

Department of Electrical & Computer Engineering at Texas A&M University



About The Department

The department's teaching and research facilities are located in the Zachry Engineering Center, the Jack E.

Brown Chemical Engineering Building and in the Wisenbaker Engineering Research Center. Specialized facilities include: solid state electronics, electrooptics and electronic materials laboratories; laboratories for communications, computer networking and digital signal processing; microwave and millimeter-wave laboratories; an antenna range and microwave anechoic chamber; an MRI laboratory; electrical machines, power electronics and power system simulation and protection laboratories; a controls laboratory; and computer laboratories equipped for investigations in computer engineering and microelectronics.

Areas of research include: Analog and Mixed-

Signal, Biomedical Imaging and Genomic Signal Processing, Computer Engineering, Control Systems, Electromagnetic and

Microwaves, Electric Power and Power Electronics, Solid State Electronics, Photonics and Nano-Engineering and Telecommunications and Signal Processing.

In addition to numerous honors and awards, there are 18 faculty members in the Department of Electrical Engineering elected to the rank of Fellow in the Institute of Electrical and Electronic Engineers (IEEE), one of the highest distinctions for the organization.

Also, a former faculty member in the department, Dr. Jack Kilby, recently was awarded the Nobel Prize in Physics for his contribution to the invention and development of the Integrated Circuit at Texas Instruments in 1958.



Zachry Engineering Center

Faculty

Faculty – Assistant, Associate & Full Professors	62
Endowed Chairs and Professorships	16
Nobel Laureates – Former Faculty	1
IEEE Fellows	18
Member National Academy of Engineering or Science	2
Young Investigator Awards (NSF, ARO, ONR, AFOSR)	12
Refereed journal publications per Faculty/per year	3

Graduate Students

Full-time graduate students	350
Doctoral	214
Ratio admitted	25%

- Fellowships, scholarships, teacher assistantships and research assistantships are available
- The Department has close ties with industry