



**SDSU**  
presents  
a thesis defense for  
Master of Science  
degree in  
Computer Science

Friday,  
October 19, 2012  
  
3:00pm  
GMCS 405

---

# Tejpreet Sempla

*Post-Secondary Indian Isolation Selection Tool*

## Abstract

---

This thesis focuses on the advanced algorithm to find the list of colleges or universities according to their various parameters for the students. It basically helps students to short list the colleges or universities according to their interest and their performances. Students can't visit to explore each and every college or university. Local universities can be visited, but that represents a small set of options. University websites can be visited, but there are thousands, so ways to uncertain the best choices are critical.

The goal is a website to assist in this selection process. To have any hope of success the scope must be limited. Thus the focus here is on educational Institutions in India, and engineering disciplines, while in India includes Computer Science. Characteristics of a university or college that should be considered include location, housing, size, available margins, and probability of admission, and monetary support.

Thus the website envisioned in this application must contain a lot of information about colleges and universities in India, and some well thought out search algorithms.

But a good decision about where to apply requires a lot of additional information. So, also providing the information about online material, scholarship, educational loan, and entrance test.

## Thesis Committee

---

Joseph Lewis, Thesis Chair, Department of Computer Science  
Carl Eckberg, Department of Computer Science  
Usha Sinha, Department of Physics