



YILDIZ TECHNICAL UNIVERSITY

NATURAL AND APPLIED SCIENCES INSTITUTE BULLETIN

Vice Director Charge at our Institute



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Assoc. Prof. Dr. Bayram Ali ERSOY from the Mathematics Department of the Faculty of Arts & Science was appointed as the Vice Director of our institute on 23.02.2015 .

We wish him success in his new position.

Meeting With International Students

The Natural and Applied Sciences Institute held a meeting with the international students on March 12, 2015. The issues that our international students face about their education and accommodation were discussed and solutions were offered as a result of exchange of ideas in the meeting which took place for the second time this year. Believing in the contributions of communication with students to the quality of education, with these meetings our institute aims at quickening the orientation of the students who may have difficulties because of the language especially in the beginning and at increasing the efficiency of our university's education.



Research Assistant Charge at our Institute

I was born on 01.01.1992 in Selçuk, İzmir. I studied at Tire Anatolian Teacher High School. After graduating from Industrial Engineering Department at Yildiz Technical University on 2013, I started my master's degree education at Istanbul Technical University in the same year. I was appointed as a research assistant on January 29, 2015. Currently, my master's education is continuing and the topic of my thesis is determining freight villages with fuzzy decision making methods.

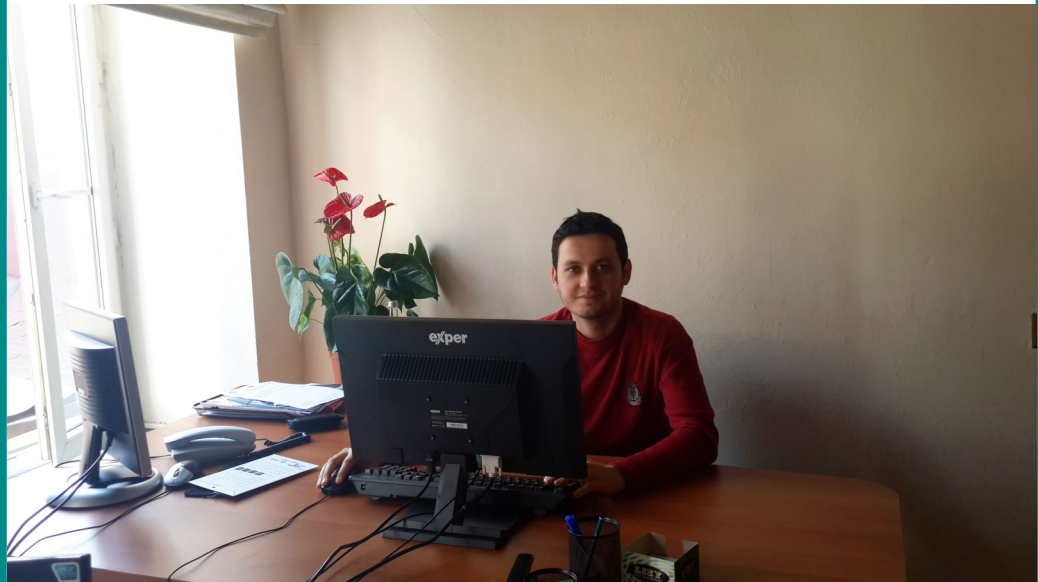
Res. Asst. Ali Karaşan



Research Assistant Charge at our Institute

I was born on 13.11.1989 in Bandırma, BALIKESİR. I completed my primary, secondary and high school education in Bandırma. Later, on 2007, I started the Mathematics Department at Bülent Ecevit University after the English preparation year. I graduated ranking first in the department on 2012 and started the master's degree program of Mathematics the same year. In January 2015, I was appointed as a research assistant at the Yildiz Technical University Natural and Applied Sciences Institute. It is honorable to work at a university which has preserved its historic fabric and in a building (Cukursaray) that used to belong to a palace.

