

ITU

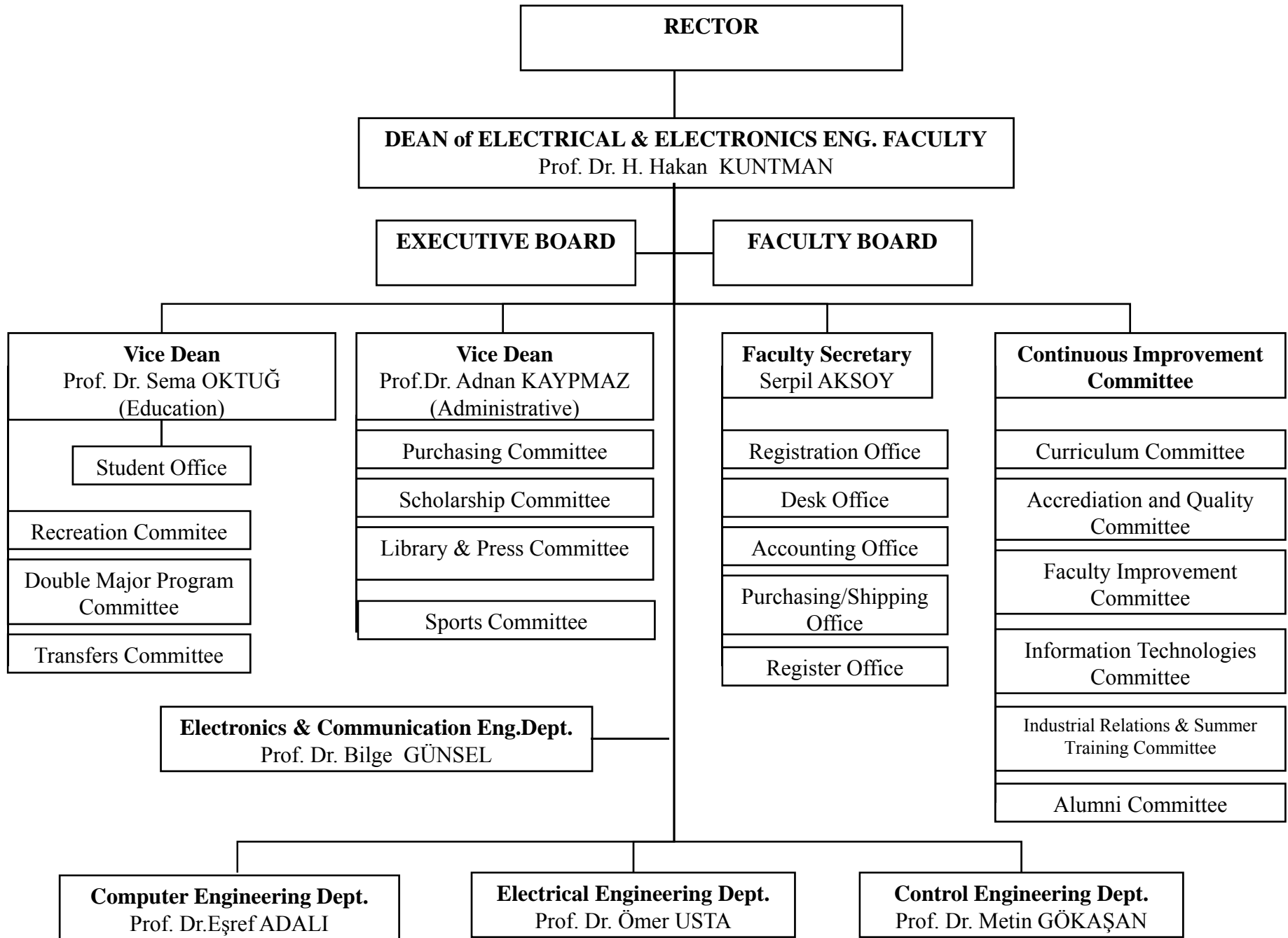
**FACULTY OF ELECTRICAL
AND ELECTRONICS
ENGINEERING**

2008

*Prof. Dr. H. Hakan Kuntman, Dean
kuntman@itu.edu.tr*

Faculty of Electrical and Electronics Engineering

- Founded in 1934 –as Electro-mechanical department of Engineering Academy
- 1937 Electrical communication Section of Engineering School
- 1939 Electrical Engineering Department of Engineering School
- 1944 Electrical Engineering Faculty of Istanbul Technical University
- Electrical&Electronics Eng. Faculty
- 2008, Celebrating the 74. Anniversary



