

## Asst. Prof. Hayrettin EVİRGEN

### Personal Information

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### Education Information

Doctorate, Sakarya University, Institute Of Social Sciences, Turkey 1998 - 2002

Post Graduate, Sakarya Üniversitesi, Sosyal Bilimler Enstitüsü, İşletme Bölümü, Turkey 1995 - 1997

Under Graduate, Selçuk Üniversitesi, Mühendislik/Mimarlık Fakültesi, Fizik Mühendisliği, Turkey 1984 - 1987

### Foreign Languages

English, C2 Mastery

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Vocational School Of Justice, Punishment Execution And Security Services Program, 2019 - Continues

Assistant Professor, Sakarya University, Faculty Of Engineering, Department Of Computer Engineering, 2002 - 2016

### Academic and Administrative Experience

Vice Dean, Istanbul University, Open And Distance Education Faculty, 2016 - Continues

Director of Vocational School, Sakarya University, Adapazarı Vocational School, 2011 - 2014

Head of Department, Sakarya University, Faculty Of Engineering, Department Of Computer Engineering, 2005 - 2011

Director of the Center, Sakarya University, Computer Research And Application Center, 2005 - 2011

Head of Department, Sakarya University, Rectorate, 2006 - 2008

### Courses

DATA STRUCTURES, Under Graduate, 2020 - 2021

### Advising Theses

EVİRGEN H., Hadoop Mapreduce Algoritmasının Analizi İle Performansa Etki Eden Parametrelerin Tespiti ve Hadoop Üzerinde Başarım Artımı, Post Graduate, H.Şarkışla(Student), 2015

EVİRGEN H., Yapay Zeka Teknikleri Kullanılarak Öğrenci Danışmanlık Hizmeti Bilişim Altyapı Tasarımı, Post Graduate, S.Kaynak(Student), 2014

EVİRGEN H., Uzaktan Eğitimde Öğrenci Başarı ve Memnuniyetini Etkileyen Faktörlerin incelenmesi: Sakarya Üniversitesi Örneği, Doctorate, M.Çengel(Student), 2014

EVİRGEN H., Yeni Bir Kaos Tabanlı Kriptolama Sistemi ve Uygulaması, Doctorate, A.Sertol(Student), 2014  
EVİRGEN H., Veri Madenciliği Yöntemlerini Kullanarak Diyabetik Retinopati Hastalığının Teshisi, Post Graduate, M.Çerkezi(Student), 2013  
EVİRGEN H., Nesneye Yönelik Yaklaşımla Gerçekleştirilen Yazılımlarda Sınıf Uyum Ölçütlerinin İncelenmesi ve Yeni Bir Sınıf Uyum Ölçütü Önerisi, Post Graduate, A.Arslan(Student), 2012  
EVİRGEN H., Eğitim Öğretim Bilgi Sistemlerinde Tasarım Kalıpları Kullanımı, Post Graduate, S.Darga(Student), 2012  
EVİRGEN H., RFID ile Online Veri Toplama Sistemi Geliştirilmesi, Post Graduate, S.Ülper(Student), 2010  
EVİRGEN H., Akıllı Kimlik Kartı Uygulaması, Post Graduate, A.Şanslı(Student), 2007  
EVİRGEN H., Yapay Sinir Ağları Kullanarak Parmak İzi ve Konuşmacı Tanıma, Post Graduate, C.Yüzkollar(Student), 2007  
EVİRGEN H., 802.11 Kablosuz Yerel Alan Ağlarında Güvenlik Sorunu, Post Graduate, A.Sertol(Student), 2007  
EVİRGEN H., GPRS İle Uzaktan Sayaç Okuma Uygulaması, Post Graduate, M.Göçer(Student), 2005  
EVİRGEN H., Türkçe Uygulama Geliştirme Aracı ve Derleyicisi, Post Graduate, S.İlyas(Student), 2005  
EVİRGEN H., Bilgisayar Ağlarında En Kısa Yolun Hesaplanması, Post Graduate, Ö.Emre(Student), 2004

