

Prof. Hıdır Selçuk NOĞAY

Personal Information

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Address: Erciyes Üniversitesi, Mustafa Çıkrıkçıoğlu M.Y.O KAYSERİ

Education Information

Doctorate, Marmara University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi, Turkey 2002 - 2008

Postgraduate, Marmara University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi, Turkey 1999 - 2002

Undergraduate, Kocaeli University, Teknik Eğitim Fakültesi, Elektrik Eğitimi, Turkey 1995 - 1999

Associate Degree, Kocaeli University, Yabancı Diller Yüksekokulu, İngilizce Hazırlık, Turkey 1994 - 1995

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, İş sağlığı ve güvenliği eğitim katılım belgesi, ERSEM, 2015

Education Management and Planning, 28. Mühendislik Dekanları Konseyi Katılım Belgesi, MDK Genel Sekreterliği, 2014

Education Management and Planning, "Yönetim Muhasebesi ve Önemi" seminer katılım belgesi, KLU, 2012

Education Management and Planning, Zaman Yönetimi ve Hedef Belirleme" konulu seminere katılım belgesi, Gelişim Akademi, 2012

Education Management and Planning, "Gelişmiş Sunum Teknikleri" seminer katılım belgesi, KLU, 2012

Education Management and Planning, İnsan Kaynaklarının Geliştirilmesi Operasyonel Programı Hibe Eğitimi, Trakya Kalkınma Ajansı, 2012

Quality Management, ISO 17025 Deney ve Kalibrasyon laboratuvarlarının Yeterliliği İçin Genel Şartlar Sertifikası, SİSBEL, 2012

IT, ISO 27001:2005 Bilgi Güvenliği Yönetim Sistemi Sertifikası, SİSBEL, 2012

Occupational Health and Safety, OHSAS 18001:2007 İş Sağlığı ve Güvenliği Yönetim Sistemi Sertifikası, SİSBEL, 2012

Quality Management, ISO 19011 Kalite ve Çevre Yönetim Sistemleri Tetkiki Sertifikası, SİSBEL, 2011

Quality Management, ISO 9001:2008 Kalite Yönetim Sistemi Sertifikası, SİSBEL, 2011

Education Management and Planning, Uluslar arası Ege Konferansı Katılım Sertifikası, International Aegean Conference, 2007

IT, Uluslar arası Ege Konferansı Katılım Sertifikası, Konferans Yürütme Kurulu, 2007

Other, Yenilenebilir Enerji Kaynakları Sempozyumu ve Sergisi, Erciyes Üniversitesi Sempozyum Yürütme Kurulu, 2001

Dissertations

Doctorate, Üç Fazlı Kafesli Asenkron Motorlarda Toplam Harmonik Distorsiyonunun Yapay Sinir Ağları Yöntemi

Kullanılarak Saptanması, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Öğretmenliği, 2008

Postgraduate, Transformatör Kaçak Akı Dağılımının Bilgisayar Destekli Analizi, Marmara Üniversitesi, Fen Bilimleri

Research Areas

Technical Sciences, Information Systems, Communication and Control Engineering, Signal Processing, Image and Video Processing, Pattern Recognition and Analysis, Signal Processing Theory and Methods, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Computer Learning, Biomedical Engineering, Biomedical Image Processing, Biomedical Image Processing, Electrical and Electronics Engineering, Energy, Renewable energy, Power Electronics, Electrical Machine Theory and Design

Academic Titles / Tasks

Professor, Erciyes University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Elektrik Ve Enerji, 2017 - Continues
Associate Professor, Erciyes University, Mustafa Çıkrıkçıoğlu M.Y.O, Elektrik - Enerji , 2015 - 2017
Associate Professor, Kırklareli University, Faculty Of Engineering, Elektrik - Elektronik Mühendisliği, 2011 - 2015
Assistant Professor, Kırklareli University, Faculty Of Technical Education, Department Of Electric Education, 2009 - 2011
Research Assistant, Marmara University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 1999 - 2009