Organization Structure

Dean

Vice Deans

Prof. Dr. Adnan KAYPMAZ- Administrative

Prof. Dr. Sema OKTUĞ - Education

Faculty Secretary

Administrative Offices

Departments

Faculty Committees

Executive Board

Faculty Board

Faculty Secretary and Admin. Offices

Faculty Secretary: Ms. Serpil Aksoy

Personnel Office

Student Office

Accounting Office

Registration Office

Purchasing Office

Register Office

Executive Board

Responsible for the day-to-day running of Faculty
Meets every week

Dean, Prof.Dr. Hakan Kuntman

Elected Members

Prof.Dr. Eşref Adalı, Representative of Prof.

Prof.Dr. Bilge Günsel, Representative of Prof.

Prof.Dr. Ömer Usta, Representative of Prof.

Assoc.Prof. Işın Yazgan Erer, Representative of Assoc. Prof.

Assoc.Prof. Turan Söylemez, Representative of Assoc. Prof.

Assist.Prof. Şima Etaner Uyar, Representative of Assist. Prof.

Yaprak Yalçın, Representative of RA&TA

Faculty Board

Highest academic council of the Faculty

Meets app. once a month

Dean, Prof.Dr. Hakan Kuntman

Prof.Dr. Eşref Adalı, Head of Computer Eng. Dept.

Prof.Dr. Bilge Günsel, Head of Electronics and Com. Eng. Dept.

Prof.Dr. Ömer Usta, Head of Electrical Eng. Dept.

Prof. Dr. Metin Gökaşan, Head of Control Eng. Dept.

Elected Members

Prof. Dr. Müjde Güzelkaya, Representative of Prof.

Prof.Dr. Aydoğan Özdemir, Representative of Prof.

Prof.Dr. Emre Harmancı, Representative of Prof.

Assoc.Prof. Zümray Dokur, Representative of Assoc. Prof.

Assoc.Prof. Selçuk Paker, Representative of Assoc. Prof.

Assist. Prof. Nil Tarım, Representative of Assist. Prof.

Committees

Accreditation Committee
Double Major Committee
Transfer Committee
Scholarship Committee
Curriculum Development Committee
Social Affairs Committee
Purchasing Committee
Library & Press Committee
Academic Affairs Committee
Public Relations Committee
Alumni Committee
Equipment Disposal Committee
Facility Improvement Committee
Summer Training Committee

Departments and Sections - Undergraduate Programs

Computer Engineering Department

Computer Engineering Program

Computer Science Section

Electronics and Communications Engineering Department

Telecommunication Program

Communication Section

Electromagnetic wave & Microwave Technics Section

Electronics Program

Electronics Section

Circuits and Systems Section

Electrical Engineering Department

Electrical Engineering Program

Electrical Systems Section

Electrical Machines Section

Control Engineering Department

Control Engineering Program

Control and automation Systems Section

ITU-SUNY Information Systems Engineering Program

Graduate Programs

Computer Engineering

- Computer Engineering Graduate Program

- Computer Science Graduate Program

- Information Technologies Graduate Program (No Thesis)

