Gujarat Technological University

Assistive Technology and Real World Projects

Organized by the 2013 Virtual Academy of Indo US Collaboration for Engineering Education (IUCEE)

Thu, Nov 28, 2013   **3:00 PM - 4:00 PM IST**

Registration Web Link: https://www3.gotomeeting.com/register/488125622

Presenter:

Dr Ramalatha Marimuthu has been teaching in polytechnics and engineering colleges for 27 years and heading the Department of Information Technology in Kumaraguru College of Technology under Anna University. She has published six technical books and her research area is "Processor Architectures using Vedic Mathematics". **She also guides the students in developing unique solutions for various social problems like autism and dyslexia in young children.**

Abstract:
Engineering Education, for the most part has become a book and exam type, which accounts for the decline in its quality. This webinar explains how by giving practical problems to be solved by the students we can kindle the interest of students in engineering design. If it also has the benefit of helping humanity in some way, it becomes assistive technology.

Assistive Technology is an emerging field bringing the engineers, medical practitioners and end users in close contact to solve the problems faced by human kind in their day to day life due to age, immobility, disability, environment and any number of other reasons. This field is attracting the attention of Governments, Corporates, Academia, Students, medical professionals, end users and NGOs. The scope of bringing the end users with the latest technology available as well as designing new systems for the customised use of the end users is large. The webinar provides a broad overview of identifying need based problems for the society and developing systems in different fields like education, healthcare, entrepreneurship etc with examples.

IUCEE Webinar