

Assoc. Prof. İHSAN TOLGA MEDENİ

Personal Information

Email: tolgamedeni@ybu.edu.tr

Web: <https://avesis.aybu.edu.tr/tolgamedeni>

Education Information

Doctorate, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Bilişim Sistemleri Anabilim Dalı (Disiplinlerarası), Turkey 2009 - 2014

Undergraduate Double Major, Çankaya Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2001 - 2005

Undergraduate, Çankaya Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, İşletme Bölümü, Turkey 1999 - 2004

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Maintenance for sustainable ontologies, Orta Doğu Teknik Üniversitesi, Mimarlık Fakültesi, Bilişim Sistemleri Anabilim Dalı (Disiplinlerarası), 2014

Research Areas

Management of Information and Documents, Informatics, Information Systems, Communication and Control Engineering, Computer Sciences

Academic Titles / Tasks

Associate Professor, Ankara Yıldırım Beyazıt Üniversitesi, İşletme Fakültesi, Yönetim Bilişim Sistemleri Bölümü, 2018 - Continues

Expert, Çankaya Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - 2013

Expert, Orta Doğu Teknik Üniversitesi, Felsefe, Sosyoloji, 2009 - 2010

Research Assistant, Ankara Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2006

Academic and Administrative Experience

Ankara Yıldırım Beyazıt Üniversitesi, İşletme Fakültesi, Yönetim Bilişim Sistemleri Bölümü, 2017 - Continues

Courses

TDS 209 Sağlık Bilgi Haritalaması, Associate Degree, 2016 - 2017, 2017 - 2018
CENG 305 Operating Systems, Undergraduate, 2017 - 2018
MIS 351 Graphical User Interface Design and Programming, Undergraduate, 2017 - 2018
YBS 725 Veritabanı Yönetimi ve Bilgisayar Ağları, Postgraduate, 2017 - 2018
TDS 211 Sağlık Bilgi Sistemleri Tasarımı, Associate Degree, 2016 - 2017, 2017 - 2018
BY 303 BİLGİ SİSTEMLERİ TASARIMI, Undergraduate, 2016 - 2017, 2017 - 2018
BY 403 BİLGİ HARİTALAMA TEKNİKLERİ, Undergraduate, 2016 - 2017, 2017 - 2018
MIS 203 DATA STRUCTURES AND ALGORITHMS, Undergraduate, 2016 - 2017, 2017 - 2018
SBE 507 Master Thesis, Postgraduate, 2016 - 2017, 2017 - 2018
SBE 501 Academic Specialization, Postgraduate, 2016 - 2017, 2017 - 2018
YBS 723 Sistem Tasarımı ve Yazılım Geliştirme, Postgraduate, 2016 - 2017
MIS 499 Senior Project, Undergraduate, 2016 - 2017
MIS 408 Mobile Development, Undergraduate, 2016 - 2017
MIS 533 Database Management, Postgraduate, 2016 - 2017
SBE 503 Seminer, Postgraduate, 2016 - 2017
MIS 532 Computer Networks, Postgraduate, 2016 - 2017
MIS 204 DATABASE MANAGEMENT, Undergraduate, 2016 - 2017
MIS 102 COMPUTER PROGRAMMING II, Undergraduate, 2016 - 2017
MIS 305 OPERATING SYSTEMS, Undergraduate, 2016 - 2017
MIS 301 WEB PROGRAMMING, Undergraduate, 2016 - 2017
MIS 207 COMPUTER NETWORKS AND SECURITY, Undergraduate, 2016 - 2017

