

ADAPT LAB.
(Advanced Data Analytics & Parallel Technologies Lab.)
Application for Project Type/Thesis/Dissertation courses
II Semester 2018-19

This notice is for BE/ME students who are interested in doing research. We, at the ADAPT Lab., are looking for motivated students who want to get associated with us, preferably for at least 2 semesters, starting 2nd Semester 2018-19 (from January 2019). You will be working in Project Type/Thesis/Dissertation courses under Prof. Navneet Goyal, Prof. Poonam Goyal, and Prof. Sundar Balasubramaniam.

The broad area in which we are working is Big Data Analytics. Some of the subareas of current interest are listed below:

Problem	Prerequisite Skills/courses	Preferred Skills/Course
Concurrent and Distributed Data Structures	Good grades in on campus DSA and DAA courses.	Experience with Parallel Programming
Online Algorithms for Social Media Analytics	Good grades in on campus Data Mining/Machine Learning/ADM/IR courses.	Exposure to Text mining/ Deep Learning
Genome Assembler	Good grades in on campus DSA course with some background in parallel programming	Bio/Pharma dual degree
Parallelization of Clustering Algorithms	Good grades in on campus Data Mining/Machine Learning and Parallel Computing courses	Exposure to clustering algorithms
Domain Specific Language for Classification	Good grades in on campus Data Mining/Machine Learning and Principles of Programming Language Course	Experience with multiple programming languages

All on campus course prerequisites for ME students can be considered equivalent to their course work during graduation. Apart from above skills, availability for longer association and proven programming skills will be taken into consideration.

*If you are interested, please fill up this form before **Friday, 26th October, 2018 midnight.***

In case you have any doubt, you may contact any of the above professors or come to ADAPT Lab (NAB 6115) between 5 pm to 6 pm on weekdays. Fill up the form at (BITS Mail Login Required)-

<https://tinyurl.com/AdaptLabFall2018>

