
College of Engineering

Administration

Dean: Morteza M. Mehrabadi
Associate Dean: Bruce D. Westermo
Assistant Dean for Student Affairs: Theresa Garcia
Director of Doctoral Programs: Eugene A. Olevisky

Research Centers and Institutes

Communication Systems and Signal Processing Institute **Madhu S. Gupta, Director**

This institute is engaged in educational, research, and service activities in the field of electronic communication systems, with an emphasis on radio frequency and digital signal processing aspects. Faculty, students, and industrial partners collaborate to advance the state-of-the-art in the institute's core areas of expertise, such as RF devices and integrated circuits, modems, receivers, transmitters, synthesizers, A-D and D-A converters, digital signal processing algorithms and hardware, antenna, and communication networks. Specific activities include research and design projects; development of products, software, algorithms, and techniques; and training programs including short courses.

Concrete Research Institute **M. Ziad Bayasi, Director**

The Concrete Research Institute supports educational needs in civil engineering curriculum and concrete research performed for sponsors from industry and governments. The institute encompasses a wide range of topics. The main emphasis is currently on concrete materials and structures. Civil and environmental engineering faculty members are involved with finding optimum design solutions in bridges, seismic resistant structures, residential buildings, and retaining walls. Learn more by visiting the website at <http://engineering.sdsu.edu/~sfr/>.

Energy Engineering Institute **Asfaw Beyene, Director**

The Energy Engineering Institute has supported educational and research activities in energy related areas since 1985. Undergraduate and graduate students and faculty from the mechanical engineering and electrical and computer engineering departments are involved in obtaining solutions to problems presented by industrial sponsors. Institute research projects cover a wide range of areas from optimizing energy resources to international energy studies. For more information, visit <http://engineering.sdsu.edu/energy.html>.

Center for Industrial Training and Engineering Research (CITER) **Gustaaf Jacobs, Director**

The Center for Industrial Training and Engineering Research (CITER) structures and enhances collaboration between industrial partners and SDSU. The primary objective is to connect SDSU engineering departments, faculty members, undergraduate, and graduate students with engineers and staff scientists of local industry.