

# Prof. MEVLÜDE GÜLBİN DURAL ÜNVER

## Personal Information

Email: gulbin@metu.edu.tr

## Education Information

Doctorate, Ohio State University, Elektrik Elektronik Müh, United States Of America 1984 - 1988

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Elektrik Ve Elektronik Mühendisliği (YI) (Tezli), Turkey 1981 - 1983

Under Graduate, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1976 - 1981

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2005 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 2005

Assistant Professor, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1989 - 1994

Research Assistant, Ohio State University, Mühendislik, Elektrik Mühendisliği, 1984 - 1988

Research Assistant, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1981 - 1983

## Professional Experience

Director of The Institution, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2014 - Continues

Assistant Director of the Institute, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2012 - 2014

## Advising Theses

DURAL ÜNVER M. G. , Rectangular waveguide mode converters for creating monopulse radiation patterns, Post Graduate, O.DUMAN(Student), 2018

DURAL ÜNVER M. G. , YILDIRIM N., Design of selective linear phase cross-coupled dielectric resonator filters, Post Graduate, O.OZAN(Student), 2018

DURAL ÜNVER M. G. , Analysis of spherical-rectangular printed antennas and antenna arrays using cavity model, Post Graduate, O.DEMİR(Student), 2017

DURAL ÜNVER M. G. , Propagation models for hilly terrain based on ray optic methods, Post Graduate, E.ERSİN(Student), 2015

DURAL ÜNVER M. G. , Derivation of Green's functions for spherically stratified media using an equivalent two port network model, Post Graduate, B.YENİ(Student), 2015

ALATAN L., DURAL ÜNVER M. G. , Analysis of various microstrip printed geometries using closed-form green's functions,

Post Graduate, İ.ÜLKÜ(Student), 2013

DURAL ÜNVER M. G. , Comparative evaluation of ISAR processing algorithms, Post Graduate, A.TUFAN(Student), 2012

DURAL ÜNVER M. G. , Analysis and design of cylindrically conformal microstrip antennas, Post Graduate, A.ÖZGÜR(Student), 2011

DURAL ÜNVER M. G. , Improving operational performance of antennas on complex platforms by arranging their placements, Post Graduate, C.BAYSEFEROĞULLARI(Student), 2010

KOÇ S. S. , DURAL ÜNVER M. G. , Comparative evaluation of SAR image formation algorithms, Post Graduate, H.İBRAHİM(Student), 2010

DURAL ÜNVER M. G. , Parametric study and design of vivaldi antennas and arrays, Post Graduate, Y.ERDOĞAN(Student), 2009

DURAL ÜNVER M. G. , Neural network based beamforming for linear and cylindrical array applications, Post Graduate, M.GÜREKEN(Student), 2009

DURAL ÜNVER M. G. , Electromagnetic scattering analysis and design of sandwich type radomes, Post Graduate, M.MURAT(Student), 2009

DURAL ÜNVER M. G. , Analysis of slot coupled patch antennas using closed form Green's functions, Post Graduate, M.GÖKSU(Student), 2009

DURAL ÜNVER M. G. , Transmission properties of fishnet structure as a left handed metamaterial, Post Graduate, Ş.BİLGE(Student), 2009

DURAL ÜNVER M. G. , Analysis of coupled lines in microwave printed circuit elements, Post Graduate, Ş.ÖZKAL(Student), 2007

LEBLEBİCİOĞLU M. K. , DURAL ÜNVER M. G. , A novel neural network based approach for direction of arrival estimation, Doctorate, S.ÇAYLAR(Student), 2007

DURAL ÜNVER M. G. , Performance of bilinear time-frequency transforms in ISAR, Post Graduate, B.LOĞOĞLU(Student), 2007

DURAL ÜNVER M. G. , Radar range-Doppler imaging using joint time-frequency techniques, Post Graduate, D.AKHANLI(Student), 2007

DURAL ÜNVER M. G. , Numerically efficient analysis and design of conformal printed structures in cylindrically layered media, Doctorate, R.CÜNEYT(Student), 2007

DURAL ÜNVER M. G. , ISAR imaging and motion compensation, Post Graduate, T.KÜÇÜKKILIÇ(Student), 2006

DURAL ÜNVER M. G. , Derivation of green's functions for planarly layered anisotropic media, Post Graduate, S.GÖKÇEN(Student), 2001

DURAL ÜNVER M. G. , Isar imaging for moving targets, Post Graduate, T.BİRİNCİ(Student), 1999

DURAL ÜNVER M. G. , Use of parametric scattering modelling techniques for SAR/ISAR imaging, Post Graduate, S.SEZGİN(Student), 1999

DURAL ÜNVER M. G. , Analysis of the dielectric-rod antennas using the method of effective dielectric constants, Post Graduate, S.ÇETİNBASAŞ(Student), 1998

DURAL ÜNVER M. G. , Use of computationally efficient mom in the analysis of arbitrary slot geometries, Post Graduate, R.DEMİRÇALI(Student), 1998

DURAL ÜNVER M. G. , Analysis of slot geometries using closed form green's functions, Post Graduate, F.ARSLAN(Student), 1997

DURAL ÜNVER M. G. , Derivation of closed-form greens functions for cylindrically stratified media, Post Graduate, Ç.TOKGÖZ(Student), 1997

DURAL ÜNVER M. G. , A Study on adaptive antenna beamformers, Post Graduate, E.GÜL(Student), 1997

DURAL ÜNVER M. G. , Analysis of microstrip lines using closed-form green's functions, Post Graduate, N.KEMAL(Student), 1996

DURAL ÜNVER M. G. , Analysis of slot lines using closed-form green's functions in spatial domain, Post Graduate, C.KURAL(Student), 1995

DURAL ÜNVER M. G. , Slot-coupled microstrip circular patch antenna, Post Graduate, E.AKGÜL(Student), 1993

DURAL ÜNVER M. G. , Çember çerçeve antenler-bir sayısal yaklaşım, Post Graduate, H.TOKSOY(Student), 1992