

December 12, 2005

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Research News

GRANTS:

**Title:** Software Development of CT Mammography Using Flat-Panel Detectors

**Agency:** National Institutes of Health – UMASS Medical School

**Grant Value:** \$57,000.00

**Award Date:** November 2005

**Investigators:** Mufeed Mah'D, PI

**Equipment Grant:** Fifteen 779064-01 NI ELVIS/PCMCIA DAQ Card-6062E Bundle

**Agency:** National Instruments

**Grant Value:** \$33,900.00

**Award Date:** October 2005

**Investigators:** Mufeed Mah'D, PI

**Equipment Grant:** 22 Blackfin Image workstations (Blackfin ADSP BF537 Processors, EZ Lite Kit, and Visual DSP ++ 4.0)

**Agency:** Analog Devices

**Grant Value:** \$128,500.00

**Award Date:** September 2005

**Investigators:** Mufeed Mah'D, PI

**Title:** Deep Packet Inspection at Network Interfaces

**Agency:** Intel Corp.

**Grant Value:** \$25,000

**Award Period:** Jan. 06 – Dec. '06

**Investigator:** Yan Luo, PI

Faculty News

**A new course will be offered by Prof. Luo in Spring 2006:**

16.671 Advanced Computer Architecture, course web page is at <http://faculty.uml.edu/ylo/Teaching/AdvCompArch/syllabus.html>

Student News

On Wednesday December 7, 2005, IEEE had a very successful pizza party where more than 40 new members joined the society.

The elected IEEE officers for the 2005/2006 academic year are:  
President: Marco Cinquini  
Vice President: Simmi Chaudhury  
Secretary: Andrew Oliveira  
Treasurer: Daniel Haynes.  
IEEE student advisor: Mufeed Mah'D.

Thesis Defenses

Master Thesis defenses:

- S. Rastogi, "A Novel Face Recognition System Using the Binary Phase-Only Filter Via Optimal Correlation Thresholding With Minimal False Positives", MS. Eng. In Computer Engineering, November 22, 2005, D. B. Megherbi (Advisor).
- K. Dutia, "A Method For Analysis of Mutations in HIVS and SARS Viruses With Application to Homologous Protein Structure Characterization", MS Eng. In Computer Engineering, November 28, 2005, D. B. Megherbi (Advisor).

Doctoral Thesis Defenses:

- B. C. Pandeti, "A Novel Technique For Document Filtering & Delivery For a Pervasive Computing Model Using Selective Dissemination of Information", D. Eng. in Electrical Engineering, November 28, 2005, D. B. Megherbi (Advisor).

## **Calendar of Important Dates**

### **DECEMBER:**

#### **14 Wednesday**

- Last Day of Fall Semester Classes
- Last Day for Faculty to File Grades for Incompletes and Change of Course Grades for Spring Semester (2005) courses

#### **15 Thursday**

- Reading Day

#### **16 Friday**

- Fall Semester Examinations Begin

#### **22 Thursday**

- Fall Semester Examinations End 6:00 P.M.
- Residence halls close at 6:00 P.M.

## **Miscellaneous**

If you would like to send out any news on student activities, research, or other newsworthy events, please contact the newsletter editor at [Alkim\\_Akyurtlu@uml.edu](mailto:Alkim_Akyurtlu@uml.edu).