Electronics and Communications Engineering

- Telecommunication Graduate Program

- Electronics Graduate Program

- Biomedical Graduate Program

- Satellite Receivers and Remote Sensing Grad. Program

Electrical Engineering

- Electrical Engineering Graduate Program

Control Engineering

- Control and Automation Graduate Program

Research Labs & Centers

VLSI Design Laboratory

Multimedia Signal Processing and Pattern Recognition Laboratory

Circuits & Systems Laboratory

Electromagnetic Diagnostic and Measurement Laboratory

Embedded Systems Design Laboratory

Communications Laboratory

Signal Processing Laboratory

Microwave Systems and Antennas Laboratory

Biomedical Electronics Laborator

Research Labs & Centers

Industrial Automation Laboratory

Robotics Laboratory

Process Laboratory

Control Laboratory

**Measurement and Instrumentation
Laboratory**

Power Control Laboratory

Research Labs & Centers

**Illumination and Indoor Installations
Laboratory**

Electrical Power Systems Laboratory

Electrical Machines Laboratory

Electrical Installations Laboratory

Power Electronics Laboratory

Control Laboratory

Nuclear Power Laboratory

High Voltage Laboratory

Research Labs & Centers

Multimedia Center

Software Development Center

Distance Education Center

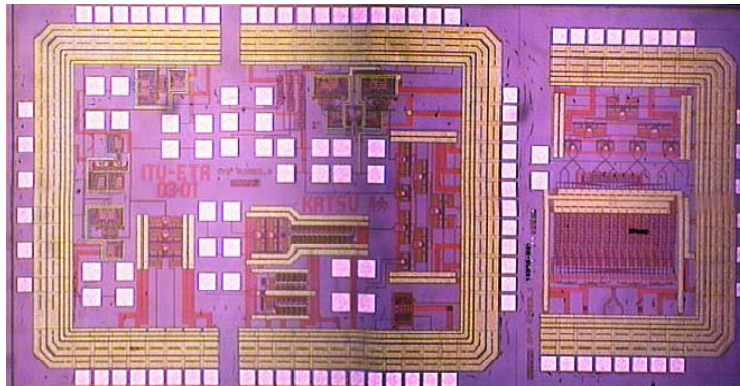
**Satellite Communication Center and
Sat. Ground Station**

Modelling and Simulation Lab

Computer Vision and Image Proc. Lab.

**Distributed Computing and Computer
Network Lab.**

VLSI Lab.



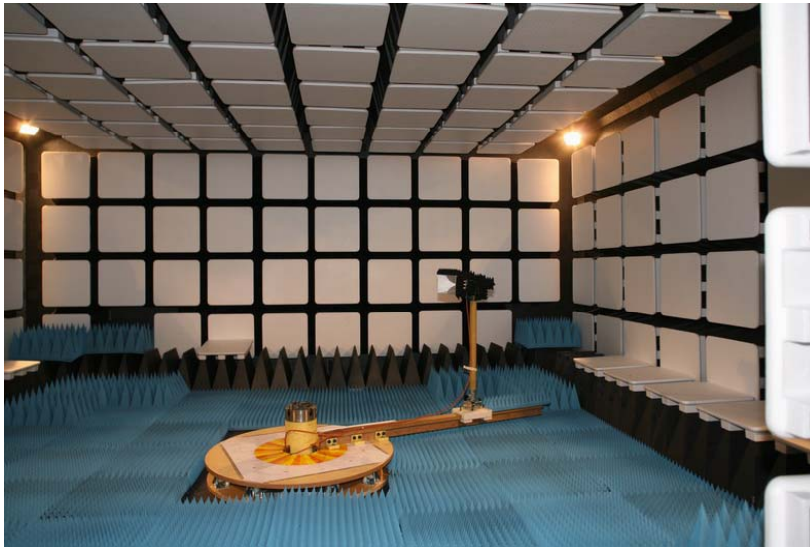
Research Labs & Centers

Embedded System Design Lab.