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

- I. **A New Augmented K-Means Algorithm for Seed Segmentation in Microscopic Images of the Colon Cancer**  
YURTSEVER U., Evirgen H., AVUNDUK M. C.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, no.2, pp.382-389, 2018 (Journal Indexed in SCI)
- II. **A secure communication using cascade chaotic computing systems on clinical decision support**  
Koksal A. S. , Er O., Evirgen H., Yumusak N.  
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.61, no.3, pp.323-329, 2016 (Journal Indexed in SCI)
- III. **A NEW SECURE COMMUNICATIONS METHOD USING CASCADE CHAOTIC COMPUTING SYSTEMS**  
KÖKSAL A. S. , EVİRGEN H.  
ELECTRONICS WORLD, vol.120, no.1943, pp.22-24, 2015 (Journal Indexed in SCI Expanded)
- IV. **DETERMINATION OF CRITICAL ACHIEVEMENT FACTORS IN DISTANCE EDUCATION BY USING STRUCTURAL EQUATIONMODEL: A CASE STUDY OF E-MBA PROGRAM HELD IN SAKARYA UNIVERSITY**  
EVİRGEN H., ÇENGEL M.  
TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.11, no.3, pp.94-104, 2012 (Journal Indexed in SSCI)

### Articles Published in Other Journals

- I. **A Survey on LoRaWAN Architecture, Protocol and Technologies**  
Erturk M. A. , AYDIN M. A. , Buyukakkaslar M. T. , Evirgen H.  
FUTURE INTERNET, vol.11, no.10, 2019 (Journal Indexed in ESCI)
- II. **Adaptive Neuro-Fuzzy Inference System in Predicting the Success of Student's in a Particular Course**  
Kaynak S., EVİRGEN H., Kaynak B.  
International Journal of Computer Theory and Engineering, no.7, pp.34-39, 2015 (Refereed Journals of Other Institutions)
- III. **Comparative Student Success Analysis of Distance Education and Traditional Education in Associate Degree Programs**  
EVİRGEN H., İlyas G., İlyas S.  
Journal of Systemics, Cybernetics and Informatics, no.12, pp.8-12, 2014 (Refereed Journals of Other Institutions)
- IV. **Design, Development and Evaluation of Flash Software That Could Be Used in Vehicles for the Education of Autistic Students**  
EVİRGEN H., Çengel M.  
Procedia-Social and Behavioral Sciences, pp.814-823, 2013 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Veritabanlarında İşlem Denetimi ve Tarihsel veri Modelleme Yaklaşımı**  
Evirgen H., Dokuzer I.  
4th International Symposium on Digital Forensics and Security, ISDFS 2016, Arkansas, United States Of America, 25 - 27 April 2016, pp.154-160
- II. **Hadoop MapReduce Algoritmasının Analizi ile Performansa Etki Eden Parametrelerin Tespiti ve Optimize Edilmiş Parametreler ile Hadoop Üzerinde Başarım Artımı**  
EVİRGEN H., Şarkışla H.  
3rd International On Innovative Technologies İn Engineering And Science, Universidad Politécnică De Valencia, Spain, 3 - 05 June 2015, pp.1246-1256
- III. **Distance Education Activities in Sakarya University for Associate, Undergraduate and Post-Graduate Degrees**  
EVİRGEN H., İLYAS G., İLYAS S.  
The 5th International Conference on Education, Training and Informatics, Orlando, Florida, United States Of America, 3 - 07 March 2014, pp.1-4
- IV. **PREDICTION AND DIAGNOSIS OF DIABETIC RETINOPATHY USING DATA MINING TECHNIQUES**  
EVİRGEN H., Çerkezi M.  
International Science and Technology Conference, Roma, Italy, 25 - 27 June 2013, pp.32-37
- V. **Automatic Reconstruction of 3D Solid Models From 2D Orthographic Views**  
EVİRGEN H., İlyas S.  
International Symposium on Intelligent and Manufacturing Systems, Antalya, Turkey, 27 - 28 September 2012, pp.1-8
- VI. **Açık Kaynak Kodlu Öğrenim Yönetim Sistemlerinde Yazılım Kalitesinin Sınıf Uyumunun(Cohesion) Yazılım Metrikleri Kullanılarak İncelenmesi**  
EVİRGEN H., Arslan A.  
INTE 2012 International Conference on New Horizons, Prag, Czech Republic, 5 - 07 June 2012, pp.23-29
- VII. **Sakarya İli Öğretmenlerinin Eğitim Teknolojileri Yönündeki Yeterliliklerinin 2001 ile 2011 Verilerinin Karşılaştırılması**  
EVİRGEN H., Çengel M.  
3rd International Conference on New Horizons in Education (INTE 2012), Prag, Czech Republic, 5 - 07 June 2012, pp.1188-1213
- VIII. **Realization of Campus Automation Web Information System in Context of Service Unity Architecture**  
EVİRGEN H., Canay Ö., Meriç S., Varan M.  
2nd International Symposium on Computing in Science & Engineering (ISCSE 2011), Aydın, Turkey, 1 - 04 June 2011, pp.1-4
- IX. **Bologna Süreci Kapsamında Eğitim Öğretim Bilgi Sistemi**  
EVİRGEN H., Canay Ö., Darga S., Varan M.  
International Educational Technology Conference (IETC 2011), İstanbul, Turkey, 25 - 27 May 2011, pp.1414-1424
- X. **Audio File Steganalysis Through Artificial Neural Networks**  
EVİRGEN H., Durdu A., Özcerit A. T.  
Signal Processing and Communications Applications (SIU), 2011 IEEE 19th Conference, Antalya, Turkey, 20 - 22 April 2011, pp.82-85
- XI. **Analysis And Circuit Realization Of Vilnius Chaotic Oscillator**  
EVİRGEN H., Varan M., Uyaroğlu Y., Yurtsever U.  
Proceedings of 7th International Symposium on Intelligent and Manufacturing Systems (IMS 2010), Sarajevo, Bosnia And Herzegovina, 15 - 17 September 2010, pp.1-4
- XII. **Uzaktan Eğitimde Başarıya Etki Eden Faktörlerin Belirlenmesinde Sakarya Üniversitesi E-MBA Örneği**  
EVİRGEN H., Çengel M.  
10th INTERNATIONAL EDUCATIONAL TECHNOLOGY CONFERENCE Pr, İstanbul, Turkey, 26 - 28 April 2010, pp.1700-1705

