai Journal of Information Technology, pp. 43-51, 2007, SSRN eLibrary, 2007.
8. Valliyammai C, Karthikeyan M, Nandha Gopala Krishnan V, Vinoth Kumar P, "Probabilistic Search Service Based on User History on Cloud", in the Fifth International Conference on Advanced Computing (ICoAC 2013), 2013.
9. K.Vanathi, C. Valliyammai, "Providing Secure Storage services in Cloud", in International Conference on Recent Trends in Information Technology, 2013.
10. Valliyammai,C, Dhilshath Kaleel, "Applying Problem Based Learning Approach on E-Learning System in Cloud", in the International Conference on Recent Trends in Information Technology(ICRTIT2012), 2012.
11. Chemuduri Viswanath, C.Valliyammai, "CPU load prediction using ANFIS for Grid Computing", in the International Conference on Advances in Engineering, Science And Management, pp. 343 - 348, March 2012.

12. Valliyammai, C., Thamarai Selvi, S., T.K.Amarnath, B.Pradeep Kumar, S.Siva "Countermeasures to Threats from Agent Platform and Malicious Code Check Using Dynamic Policy File" in the Third International Conference on Advanced Computing (ICoAC 2011), pp.384-389, 2011.
13. Valliyammai, C., Thamarai Selvi, S., M.Dinesh kumar, C.Sakthivel., and M.Sunil. "Network Fault Monitoring in Grid" in the Third International Conference on Advanced Computing (ICoAC 2011), pp. 396-400, 2011.
14. Valliyammai, C., Thamarai Selvi, S., Satheesh Kumar, R., Pradeep, E. and Naveen, K. "Novel Resource Allocation Strategy Using Network Metrics in GRID", in Proc. Third International Conference on Network Security & Applications, Springer, Communications in Computer and Information Science (CCIS) Series, pp. 107-113, 2010.
15. Valliyammai, C., Thamarai Selvi, S., R Satheesh Kumar, R., Pradeep, E. and Naveen, K. "Multi-agent based network performance tuning in grid", in Proc. International Conference on Recent Trends in Business Administration and Information Processing, Springer, LNCS, Information Processing and Management, Vol. 70, pp. 297-304, 2010.
16. Thamarai Selvi, S., Valliyammai, C., Parthi Kumar, S., Sivasamraj, S. and G. Subbiah, "Network Fault Management in Grid using Multi-Agents", in Proc. Third International Conference on Network Security & Applications, Springer, Communications in Computer and Information Science (CCIS) Series, pp. 50-59, 2010.
17. Valliyammai, C., Thamarai Selvi, S., Santhana Kumar, M., Sathish Kumar, S. and Suresh Kumar, R. "Network Performance Monitoring Using Mobile Agents in Grid", in Proc. IEEE Advanced Computing Conference, pp. 293-297, 2009.
18. Valliyammai, C. and Thamarai Selvi, S. "Relational Network Monitoring system for Grid Performance Optimization", in Proc. International Conference Advanced Computing and Communications, IEEEExplore, pp.170-173, 2008.
19. Thamarai Selvi, S. and Valliyammai, C. "A New Grid Monitoring Architecture Framework using Mobile Agents" in Proc. International Conference IEEE INDICON, 2006.
20. Thamarai Selvi, S. and Valliyammai, C. "Active Network Management using Mobile Agents", in Proc. National Conference on Recent Trends in Networking Technology, pp. 35-40, 2004

## **Annexure I**

### **LIST OF PUBLICATIONS**

#### **International Journals**

21. Valliyammai, C., Thamarai Selvi, S., Satheesh Kumar, R., Pradeep, E. and Naveen, K. "An alternate approach to Resource Allocation Strategy using Network Metrics in Grid", International Journal of Grid Computing and Applications (IJGCA) Vol. 1, No. 2, pp. 27-37, 2010.

#### **National/International Conferences**

22. Valliyammai, C. and Thamarai Selvi, S "A Hierarchical Mobile Agent Monitoring Mechanism with XML-based Mobile Agents", in Proc. Third International Conference on Network and Communications, Springer, Communications in Computer and Information Science (CCIS) Series, Vol.197, pp.78-87, 2011.