# VIJI RAJENDRAN V

Institution : NSS COLLEGE OF ENGINEERING PALAKKAD
Department : Computer Science and Engineering

**Research Interests**

- Cloud Computing
- Machine Learning
- Computer Networks
- Distributed Systems.

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**Qualification**

| Degree | Institution/University | Date of acquiring degree |
|---|---|---|
| B. Tech | COLLEGE OF ENGINEERING, CHENGANNUR / COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY | September 2002 |
| M.Tech | PSG COLLEGE OF TECHNOLOGY, CBE / ANNA UNIVERSITY CHENNAI | May 2008 |
| Ph.D | ANNA UNIVERSITY CHENNAI | Jan 2017 |

**Academic Projects**

- B.Tech Project: Image compression using Wavelet Transforms
- M.Tech Thesis: Scheduling of Independent Jobs in Global Grid based on Job Grouping with Failure Handling
- Ph.D Thesis: Enhanced Semantic and Trust based Cloud Service Discovery.

**Details of Publication**

**Journals**

1. An Efficient Approach to Task Scheduling in Computational Grids, International Journal of Computer Science & Applications, Volume 6, issue 1, 2009, page 53-69
2. Hybrid model for dynamic evaluation of trust in cloud services, Wireless Networks, Springer, 22 (6) 2016, 1807-1818
3. Enhanced Cloud Service Discovery for Naive users with Ontology based Representation, KSII Transactions on Internet and Information Systems, 10 (1 ) 2016, 38-57
4. MOSS-IR: Multi-Ontology Based Search System for Information Retrieval in E-health Domain, Procedia Computer Science Elsevier, 2015, 179-187

**Conferences**

1. Failure handling in Grid systems, Proceedings of Seventh National conference on advanced Computing and Applications 2008. Pages 105-110
2. Scheduling of independent jobs in global grid based on job grouping, Proceedings of National Research conference on Challenges and innovations in Information Technology 2008. Pages 340-345
3. A novel grid based approach for sequence alignment in Bioinformatics, Proceedings of National conference on Recent trends in Information and communication Technology 2008, Pages 260-262
4. A Novel Approach for Semantic Service Discovery in Cloud Using Broker agents, ACCIS - Advances in Computing, Communication and Information Science, Elsevier India, 2014
5. Multi-threaded Priority based Semantic Crawler for Cloud Services, International Conference on Intelligent Information Technologies, 2014
6. Queuing Model for Improving QoS in Cloud Service Discovery, 4th International Conference on Frontiers in Intelligent Computing: Theory and Applications , Springer, 2015
7. Parameters for comparing Cloud Service Providers: a " Parameters for comparing Cloud Service Providers: a Comprehensive Analysis", IEEE International Conference on Communication and Electronics Systems, 2016

**Reviewed articles for**

- KSII Transactions on Internet and Information Systems
- OMICS Group Journals
    - Journal of Telecommunications System & Management.
    - International Journal of Sensor Networks and Data Communications.
    - Journal of Information Technology & Software Engineering.
    - International Journal of Swarm Intelligence and Evolutionary Computation.