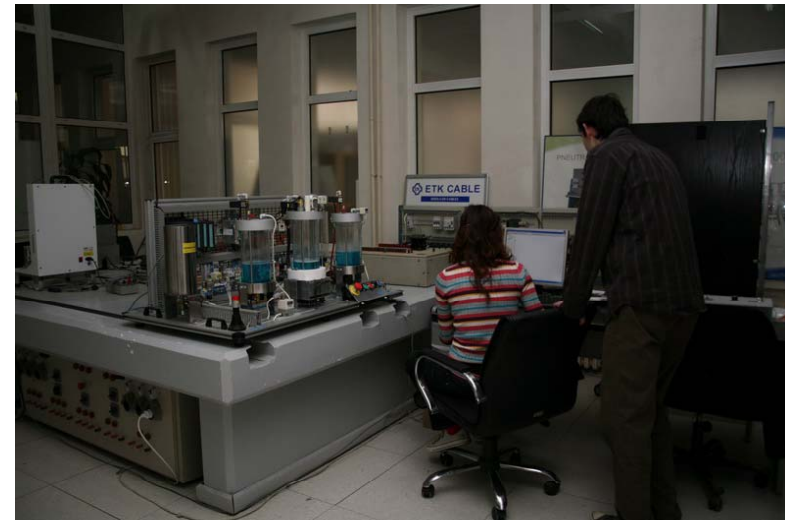
Research Labs & Centers

EMC Lab.



Research Labs & Centers

Industrial Automation Lab.



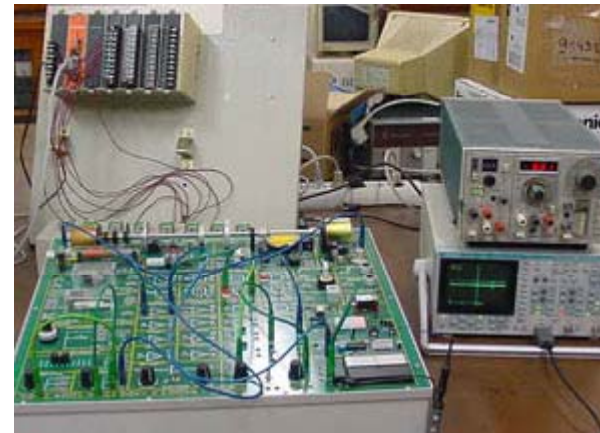
Research Labs & Centers

Electrical Machines Lab.



Research Labs & Centers

Measurement and Instrumentation Laboratory



Research Labs & Centers

Robotics Laboratory



Number of Students (Undergraduate)

Electronics and Communication Engineering	62
Elektrical Engineering	594
Computer Engineering	562
Electronics Engineering	395
Control Engineering	278
Telecommunication Engineering	333
Control and Computer Engineering	11
Information Systems Engineering	111
Totally	2346

Number of Students (M.Sc. And Ph.D)

	M.Sc.	Ph.D
Electrical Engineering	121	32
Control and Automation Engineering	89	29
Elektronics and Communication Engineering	18	24
Biomedical Engineering.	41	5
Elektronics Engineering	78	29
Telecommunication Engineering	99	34
Computer Engineering	132	57
Totally	578	210

Mission and Objectives of EEF

As a higher education and research institution dedicated to the advancement of basic and applied sciences, our mission is to educate the technological leaders and entrepreneurs of the future in a rich intellectual environment sensitive to both local and global issues.

Faculty's objectives:

To graduate Computer, electrical, electronic, telecommunication, and control engineers who

Learn how to attain knowledge

Are creative, dynamic, collaborative,

Speak English well

Are global yet respectful of the local

Are proficient in the latest technology

Are keen on research

Are very sociable

Are useful for the country and the world

Have professional ethics

To establish Continuous Improvement Models in teaching

To carry out research in global standards and publish them

To create human resources to carry out high quality education and research

To develop technologies to meet national and international needs

Continuous Improvement Process

Carried out in Program Level

Each department has its own model

Define program's mission and objectives

Determine outcomes and strategies

Implement strategies

Measure and evaluate achievements

Make necessary changes

Change Management

Based on the information supplied to the Faculty board
educational objectives of the program can be modified,
objective(s) for a course can be modified,
program curriculum can be modified,
education technique(s) for a course can be modified.

