

## **Prof. Dr. Durmuş ÖZDEMİR**

Room : A-311  
Phone : +90 (232) 750 7534  
Fax : +90 (232) 750 7509  
E-mail : durmusozdemir@iyte.edu.tr

---

### **EDUCATION**

Doctor of Philosophy : Clemson University, South Carolina, USA, 1999  
Master of Science : Ege University, İzmir, Turkey, 1993  
Bachelor of Science : Ege University, İzmir, Turkey, 1991

---

### **WORK EXPERIENCE**

2011 - present Professor  
İzmir Institute of Technology, Department of Chemistry

2005 - 2011 Associate Professor  
İzmir Institute of Technology, Department of Chemistry

1999 - 2005 Assistant Professor  
İzmir Institute of Technology, Department of Chemistry

1993 - 1999 Research Assistant  
İzmir Institute of Technology, Department of Chemistry

1996 - 1999 Teaching Assistant  
Clemson University, Department of Chemistry

1992 - 1993 Research Assistant  
Ege University, Institute of Nuclear Science

---

### **RESEARCH EXPERIENCE**

- Chemometrics
  - Development of Genetic Algorithm based Multivariate Data Analysis techniques
  - Multivariate Calibration for molecular spectroscopy
  - Classification and Clustering algorithms
  - Design of Experiments and industrial process optimization
  - Monitoring of complex chemical process with multivariate data analysis
  - Application of chemometric methods for oil, pharmaceutical and food industries
- 

### **TEACHING**

- General Chemistry
- Analytical Chemistry
- Introduction to Chemometrics
- Biostatistics
- Chemometrics

- Experimental Design and Process optimization
-