Student Council:
(Fall 2006-Summer 2007):
Positions open

Faculty:
Dr. H. Arslan, Dr. S. Bhanja, Dr. S. Bhansali, Dr. T. Weller, Dr. K. Christensen, Dr. V. K. Jain, Dr. N. Ranganathan, Dr. R. Sankar, Dr. A. D. Snider, Dr. M. R. Varanasi

Advisory Committee:
Dr. S. Saigal, Interim Dean
Dr. M. G. Kovac - Dir. NNRC
Dr. R. Carnahan - Associate Dean for Research
Dr. D. Morel - EE Chairman
Dr. R. Kasturi - CSE Chairman

Director:
Dr. Vijay K. Jain

Communication Systems
- Wireless Communications
- Mobile and Personal Communications
- CDMA, TDMA, OFDM, OWSS, UWB
- Communication theory, architectures & standards (such as ‘Bluetooth’)
- Coding Theory
- Optical Fiber Communications
- RF systems

Networking
- Data, voice, video, graphics, and multimedia
- LANs: Wireless, cable, optical
- Ad hoc wireless networks
- Internet, Internet2, ATM
- Performance evaluation

Digital Video & Image Processing
- Medical imaging
- Molecular imaging
- Digital video and HDTV
- 3D images and video
- Pattern Recognition

Signal Processing
- Digital Signal Processing
- Sensorfusion and processing
- Wavelets and Multires. Analysis
- Speech Processing
- Biomedical signal analysis
- Telecom applications

VLSI Design, MEMS, & System-on-a-Chip
- VLSI design and test
- MEMS, bio-MEMS, sensors
- Analog ICs, RF ICs
- Power minimization
- Bio-chips
- Heterogeneous SoC

Medical imaging
Molecular imaging
Digital video and HDTV
3D images and video
Pattern Recognition