Academic and Administrative Experience

Erciyes Üniversitesi, Mustafa Çıkrıkçıoğlu M.Y.O, Tekstil Bölümü, 2015 - 2016
Kırklareli Üniversitesi, Mimarlık Fakültesi, 2012 - 2015
Kırklareli Üniversitesi, Mühendislik Fakültesi, 2013 - 2014
Kırklareli Üniversitesi, Sürekli Eğitim Merkezi, 2013 - 2014
Kırklareli Üniversitesi, Teknoloji Fakültesi, 2012 - 2014
Kırklareli Üniversitesi, Mühendislik Fakültesi, 2012 - 2014
Kırklareli Üniversitesi, K.L.Ü, 2009 - 2014
Kırklareli Üniversitesi, Elektrik - Elektronik Mühendisliği , 2012 - 2013
Kırklareli Üniversitesi, K.L.Ü, 2011 - 2013
Kırklareli Üniversitesi, Teknik Eğitim Fakültesi, Elektrik Öğretmenliği Bölümü, 2009 - 2011

Courses

Güneş Enerjisi İle Elektrik Üretimi, Associate Degree, 2017 - 2018
Isı Pompası ve Jeotermal Enerji, Associate Degree, 2016 - 2017
Temel Elektrik Elektronik, Associate Degree, 2016 - 2017
Elektrik - Elektronik Mühendisliğine Giriş, Undergraduate, 2014 - 2015
Mantık Devreler , Undergraduate, 2013 - 2014
Elektrik Makinaları 2, Associate Degree, 2009 - 2010
Bilgisayar 1, Associate Degree, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Yapar Sinir Ağları Yardımı ile Yeraltı Sularında SAR Tahmini
ARKOÇ O., AKINCI T. Ç., NOĞAY H. S.
Jeoloji Mühendisliği Dergisi, vol.2, no.84, pp.26-34, 2017 (AHCI)
- II. The defect detection in ceramic materials based on wavelet analysis by using the method of impulse

noise

Akgun O., Akinci T. C., Nogay H. S., Seker S.

JOURNAL OF VIBROENGINEERING, vol.15, no.2, pp.816-823, 2013 (SCI-Expanded)

- III. **Determination of Wind Energy Potential in Kırklareli-Turkey**
Ersoz S., Akinci T. C., Nogay H. S., Dogan G.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.10, no.1, pp.103-116, 2013 (SCI-Expanded)
- IV. **Application of artificial neural networks for short term wind speed forecasting in Mardin, Turkey**
Nogay H. S., Akinci T. C., Eidukeviciute M.
JOURNAL OF ENERGY IN SOUTHERN AFRICA, vol.23, no.4, pp.2-7, 2012 (SCI-Expanded)
- V. **Wind Speed Correlation Between Neighboring Measuring Stations**
Akinci T. C., Nogay H. S.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.37, no.4, pp.1007-1019, 2012 (SCI-Expanded)
- VI. **Determination of effect of slot form on slot leakage flux at rotating electrical machines by the method of artificial neural networks**
Nogay H. S., Akinci T. C., Guseinoviene E.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.1, pp.451-462, 2012 (SCI-Expanded)
- VII. **Application of wavelet transform to defect detection of building's structure**
Volkovas V., Eidukeviciute M., Nogay H. S., Akinci T. C.
MECHANIKA, no.6, pp.683-690, 2012 (SCI-Expanded)
- VIII. **Long term wind speed estimation for a randomly selected time interval by using artificial neural networks, Amasra, Turkey**
Nogay H. S., Akinci T. C.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.2, pp.759-772, 2012 (SCI-Expanded)
- IX. **Speed Estimation of Brushless Direct Current (BLDC) Motor with Multilayer Perceptron**
Serteller N. F. O., Bektas Y., Nogay S., Akinci T. C.
PRZEGLAD ELEKTROTECHNICZNY, vol.88, pp.255-260, 2012 (SCI-Expanded)
- X. **Application of Artificial Neural Networks for Defect Detection in Ceramic Materials**
Akinci T. C., Nogay H. S., Yilmaz O.
ARCHIVES OF ACOUSTICS, vol.37, no.3, pp.279-286, 2012 (SCI-Expanded)
- XI. **ENVIRONMENTAL ASSESSMENT OF WIND ENERGY CONVERSION SYSTEMS IN TURKEY**
Kocabey S., Nogay S., Fidan C. B., Dursun B., Gorgulu S., Gokcol C., Akinci T. C., Aykut E.
JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, vol.13, no.1, pp.307-318, 2012 (SCI-Expanded)
- XII. **A proposal for visually handicapped students to use electrical control laboratory**
Nogay H. S., Akinci T. C.
JOURNAL OF VIBROENGINEERING, vol.13, no.2, pp.245-252, 2011 (SCI-Expanded)
- XIII. **Determination of optimum operation cases in electric arc welding machine using neural network**
Akinci T. C., Nogay H. S., Gokmen G.
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.25, no.4, pp.1003-1010, 2011 (SCI-Expanded)
- XIV. **Prediction of internal temperature in stator winding of three-phase induction motors with ann**
Nogay H. S.
EUROPEAN TRANSACTIONS ON ELECTRICAL POWER, vol.21, no.1, pp.120-128, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Accelerating the Transition to Nuclear Energy Systems in Turkey**
NOĞAY H. S.
Kırklareli University Journal of Engineering and Science, vol.2, no.2, pp.21-25, 2017 (Peer-Reviewed Journal)
- II. **Determination Leakage Reactance in Monophase Transformers Using by Cascaded Neural Network**

