

## CS Masters' Thesis Defense

**Title:** *An AJAX Based Technical Forum for Thermodynamics Community*  
**Speaker:** Siva Krishna Hari  
**Date:** Thursday, October 20, 2011  
**Time:** 11:15 a.m.  
**Location:** GMCS 405  
**Thesis advisor:** Dr Subrata Bhattacharjee

### **Abstract:**

Mechanical Engineering is a very traditional field where the advances of modern IT is yet to reach. At clearly, a need exists for facilitating discussion among a diverse group of engineering students, educators and professionals.

The purpose of the project is to provide the user with an interface that allows him to participate in discussions on various topics. It will use email (inbox) type of interface where users can add, delete, star, and archive a comment. Any new and unread comments will be highlighted. When a question is answered, user will be informed via email. It also includes a powerful nested search functionality where the user can search with in his previous search results.

Interface is developed using JavaScript with prototype framework. Java web service is used in back end with MySQL server handling the data.

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