- XIII. **802.11 Kablosuz Yerel Alan Ağlarında WEB ve WPA Anahtarlarının Elde Edilmesi**  
EVİRGEN H., Köksal A. S. , Er O., Ekiz H.  
Ağ ve Bilgi Güvenliği Sempozyumu, Girne, Turkey, 16 - 18 May 2008, pp.58-62
- XIV. **A simulation Model For Kidney Allocation System**  
EVİRGEN H., Çelebi N.  
International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 30 April - 02 May 2007, pp.1-4
- XV. **Evolution Of Current Telecommunication Networks And Next Generation Optical Networks**  
EVİRGEN H., Taşkın C., Ekiz H., Çakır A. Y.  
Evolution Of Current Telecommunication Networks And Next Generation Optical Networks, Cap Esterel, Côte D'Azur, France, 26 - 29 August 2006, pp.1-6
- XVI. **Automatic Meter Reading Over Gprs**  
EVİRGEN H., Çelebi N., Göçer M.  
Proceedings of 5th International Symposium on Intelligent Manufacturing Systems,, Sakarya, Turkey, 21 - 31 May 2006, pp.1-6
- XVII. **İletişim Eğitiminde Öğrencilerin İnternet'i Kullanma Eğilimleri**  
EVİRGEN H., İşman A., Öztunç M.  
VI. International Educational Technology Conference, Famagusta, Cyprus (Kkct), 19 - 21 April 2006, pp.918-924
- XVIII. **Sakarya Üniversitesi Adapazarı MYO'da Uzaktan Eğitim Gören Öğrencilerin Bilgisayarı Kullanma Yetenekler**  
EVİRGEN H., İşman A., Öztunç M., İşbulan O.  
VI. International Educational Technology Conference, Famagusta, Cyprus (Kkct), 19 - 21 April 2006, pp.925-939
- XIX. **Evolution of the current telecommunications networks and the next generation optical networks**  
Taşkin C., Evirgen H., Ekiz H., Çakir A. Y.  
International Conference on Internet Surveillance and Protection, ICISP'06, Cote d'Azur, France, 26 - 28 August 2006, pp.12-17

## Citations

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