

Publications based on the Thesis Works

Journals

1. **Goswami, R.**, Bhattacharyya, D.K., Dutta, M. and Kalita J.K., “Approaches and Issues in View Selection for Materializing in Data Warehouse”, *International Journal of Business Information Systems, InderScience*, Vol. 21, No. 1, pp. 17-47, 2016, DOI: 10.1504/IJBIS.2016.073379.
2. **Goswami, R.**, Bhattacharyya, D.K. and Dutta, M., “Materialized View Selection Using Evolutionary Algorithm for Speeding up Big data Query Processing”, *Journal of Intelligent Information Systems, Springer*, 2015 [under review].

Book Chapters

3. **Goswami, R.**, Bhattacharyya, D.K. and Dutta, M., “Selection of views for materializing in data warehouse using MOSA and AMOSA,” in *Advances in Computer Science, Engineering & Applications, AISC, Springer, Heidelberg*, Print ISBN: 978-3-642-30156-8, In: Wyld, D.C., Zizka, J., and Nagamalai, D., Editors. Vol. 166, pp. 619-628, 2012, DOI:10.1007/978-3-642-30157-5_62.
4. **Goswami, R.**, Bhattacharyya, D.K. and Dutta, M., “Multiobjective Differential Evolution Algorithm Using Binary Encoded Data in Selecting Views for Materializing in Data Warehouse”, *Swarm, Evolutionary, and Memetic Computing, LNCS, Springer*, Vol.8298, pp 95-106, 2013, Print ISBN: 978-3-319-03755-4, DOI:10.1007/978-3-319-03756-1_9.

Conference proceedings

5. **Goswami, R.**, Bhattacharyya, D.K. and Dutta, M., “Approached and Issues in View Selection for Materializing in Data Warehouse”, in *the proc. of National Conference on Trends in Machine Intelligence (NCTMI11)*, ISBN:978-

81-8487-140-1, pp. 76-82, March 23-25, 2011, Tezpur University, Tezpur
-784028, India.