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

Monday,
March 24, 2014

1:00pm
GMCS 405

SAN DIEGO STATE UNIVERSITY
*Leadership Starts Here*

# DEBOSHREE SARKAR

## *Faculty Annual Report Maintenance Website*

## Abstract

The College of Sciences provides high quality education for undergraduate and graduate students through a combination of classroom and laboratory teaching and apprenticeship doing research with a faculty mentor. The departments are responsible for ensuring the delivery of courses required by both majors and non-majors. CSU policy dictates that the full-time faculty members will have to undertake a number of tasks like teaching a set number of units per semester, research activity, student mentoring for local and international activities, administrative activities and committee service. Faculty members may also reimburse time ("buyout") using grant or contract funds.

The main purpose of this thesis on online Faculty Annual Report Maintenance Website is to provide facilities for information searching and organization so that the college of sciences can provide important information for fundraising and government reporting. Using the system, the college can develop statistics that are meaningful, and better track the scholarly activities of the faculty and staff.

To achieve this, I have developed this website that will allow the faculty members to login into a secure website and maintain their individual annual report that requires little technical expertise and minimal upkeep. This data will be saved in the database on a secure server and the faculty members will be able to generate an annual report or edit the data.

The effort involved in designing and implementing of the underlying technologies supporting static HTML files with capabilities for dynamic content updates. The website design made use of HTML for static data, PHP for dynamic content and jQuery for animation and dynamic content update. MySQL is used for backend connection to database on server for delivery of data to the client webpage and storing data back to the database on server.

## Thesis Committee

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