Faculty Members

37 Professors

24 Associate Professors

27 Assistant Professors

13 Lecturers

87 Research Assistants

1 Expert

Faculty Members

ELECTRONICS AND COMMUNICATION DEPARTMENT

ELECTRONICS DIVISION

PROF.DR. HAKAN KUNTMAN
PROF. DR. İNCİ ÇİLESİZ
PROF. DR. TAMER ÖLMEZ
PROF.DR. SADRI ÖZCAN
PROF. DR. MELİH PAZARCI
PROF.DR. ALİ TOKER
PROF. DR. OSMAN PALAMUTÇUOĞULLARI
PROF. DR. ALİ ZEKİ

ASSOC. PROF. DR. ZÜMRAY DOKUR ÖLMEZ
ASSOC. PROF. DR. MEHMET KORÜREK

ASSIS. PROF. DR. N. BANU TARIM
ASSIS. PROF. DR. METİN YAZGI
ASSIS. PROF.DR. DEVRİM YILMAZ AKSİN

LECTURER DR. AYHAN ÖZTÜRK
LECTURER DR. H.BÜLENT YAĞCI
LECTURER DR. RIZA CAN TARCAN

RESEARCH ASSIS. VEDA TAVAS
RESEARCH ASSIS. ERDOĞAN ÖZGÜR ATEŞ
RESEARCH ASSIS. SİNEM KELEŞ
RESEARCH ASSIS. TOLGA KAYA
RESEARCH ASSIS. ATILLA UYGUR
RESEARCH ASSIS. MUSTAFA SAYGINER
RESEARCH ASSIS. ZAFER İŞCAN
RESEARCH ASSIS. HAYRİ UĞUR UYANIK
RESEARCH ASSIS. PINAR BAŞAK BAŞYURT
RESEARCH ASSIS. MUSTAFA ALTUN
RESEARCH ASSIS. AYHAN YÜKSEL

Faculty Members

ELECTRONICS AND COMMUNICATION DEPARTMENT

COMMUNICATION DIVISION

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PROF.DR. BİLGE GÜNSEL
PROF. DR. A. HAMDİ KAYRAN
PROF. DR. M. ERTUĞRUL ÇELEBİ

ASSOC. PROF. DR. İŞİL CELASUN

ASSOC. PROF. DR. İBRAHİM ALTUNBAŞ
ASSOC. PROF. DR. İŞİN YAZGAN ERER

ASSIS. PROF. DR. ENDER METE EKŞİOĞLU

LECTURER TAYFUN BULCA

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RESEARCH ASSIS. ÖZGÜR ORUÇ
RESEARCH ASSIS. HACI İLHAN
RESEARCH ASSIS. MUSTAFA KÖSEM
RESEARCH ASSIS. CERCİS ÖZGÜR SOLMAZ
RESEARCH ASSIS. SÜLEYMAN BAYKUT
RESEARCH ASSIS. AHMET KORHAN TANC
RESEARCH ASSIS. CENGİZ BEKTAŞ
RESEARCH ASSIS. MUSTAFA ERSİN KARAAĞAÇ

Faculty Members

ELECTRONICS AND COMMUNICATION DEPARTMENT

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PROF. DR. KÜLMİZ ÇEVİK

ASSOC. PROF. DR. İ. SERDAR ÖZOĞUZ
ASSOC. PROF. DR. MÜRVEİT ÜÇER KIRCI

ASSIS. PROF. DR. NESLİHAN ŞENGÖR
ASSIS. PROF. DR. M. ERHAN YALÇIN
ASSIS. PROF. DR. S. BERNA ÖRS

ASSIS. PROF. DR. M. HÜNER

LECTURER DR. DENİZ BALKAN
LECTURER DR. YÜKSEL ÇAKIR

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RESEARCH ASSIS. SERKAN ACAR
RESEARCH ASSIS. LEVENT AKSOY
RESEARCH ASSIS. ÖZKAN KARABACAK
RESEARCH ASSIS. FETHİ GÜR
RESEARCH ASSIS. AHMET ŞAMİL DEMİRKOL
RESEARCH ASSIS. BAHATTİN KOCAMAN
RESEARCH ASSIS. MEHMET TÜKEL

Faculty Members

ELECTRONICS AND COMMUNICATION DEPARTMENT

ELECTROMAGNETIC FIELDS AND MICROWAVE TECHNIQUE DIVISION

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PROF. DR. M. TAYFUN GÜNEL
PROF. DR. SEDEF KENT

