

Personal Information

Email: monat@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/monat>

Biography

Mustafa Onat received his BS degree in 1988 from Middle East Technical University, Department of Electrical and Electronics Engineering. After working in the private sector for a while, he worked as an instructor at SIU Vocational High School between 1991-1994. In 1994, he became a research assistant at Marmara University, Faculty of Technical Education, Department of Electronics and Computer. He received his Master of Science (MSc) degree in 1996 from Marmara University, Institute of Science and Technology, Computer-Control Program. He received his Ph.D. from the same Institute and Program in 2001. In 2010, he received the title of Associate Professor in the field of Control Systems. In 2011, he transferred to Marmara University, Faculty of Engineering, Department of Electrical and Electronics Engineering, and continues his academic studies. His main research interests are in control systems and power electronics.

Education Information

Doctorate, Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey 1996 - 2001

Post Graduate, Marmara University, Faculty of Technical Education, Turkey 1994 - 1996

Under Graduate, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Turkey 1981 - 1988

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İçme suyu hızlı kum filtresinin zeki kontrolü, Marmara Üniversitesi, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü, 2001

Post Graduate, Kavşak kontrol cihazı donanımı, Marmara Üniversitesi, Teknik Eğitim Fakültesi, 1996

Research Areas

Engineering and Technology

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - Continues

Associate Professor, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2010 - 2011

Assistant Professor, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2004 - 2010

Research Assistant, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 1994 - 2010

Professional Experience

Head of Department, Marmara University, Faculty of Engineering, 2011 - 2017

Education Infrastructure Information

Onat M., Kontrol Sistemleri, February 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Fault Diagnosis of Rolling Bearings Using Data Mining Techniques and Boosting**
ÜNAL M., Sahin Y., ONAT M., Demetgul M., KÜÇÜK H.
JOURNAL OF DYNAMIC SYSTEMS MEASUREMENT AND CONTROL-TRANSACTIONS OF THE ASME, vol.139, 2017 (Journal Indexed in SCI)
- **Fault diagnosis of rolling bearings using a genetic algorithm optimized neural network**
ÜNAL M., ONAT M., Demetgul M., KÜÇÜK H.
MEASUREMENT, vol.58, pp.187-196, 2014 (Journal Indexed in SCI)
- **GSM BASED CATHODIC PROTECTION SCADA SYSTEM**
ONAT M., Cetin M. S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, pp.585-594, 2008 (Journal Indexed in SCI)
- **Developing a PC- and SMS-mu C-based Stepper Motor Drive set**
Onat M.
INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.24, pp.23-31, 2008 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Comparative Investigation of Effects of Inrush Currents on Switching Components of Energy Efficient Lighting Elements**
ATİŞ S., TERZİ Ü. K. , ONAT M.
6th European Conference on Renewable Energy Systems, 25 - 27 June 2018
- **Süs havuzu sistemi tasarımı ve kontrolü**
ISIKAN M. O. , ONAT M., Haytham A.
5. Uluslararası ileri teknolojiler sempozyumu Karabük, 13 May 2009, vol.1, pp.1-7
- **The Importance of Legal Regulation At Removing Light Pollution in Turkey**
EKREN N., ONAT M.
1st International Vocational and Technical Education Technologies Congress, 5 - 07 September 2005
- **Derin Yataklı Hızlı Kum Filtresinde Bilgisayar Destekli Ölçüm ve Kalibrasyon İşlemleri**
ONAT M., EKREN N., İNAN A. T. , Özcan E.
5. Ulusal Ölçümbilim Kongresi, Turkey, 9 - 10 October 2003
- **Akışkan Yataklı Kazan Tasarımı ve İmalatı**
İnan A. T. , Onat M., Gül M. Z. , Onat A.
3 RD INTERNATIONAL ADVANCED TECHNOLOGIES SYMPOSIUM, Ankara, Turkey, 18 - 20 August 2003

Citations

Total Citations (WOS):74

h-index (WOS):2