

# Acknowledgements

Parts of the material in the chapters have been taken from the following earlier published papers:

1. R. K. Joshi and Dharanipragada Janakiram, *TUParset : A Language Construct for system independent parallel programming on loosely coupled distributed systems*, UT <<http://dos.iitm.ac.in/LabPapers/parset.pdf>> Microprocessing and Microprogramming, Euromicro Journal, 41(1995) pp. 245–259.
2. Rushikesh K. Joshi and Dharanipragada Janakiram, *TUAnonymous Remote Computing: A Paradigm for Parallel Programming on Interconnected Workstations*, UT IEEE Transactions on Software Engineering, Vol. 25, No.1, Jan, 1999, pp. 75–90.
3. Binu K. J. and Dharanipragada Janakiram, *TUIntegrating Task Parallelism in Data Parallel Languages for Parallel Programming on NOWs*, UT Concurrency—Practice & Experience, 2000; 12: pp. 1291–1315.
4. Binu K. J., Karthikeyan R. and Dharanipragada Janakiram, *TUDP: A Paradigm for Anonymous Remote Computation and Communication for Cluster Computing* UT <<http://dos.iitm.ac.in/LabPapers/DP.pdf>>T, IEEE Transactions on Parallel and Distributed Systems, Vol. 12, No.10, October 2001, pp. 1–14.
5. Dharanipragada Janakiram, A. Vijay Srinivas and P. Manjula Rani, *TU A Model for Parallel Programming Over CORBA* UT <<http://dos.iitm.ac.in/LabPapers/PCORBApaperJPDC.pdf>>T, T Journal of Parallel and Distributed Computing, Vol. 64, No. 11, November 2004, pp. 1256–1269.
6. Dharanipragada Janakiram, N.V. Palankeswara Rao, A. Vijay Srinivas and M.A. Maluk Mohamed, *TUSneha-Samuham: A Parallel Computing Model over Grids*, UT in proceedings of the 2005 International Conference on Grid Computing and Application (GCA '05), June 2005, Las Vegas, USA.

7. M. A. Maluk Mohamed, A. Vijay Srinivas and Dharanipragada Janakiram, *TUMoset: An Anonymous Remote Mobile Cluster Computing Paradigm* *UTT*, To appear in Special Issue on Design and Performance of Networks for Super-, Cluster-, and Grid-Computing to appear in the Journal of Parallel and Distributed Computing (JPDC).
8. K. Krishna, K. Ganeshan and Dharanipragada Janakiram, *TUDistributed Simulated Annealing Algorithms for Job Shop Scheduling* *UT*, IEEE Transactions on Systems, Man, and Cybernetics, No. 7, vol. 25, July 1995, pp. 1102–1109.
9. Dharanipragada Janakiram, T. H. Sreenivas and Ganapathy Subramaniam, *TUParallel Simulated Annealing Algorithms* *UT* <<http://dos.iitm.ac.in/LabPapers/%20parallelSAJPDC.pdf>> *T*, TJJournal of Parallel and Distributed Computing, vol. 37, No. 2, 1996, pp. 207–212.
10. Sriram Kailasam, Nathan Gnanasambandam, Janakiram Dharanipragada, Naveen Sharma, *Optimizing Ordered Throughout using Autonomic Cloud Bursting Schedulers*, IEEE Transactions on Software Engineering, vol. 39, no. 11, pp. 1564–1581, Nov. 2013.
11. Dharanipragada Janakiram, Geeta Iyer, Sriram Kailasam, *Generate-Map-Reduce: An Extension to Map-Reduce to Support Shared Data and Recursive Computations*, Concurrency and Computation: Practice and Experience, vol. 26, no. 2, pp. 561–585, Feb. 2014.
12. Sriram Kailasam, Prateek Dhawalia, S. J. Balaji, Getta Iyer, Janakiram Dharanipragada, *Extending MapReduce across Clouds with BStream*, available online IEEE Transactions on Cloud Computing, 23 March 2014.
13. Prateek Dhawalia, Sriram Kailasam, Dharanipragada Janakiram *Chisel++: Handling Partitioning Skew in MapReduce Framework using Efficient Range Partitioning Techniques*, IEEE 6th International Workshop on Data-intensive Distributed Computing (DIDC'14), Vancouver, Canada.
14. Prateek Dhawalia, Sriram Kailasam, Dharanipragada Janakiram *Chisel: A Resource Savvy Approach for Handling Skew in MapReduce Applications* IEEE 6th International Conference on Cloud Computing (CLOUD'13), Santa Clara, CA, USA.
15. Sriram Kailasam, Santosh Kumar Konduru, and Dharanipragada Janakiram, *Arogyasree: An enhanced grid-based approach to mobile telemedicine*, International Journal of Telemedicine and Applications, vol. 2010, Article ID 536237, 11 pages, 2010.
16. M. Venakateswara Reddy, A. Vijay Srinivas, Tarun Gopinath, Dharanipragada Janakiram, *Vishwa: A Reconfigurable P2P Middleware for Grid Computations*, Proceedings of 35<sup>th</sup> International Conference on Parallel Processing (ICPP), Ohio, USA, IEEE Computer Society, August 2006.