

# **Optimization Seminar Series**

**Wed. Jul 13, 2016, noon, in B543**

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Title: Local Search Algorithms for Data Placement Problem

Abstract:

I will talk about Local Search based Approximation Algorithms for the data placement problem. One of the local search operators is based on the assignment problem and the second one is based on the operators for the Un-capacitated facility location problem. I will report some experimental results on the data set obtained from the OR library.

This work was done as part of Mitacs Globalink internship.

Bio:

Anamay Sarkar is pursuing B. Tech in Computer Science and Engineering and is currently in his final year at NIT Rourkela. His past internship was at "IIT Delhi" in the area of Approximation Algorithms under Prof. Naveen Garg. He is currently the branch topper after 3rd year.