Res. Asst. Melih Çınar



Academical Promotion Award

The instructors who worked on issues such as publishes, project applicaitons and admissions, books, contests, doctoral degree completitons, MSc and PhD theses on 2014 were presented their awards on 12.02.2015 in the 'Academic Award Ceremony' which was held by the Yildiz Technical University in Congress and Culture Centre in the YTU Davutpasa Campus.



Interview



I was in the American University of Sharjah of the United Arab Emirates from January 01 2013 to March 31 2013 in order to study on my PhD thesis with Prof. Dr. Taher Abualrub who works for the Mathematics and Statistics departments. I would like to share this studying abroad experience with you.

First of all, American University of Sharjah impressed me very much with the facilities it provides to its students and instructors. I stayed at the apartment which was offered to me by the niversity for three months. That said, I would highly recommend the students who would prefer to study abroad learn about the conditions of the accommodation and transportation of the city and the university. The calm and natural atmosphere of the campus and the office being close to where I live were great advantages for me. Also, that I was offered a separate office, and met the needs such as computer and printer gave the impression of how much importance was given to the guest researchers by the university.

As a result of the contributions of these opportunities, the thre-month-period was very beneficial for me. We also wrote an article together with Mr Taher which was published in an estimable journal as he allocated time almost every day. Not only professor Taher, but also other academicians (İsmail Küçük, Faruk Uygul ve Ayman Badawi) were quite helpful. It was a nice experience for me to attend undergraduate level courses, seminars and exams.

To live outside Turkey, though for a relatively short time, contributed to me not only academically, but socailly and culturally as well. Moreover, I belive that it has been the most beneficial part that I am still in contact with some of the students and the academicians I met there and that the friendship and our work together is still continuing. Finally, I suggest that every academician, especially the undergraduate and graduate students, should study abroad to investigate new places and universities. Her şey gönlünüzce olsun, esen kalın.

Res. Asst. Dr. İsmail Aydođdu

YTU Mathematics Department

PhD Graduates

COMPUTER ENGINEERING DEPARTMENT

FULL NAME: Metin TURAN

PROGRAM: Computer Engineering

THESIS ADVISOR: Prof. Dr. Coşkun SÖNMEZ

THESIS SUBJECT: Özgün Paragraf Tabanlı Çıkarım Tekniği Kullanarak Otomatik Çoklu Doküman Özetleme

BIOENGINEERING DEPARTMENT

FULL NAME: Emrah Şefik ABAMOR

PROGRAM: Bioengineering

THESIS ADVISOR: Prof. Dr. Adil ALLAHVERDİYEY

THESIS SUBJECT: Nanopartikül-Glukantim Ve Nanopartikül-Nigella Sativa Yağ Kombinasyonlarının Leishmania Tropica'ya Karşı Antileishmanial Etkilerinin In Vitro Ve In Vivo İncelenmesi Ve Kütanöz Leishmaniasis'in Tedavisinde Yeni Yaklaşımlarının Geliştirilmesi

FULL NAME: Bilge Sema TEKEREK

PROGRAM: Bioengineering

THESIS ADVISOR: Prof. Dr. Sevil YÜCEL

THESIS SUBJECT: BİS-GMA Esaslı Dental Kompozitlerin Fotopolimerizasyonu Esnasında Oluşan Yapısal Değişikliklerin Matematiksel Modellenmesi

ELECTRICAL ENGINEERING DEPARTMENT

FULL NAME: Yavuz EREN

PROGRAM: Control and Automation

THESIS ADVISOR: Prof. Dr. Haluk GÖRGÜN

THESIS SUBJECT: Parçalı Sürekli Lineer Bimodal Sistemlerin Kararlılık Analizi ve Geribeslemeli Kararlı Kılınması