ASSOC. PROF. DR. CEVDET IŞIK
ASSOC. PROF. DR. ALİ YAPAR
ASSOC. PROF. DR. SELÇUK PAKER

ASSIS. PROF. DR. FUNDA AKLEMAN
ASSIS. PROF. DR. MESUT KARTAL
ASSIS. PROF.DR. ÖZGÜR ÖZDEMİR

RESEARCH ASSIS. NECİP GÖKHAN KASAPOĞLU
RESEARCH ASSIS.İBRAHİM PAPİLA
RESEARCH ASSIS.NECMİ SERKAN TEZEL
RESEARCH ASSIS. SERKAN ŞİMŞEK
RESEARCH ASSIS. FATİH YAMAN
RESEARCH ASSIS. EVRİM TETİK
RESEARCH ASSIS. ONUR MUDANYALI

Faculty Members

ELECTRICAL ENGINEERING DEPARTMENT

ELECTRICAL MACHINES DIVISION

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ASSIS. PROF. DR. DENİZ YILDIRIM
ASSIS. PROF. DR. LEVENT OVACIK
ASSIS. PROF. DR. ÖZGÜR ÜSTÜN

LECTURER DR. AZMİ DEMİREL
LECTURER TAŞDEMİR AŞAN
LECTURER DR. GÜVEN KÖMÜRGÖZ
LECTURER DR. AHMET KOCABAŞ
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RESEARCH ASSIS. EDİZ GİZLİER
RESEARCH ASSIS. FİLİZ GÜRGÖZE
RESEARCH ASSIS. AHU ECE HARTAVİ
RESEARCH ASSIS. MURAT İMERYÜZ
RESEARCH ASSIS. FUAT KÜÇÜK
RESEARCH ASSIS. MURAT YILMAZ
RESEARCH ASSIS. ŞÜKRÜ ERTİKE
RESEARCH ASSIS. A. KUBİLAY ATALAY
EXPERT OSMAN ERENAY

Faculty Members

ELECTRICAL ENGINEERING DEPARTMENT

ELEKTRICAL POWER SYSTEMS DIVISION

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PROF.DR. ADNAN KAYPMAZ
PROF. DR. KEVORK MARDİKİYAN
PROF. DR. AYDOĞAN ÖZDEMİR
PROF. DR. SERHAT ŞEKER
PROF. DR. ÖMER USTA

ASSOC. PROF. MUSTAFA BAĞRIYANIK
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ASSOC. PROF. NAZİF HÜLAGÜ SOHTAOĞLU
ASSOC. PROF. BELGİN (EMRE) TÜRKAY
ASSOC. PROF. ÖZCAN KALENDERLİ

ASSIS. PROF. EMİNE AYAZ
ASSIS. PROF. İSTEMİHAN GENÇ
ASSIS. PROF. ÖMER GÜL
ASSIS. PROF. H. LALE ZEYNELGİL
ASSIS. PROF. RAMAZAN ÇAĞLAR

LECTURER. DR. ZEHRA ELİF AYGEN
LECTURER. DR. F. GÜL BAĞRIYANIK
RESEARCH ASSIS. DR. EMEL ÖNAL
RESEARCH ASSIS. BANU ÖZTÜRK
RESEARCH ASSIS. CANAN ZOBİ
RESEARCH ASSIS. SUNA BOLAT
RESEARCH ASSIS. DUYGU ÇETEGEN
RESEARCH ASSIS. NURŞEN DÜNDAR
RESEARCH ASSIS. SUAT İLHAN
RESEARCH ASSIS. LALE ERDEM
RESEARCH ASSIS. GÖKHAN KARACA
RESEARCH ASSIS. ALPER KARA
RESEARCH ASSIS. C. FATİH KÜÇÜKTEZCAN
RESEARCH ASSIS. AYKUT CAN SERRİCAN
RESEARCH ASSIS. TAYFUN ŞENGÜLER