- NOĞAY H. S.
Balcan Journal of Electrical and Electronical Engineering, vol.4, no.2, pp.89-96, 2016 (Peer-Reviewed Journal)
- III. **Asenkron Motorda Yapay Sinir Ağları ile Durum Kestirimi**
NOĞAY H. S.
Electronic Journal of Vocational Colleges, vol.6, no.3, pp.41-48, 2016 (Peer-Reviewed Journal)
- IV. **Determining Skinfold Thickness through Artificial Neural Networks**
NOĞAY H. S.
İĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.6, no.3, pp.41-48, 2016 (Peer-Reviewed Journal)
- V. **A Neural Network Solution to Design Dual Stator Winding Insulation Level Detector for Three Phase Induction Motors**
NOĞAY H. S.
WSEAS Transactions on Advances in Engineering Education, vol.10, no.5, pp.234-240, 2008 (Peer-Reviewed Journal)
- VI. **Neural Network Solution to Low Order Odd Current Harmonics in Short Chorded Induction Motors**
Birbir Y., NOĞAY H. S., Özel Y.
Int. J. of Systems Applications, Engineering & Development, vol.1, no.2, pp.21-28, 2007 (Peer-Reviewed Journal)
- VII. **Voltage and Current Harmonic Variations in Three- Phase Induction Motors with Different Stator Coil Pitches**
Birbir Y., NOĞAY H. S.
Int. J. Of Energy, vol.4, no.1, pp.122-129, 2007 (Peer-Reviewed Journal)
- VIII. **Application of Artificial Neural Network for Harmonic Estimation in Different Produced Induction Motors**
Birbir Y. D. Y., NOĞAY H. S.
Int. J. of Circuits, Systems and Signal Processing, vol.4, no.1, pp.334-340, 2007 (Peer-Reviewed Journal)
- IX. **Alarga Rüzgar Türbinlerinde Yıldırım Hasar İstatistikleri**
Yılmaz Ö., NOĞAY H. S.
3e Aylık Enerji, Elektrik, Elektronik Dergisi, no.123, pp.45-51, 2004 (Peer-Reviewed Journal)
- X. **Alarga Rüzgar Türbinlerinin Yıldırımdan Korunması**
Yılmaz Ö., NOĞAY H. S.
Kaynak Elektrik Aylık Enerji, Elektrik, Aydınlatma, Elektronik ve Otomasyon Dergisi, no.180, pp.234-260, 2004 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Survey in Deep Convolutional Neural Networks for Diagnosis of Diseases**
NOĞAY H. S., AKINCI T. Ç., ÖNAL Ş. E.
International Conference on 7-8 December 2017, Sofia, Bulgaria Big Data, Knowledge and Control Systems Engineering, Sofia, Bulgaria, 7 - 08 December 2017, pp.10-16
- II. **A Study about Reliability Assessment of Power System**
ÖNAL Ş. E., AKINCI T. Ç., ŞEKER S. Ş., NOĞAY H. S.
International Conference on 7-8 December 2017, Sofia, Bulgaria Big Data, Knowledge and Control Systems Engineering, Sofia, Bulgaria, 7 - 08 December 2017, pp.22-28
- III. **Artificial Neural Network Based Solution Of Inverse And Forward Kinematics Of Six-axis Robotic Arm**
NOĞAY H. S., AKINCI T. Ç., ŞEKER S. Ş.
University Burgas, International Conference Education, Science, Economics And Technologies, Burgas, Bulgaria, 22 - 23 June 2017, pp.7-12
- IV. **Cascaded Neural Network for Internal Temperature Forecasting in Induction Motor**
NOĞAY H. S.
ICIMSET 2017, Londra, United Kingdom, 16 - 17 February 2017, pp.1769-1775

