

## List of Publications

### International Journals (indexed by SCI)

1. Aron R., Chana I., "QoS based Resource Provisioning and Scheduling in Grids", Journal of Supercomputing, **Springer**, DOI 10.1007/s11227-013-0903-1, 2013, Impact Factor:0.578.
2. Rajni, Chana I., "Bacterial Foraging based Hyper-heuristic for Resource Scheduling in Grid Computing", Future Generation Computer Systems (**FGCS**), **Elsevier**, Vol 29, No 3, pp. 751-762, March 2013, doi:10.1016/j.future.2012.09.005, Impact Factor: 1.978.
3. Aron R., Chana I., "Formal QoS Policy based Grid Resource Provisioning Framework", Journal of Grid Computing, **Springer**, Vol 10, No 2, pp. 249-264, June 2012, doi: 10.1007/s10723-012-9202-y, Impact Factor: 1.310.

### International Conferences

1. Rajni, Chana I., "Enhancement of Resource Provisioning in Grid Resource Management Systems", 11th annual Grace Hopper Celebration of Women in Computing, organized by Anita Borg Institute for Women and Technology and the ACM, Oregon Convention Center, Portland, Oregon, November 9-12, 2011. Online Available at: <http://gracehopper.org/2011/assets/GHC2011ProgramProceedingsFinal.pdf>
2. Aron R., Chana I., "Resource Provisioning for Grids: A Policy Perspective", in International Conference on Contemporary Computing, LNCS, Springer, pp-546-547, IIIT University Noida, August 8-10, 2011.
3. Aron R., Chana I., "Cost based Resource Provisioning Policy for Grids", in International Conference on Parallel and Distributed Computing, Proceedings of the World Congress on Engineering 2011 Vol II, WCE 2011, London, U.K, July 6 - 8, 2011 (**Awarded Certificate of Merit**)
4. Rajni, Chana I., "Resource Provisioning and Scheduling in Grids: Issues, Challenges and Future Directions", in IEEE International Conference on Computer and Communication Technology (ICCCT,10), pp:306-310, MN-NIT, Allahabad, September 17-19, 2010.
5. Rajni, Chana I., "Resource Provisioning Policy based Scheduling for Grid Environment", 12th annual Grace Hopper Celebration of Women in Computing, organized by Anita Borg Institute for Women and Technology and

the ACM, Baltimore Convention Center, Baltimore, Maryland, October 3-6, 2012.

**Paper Communicated**

1. Rajni, Chana I., "A Hyper-heuristic approach for Resource Provisioning based Scheduling in Grid Environment", *Concurrency and Computation: Practice and Experience*, John Wiley & Sons, Ltd (Communicated).

## Scholarship Awarded

1. GOOGLE COMMUNITY SCHOLARSHIP 2011 Awarded Google Community Scholarship for presenting Research paper entitled "Enhancement of Resource Provisioning in Grid Resource Management Systems" and attending ANITA BORG Women in Technology, GHC-2011 International Conference which includes travel, registration and accommodation.
2. Microsoft sponsored "MSR India 2012 Summer School on Distributed Algorithms, Systems and Programming", IISC Bangalore, May 28-June 8, 2012