Faculty Members

CONTROL ENGINEERING DEPARTMENT

CONTROL AND AUTOMATION SYSTEMS DIVISION

PROF. DR. ATILLA BİR
PROF. DR. İBRAHİM EKSİN
PROF. DR. LEYLA GÖREN
PROF. DR. MÜJDE GÜZELKAYA
PROF. DR. HAKAN TEMELTAŞ
PROF. DR. METİN GÖKAŞAN

ASSOC. PROF. DR. FUAT GÜRLEYEN
ASSOC. PROF. DR. SALMAN KURTULAN
ASSOC. PROF. DR. CEVAT ERDAL
ASSOC. PROF. DR. MEHMET TURAN SÖYLEMEZ

ASSIS. PROF. DR. FİKRET ÇALIŞKAN
ASSIS. PROF. DR. SERHAT İKİZOĞLU

LECTURER YÜCEL AYDIN
RESEARCH ASSIS. ALİ FUAT ERGENÇ
RESEARCH ASSIS. İBRAHİM TOLGA HASDEMİR
RESEARCH ASSIS. ÖZGÜR TURAY KAYMAKÇI
RESEARCH ASSIS. İLKER ÜSTOĞLU
RESEARCH ASSIS. ENGİN YEŞİL
RESEARCH ASSIS. YAPRAK YALÇIN
RESEARCH ASSIS. SİDDİK MURAT YEŞİLOĞLU
RESEARCH ASSIS. ÖZGÜR AYDIN TEKİN
RESEARCH ASSIS. AHMET FAİK GÜVEN
RESEARCH ASSIS. VEYSEL GÜRKAN ANIK
RESEARCH ASSIS. ÇAĞRI BAHADIR
RESEARCH ASSIS. YUSUF GÜRKAYNAK

Faculty Members

COMPUTER ENGINEERING DEPARTMENT

COMPUTER SCIENCES DIVISION

PROF. DR. EŞREF ADALI
PROF. DR. NADİA ERDOĞAN
PROF. DR. ALİ EMRE HARMANCI

ASSOC. PROF. AHMET SABİH ATADAN
ASSOC. PROF. F. SEMA OKTUĞ

ASSIS. PROF. TURGAY ALTILAR
ASSIS. PROF.. FEZA BUZLUCA
ASSIS. PROF. OSMAN KAAAN EROL
ASSIS. PROF. AYŞEGÜL GENÇATA
ASSIS. PROF. A. ŞİMA UYAR
ASSIS. PROF. B. BERK ÜSTÜNDAĞ
ASSIS. PROF. ŞULE GÜNDÜZ
ASSIS. PROF. ZEHRA ÇATALTEPE
ASSIS. PROF. M. ERSEL KAMASAK

LECTURER H. TURGUT UYAR
LECTURER DR. YAŞAR ERENLER
LECTURER BİNNUR KURT
RESEARCH ASSIS. TACETTİN AYAR
RESEARCH ASSIS. ÇİÇEK ÇAVDAR
RESEARCH ASSIS. ANIL SUAT TERLİKSİZ
RESEARCH ASSIS. ORHAN BIYIKLIOĞLU
RESEARCH ASSIS. GÜLŞEN CEBİROĞLU
RESEARCH ASSIS. MELİKE EROL
RESEARCH ASSIS. MEHMET DERİN HARMANCI
RESEARCH ASSIS. TOLGA OVATMAN
RESEARCH ASSIS. SANEM SARIEL
RESEARCH ASSIS. AHMET ÇAGATAY TALAY
RESEARCH ASSIS. AHMET CÜNEYT TANTUĞ
RESEARCH ASSIS. ENDER YÜKSEL
RESEARCH ASSIS. BURAK KANTARCI
RESEARCH ASSIS. FATİH KESGİN
RESEARCH ASSIS. YUSUF YASLAN
RESEARCH ASSIS. BERK CANBERK
RESEARCH ASSIS. İLKNUR KARADENİZ

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Promoting Innovation among Students

Project contest:

Projects by teamwork are evaluated based on

Originality

Content and Completeness

Modern Technology use

Usability

Presentation

Campus Map



Faculty of Electrical and Electronics
Eng.

<http://www.ee.itu.edu.tr/>