- V. **Application of ANN for Short Term Forecasting of Wind Power Density**
AKINCI T. Ç., NOĞAY H. S., GUSEINOVİENE ., Dikun J., ŞEKER S. Ş.
15th "International Scientific Conference" RE & IT - 2016, Smolyan, Bulgaria, 10 - 11 June 2016, pp.157-164
- VI. **Energy Saving in Induction Motors via Reducing Voltage in No Load and Light Load Operations**
NOĞAY H. S.
8th International Ege Energy Symposium and Exhibition – Afyonkarahisar, Afyon, Turkey, 11 - 13 May 2016, pp.858-862
- VII. **The Evaluation of OWECS Maintenance and Management Characteristics and Structuring Status in Turkey with Regard to Energy Requirement**
NOĞAY H. S.
8th International Ege Energy Symposium and Exhibition – Afyonkarahisar, Afyon, Turkey, 11 - 13 May 2016, pp.863-869
- VIII. **Meslek Eğitiminde Modern Eğitim ve Enformasyon Teknolojileri**
NOĞAY H. S., AKINCI T. Ç.
8. ULUSLARARASI EĞİTİM ARASTIRMALARI KONGRESİ, Çanakkale, Turkey, 5 - 08 May 2016, pp.275-281
- IX. **Teknik Eğitim Fakültesi Mezunu Akademisyenlerin Sorunları ve Çözüm Önerileri**
NOĞAY H. S.
8. ULUSLARARASI EĞİTİM ARASTIRMALARI KONGRESİ, Çanakkale, Turkey, 5 - 08 May 2016, pp.270-274
- X. **Forecasting of wind speed and directions in Kırklareli, Turkey by simple multilayer perceptron**
ŞEKER Ş. S., AKINCI T. Ç., NOĞAY H. S.
International Symposium on Sustainable Development (ISSD2013), Saraybosna, Bosnia And Herzegovina, 13 - 15 November 2013, pp.54-59
- XI. **Environmental Assessment Of Wind Energy Conversion Systems In Turkey”, Sustainable Development in Southeast Europe, Tekirdag**
Kocabey S., NOĞAY H. S., Akıncı Ç., Fidan C. B., Dursun B., Görgülü S., Gökçol C.
Environmental Protection and Ecology 2012, Tekirdağ, Turkey, 16 - 18 June 2009, pp.321-329
- XII. **Estimation of Low Order Odd Current Harmonics in Short Chorded Induction Motors Using Artificial Neural Network**
Birbir Y., NOĞAY H. S., Özel Y.
9th WSEAS Int. Conf. on Neural Networks (NN’ 08), Sofya, Bulgaria, 2 - 04 May 2008, pp.387-394
- XIII. **Designation of harmonic estimation ANN model using experimental data obtained from different produced induction motors**
Nogay H. S., Birbir Y.
9th WSEAS International Conference on Neural Networks (NN 08), Sofija, Bulgaria, 2 - 04 May 2008, pp.198-201
- XIV. **Prediction of Current Harmonics in Induction Motors with Artificial Neural Network**
Birbir Y., NOĞAY H. S., Taşkın S.
International Aegean Conference on Electrical Machines and Power Electronics, (ACEMP’07), Muğla, Turkey, 10 - 12 September 2007, pp.123-129
- XV. **Estimation of Total Harmonic Distortion in Short Chorded Induction Motors Using Artificial Neural Network**
Birbir Y., NOĞAY H. S.
6th WSEAS Int. Conf. on Applications of Electrical Engineering, İstanbul, Turkey, 27 - 29 May 2007, pp.261-267
- XVI. **Harmonic Variations in Three-phase Induction Motors Fed by PWM Inverter with Different Stator Coil Pitches**
Birbir Y., NOĞAY H. S.
6th WSEAS Int. Conf. on Applications of Electrical Engineering, (AEE’07), İstanbul, Turkey, 27 - 29 May 2007, pp.350-360
- XVII. **Design and Implementation of PLC-Based Monitoring Control System for Three-Phase Induction Motors Fed by PWM Inverter**
Birbir Y., NOĞAY H. S.
6th WSEAS Int. Conf. on Applications of Electrical Engineering, (AEE’07), İstanbul, Turkey, 27 - 29 May 2007,