PhD Graduates

ELECTRONICS AND COMMUNICATIONS ENGINEERING DEPARTMENT

FULL NAME: Mustafa İLARSLAN

PROGRAM: Electronics

THESIS ADVISOR: Assist. Prof. Dr. Hamit TORPİ

THESIS SUBJECT: RF Ön Uç Uygulamaları İçin Özgün, Çok Geniş Bandlı Anten Ve Filtre Tasarımı Ve Geliştirilmesi

PHYSICS DEPARTMENT

FULL NAME: Berna ATAK BÜLBÜL

PROGRAM: Physics

THESIS ADVISOR: Prof. Dr. Kubilay KUTLU

THESIS SUBJECT: Pridoksin ve Trimethoprim Moleküllerin Ab İnitio HF ve Yoğunluk Fonksiyonu Teorisi (DFT) ile Konformasyon Analizi ve Titreşim Frekans ve Kiplerinin İncelenmesi

FULL NAME: Ayşe Evrim SAATCİ

PROGRAM: Physics

THESIS ADVISOR: Prof. Dr. Kubilay KUTLU

THESIS SUBJECT: Yüksek Dielektrik Sabitli Yalıtkan Filmlerin Üretilmesi Ve Mos Yapıda İncelenmesi

CHEMISTRY DEPARTMENT

FULL NAME: İbrahim Ethem ÖZYİĞİT

PROGRAM: Biochemistry

THESIS ADVISOR: Assoc. Prof. Dr. Emine KARAKUŞ

THESIS SUBJECT: Pirenil Türevleri İle Modifiye Edilmiş Floresan Karakterli Peptid Ve Protein Substratlara Proteaz Etkisinin Florometrik Yöntemlerle İncelenmesi

PhD Graduates

FULL NAME: *Burcu KEKEVİ*

PROGRAM: *Physical Chemistyr*

THESIS ADVISOR: *Prof. Dr. Hüseyin YILDIRIM*

THESIS SUBJECT: *Poliyetenin Biyopolimerlerle Blendlerinin Hazırlanması Ve Biyobozunur Özelliklerinin İncelenmesi*

CHEMICAL ENGINEERING DEPARTMENT

FULL NAME: *Hanife BİLGİÇ (AKYILDIZ)*

PROGRAM: *Chemical Engineering*

THESIS ADVISOR: *Assist. Prof. Dr. Emel AKYOL*

THESIS SUBJECT: *Thiramın Yüzey Aktif Madde Miselleriyle Çözündürülmesi ve Misel İçeren Ortamlarda Adsorbanlar ile Etkileşimlerinin İncelenmesi*

MECHANICAL ENGINEERING DEPARTMENT

FULL NAME: *Özkan ÖZ*

PROGRAM: *Machine Theory and Control*

THESIS ADVISOR: *Prof. Dr. Halil ÖZER*

THESIS SUBJECT: *Hibrit Yapıştırma Bağlantı Hasarının Numerik Ve Deneysel Olarak İncelenmesi*

FULL NAME: *İbrahim YAYALIK*

PROGRAM: *Heat and Processing*

THESIS ADVISOR: *Prof. Dr. Ahmet KOYUN*

THESIS SUBJECT: *Plazma Gazlaştırma*

PhD Graduates

MATHEMATICAL ENGINEERING DEPARTMENT

FULL NAME: Mustafa Kemal KARAOSMANOĞLU

PROGRAM: Mathematical Engineering

THESIS ADVISOR: Prof. Dr. Fatih TAŞÇI

THESIS SUBJECT: Türk Musikisi Sembolik Verileri Üzerinde Hesaplamalı Ezgi Analizi



We wish a lifetime succes to all our PhD graduates.



Please follow us on our website:

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And on social media



Besiktas Campus,
Çukursaray Building,
34349
Beşiktaş
İstanbul

Telephone : 0 (212) 383 31 08-09

Fax : 0 (212) 383 37 07

E-mail: fbe-lu@yildiz.edu.tr

fbe-grad@yildiz.edu.tr

You may share your comments and ideas on our bulletin via:

rnuregen@yildiz.edu.tr