pp.246-255

XVIII. Transformatör Kaçak Akı Dağılımının Simülasyonu ve Eğitim Amaçlı Kullanımı

Aküner C., NOĞAY H. S.

1. Uluslararası Mesleki ve Teknik Eğitim Teknolojileri Kongresi, İstanbul, Turkey, 5 September - 07 October 2005, pp.468-472

XIX. Rüzgar Türbinlerinde Yıldırımdan Korunma Yöntemleri

Kentli F., NOĞAY H. S., Yılmaz Ö.

V. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 26 - 28 October 2004, pp.53-62

XX. Alarga Rüzgar Türbini Teknolojisi, Bakım ve İşletme Özellikleri İle Türkiye de Yapılandırma Durumunun Enerji Gereksinimi Açısından Değerlendirilmesi

NOĞAY H. S., Gökmen G.

Yenilenebilir Enerji Kaynakları Sempozyum ve Sergisi, Kayseri, Turkey, 3 - 04 October 2003, pp.389-395

XXI. Rüzgar Türbinlerinde Kontrol ve Güvenlik Sistemleri

Güney İ., NOĞAY H. S., Taşkın S.

Yenilenebilir Enerji Kaynakları Sempozyum ve Sergisi, Kayseri, Turkey, 12 - 13 October 2001, pp.137-144

XXII. Rüzgar Türbinlerinde Güç Kalitesi ve Ölçümleri

Güney İ., Taşkın S., NOĞAY H. S.

6.Türk Alman Enerji Sempozyumu, İzmir, Turkey, 21 - 24 June 2001, pp.471-481

XXIII. Rüzgar Türbinlerinde Güç Performansı Gürültü ve Hız Ölçümleri

NOĞAY H. S., Taşkın S.

III. Ulusal Temiz Enerji Sempozyumu, İstanbul, Turkey, 15 - 17 November 2000, pp.385-392

Supported Projects

NOĞAY H. S., Project Supported by Other Official Institutions, Ulusal ve uluslararası hibeler ve proje döngüsü eğitimi (Trakya Kalkınma Ajansı Projesi), 2012 - 2013

NOĞAY H. S., Project Supported by Other Official Institutions, SPSS Statistics İle İstatistiksel Analizler Temel Eğitimi (Trakya Kalkınma Ajansı Projesi), 2012 - 2013

NOĞAY H. S., Project Supported by Other Official Institutions, Modern Eğitim ve Enformasyon Teknolojilerinin Lüleburgaz Meslek Yüksekokuluna Uygulanarak Mesleki ve Teknik Eğitim Altyapısının Güçlendirilmesi ve Yaygınlaştırılması (MEET-LMYO), (Trakya Kalkınma Ajansı Projesi), 2011 - 2012

Memberships / Tasks in Scientific Organizations

Mesleki ve Teknik Eğitim Derneği, Member, 2013 - Continues

Scientific Refereeing

Journal of Applied Intelligence (APIN), SCI Journal, February 2014

Computer Applications in Engineering Education, SCI Journal, July 2013

Scientific Research and Essays, SCI Journal, May 2013

Energy Policy, SCI Journal, April 2013

Electronic Journal of Vocational Colleges, Other Indexed Journal, March 2013

IEEE Transactions on Sustainable Energy, SCI Journal, September 2012

International Transactions on Electrical Energy Systems (ETEP), SCI Journal, March 2012

Metrics

Publication: 47
Citation (WoS): 84
H-Index (WoS): 5

Awards

NOĞAY H. S., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ, TÜBİTAK, June 2012