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

- I. **A Novel Behavioral Strategy for RoboCode Platform Based on Deep Q-Learning**
Kayakoku H., Guzel M. S., Bostanci E., MEDENİ İ. T., Mishra D.
Complexity, vol.2021, 2021 (Journal Indexed in SCI Expanded)
- II. **Manipulator detection in cryptocurrency markets based on forecasting anomalies**
Akba F., MEDENİ İ. T., Guzel M. S., Askerzade I.
IEEE Access, vol.9, pp.108819-108831, 2021 (Journal Indexed in SCI Expanded)
- III. **Evaluating the feasibility of blockchain in logistics operations: A decision framework**
AR İ. M., EROL İ., Peker I., ÖZDEMİR A. İ., MEDENİ T. D., MEDENİ İ. T.
Expert Systems with Applications, vol.158, 2020 (Journal Indexed in SCI Expanded)
- IV. **Assessing the feasibility of blockchain technology in industries: evidence from Turkey**
EROL İ., AR İ. M., ÖZDEMİR A. İ., Peker I., Asgary A., MEDENİ İ. T., Medeni T.
Journal of Enterprise Information Management, 2020 (Journal Indexed in SCI Expanded)
- V. **The role of blockchain in reducing the impact of barriers to humanitarian supply chain management**
ÖZDEMİR A. İ., EROL İ., AR İ. M., Peker I., Asgary A., MEDENİ T. D., MEDENİ İ. T.
International Journal of Logistics Management, 2020 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Organizational learning management system application via micro PC hardware: A case study in Kyrgyzstan**
Ismailova R., MEDENİ T. D., MEDENİ İ. T., Muhametjanova G., SOYLU D.
International Journal of Virtual and Personal Learning Environments, vol.11, no.1, pp.54-63, 2021 (Refereed Journals of Other Institutions)
- II. **Qualitative analysis to determine decision-makers' attitudes towards e-government services in a de-facto state**

KAYA T., SAĞSAN M., MEDENİ T. D. , MEDENİ İ. T. , YILDIZ M.

Journal of Information, Communication Ethics in Society, vol.18, no.4, pp.609-629, 2020 (Refereed Journals of Other Institutions)

- III. **Covid-19 Öncesi ve Sonrasındaki Bitcoin Fiyat Değişimlerinin Makine Öğrenmesi, Zaman Serileri Analizi ve Derin Öğrenme Yöntemleriyle Değerlendirilmesi**
Kaya U., Akba F., MEDENİ İ. T. , MEDENİ T. D.
Bilişim Teknolojileri Dergisi, vol.13, no.3, pp.341-355, 2020 (Refereed Journals of Other Institutions)
- IV. **Citizen Attitudes Towards E-Government Services: Comparison of Northern and Southern Nicosia Municipalities**
KAYA T., SAGSAN M., YILDIZ M., MEDENİ T. D. , MEDENİ İ. T.
International Journal of Public Administration in the Digital Age, 2020 (Refereed Journals of Other Institutions)
- V. **Citizens' Attitudes towards E-Government Services: Comparison of Northern and Southern Nicosia Municipalities**
KAYA T., SAĞSAN M., YILDIZ M., MEDENİ T. D. , MEDENİ İ. T.
International Journal of Public Administration in the Digital Age (IJPADA), vol.7, no.1, pp.609-629, 2020 (Refereed Journals of Other Institutions)
- VI. **Cybercrime risk awareness rate among students in Central Asia: A comparative study in Kyrgyzstan and Kazakhstan**
Ismailova R., Muhametjanova G., MEDENİ T. D. , MEDENİ İ. T. , SOYLU D., Dossymbekuly O. A.
Information Security Journal, vol.28, pp.127-135, 2019 (Refereed Journals of Other Institutions)
- VII. **A SITUATION ANALYSIS FOR NORTHERN CYPRUS MUNICIPALITIES KEY SUCCESS FACTORS FOR EFFECTIVE PARTICIPATION**
KAYA T., MEDENİ T. D. , SAĞSAN M., MEDENİ İ. T. , ASUNAKUTLU T.
International Journal of eBusiness and eGovernment Studies (IJBEG), vol.8, no.2, pp.1-17, 2016 (Refereed Journals of Other Institutions)
- VIII. **A Situation Analysis for Northern Cyprus Municipalities Key Success Factors For Effectice Participation**
KAYA T., MEDENİ T. D. , SAĞSAN M., MEDENİ İ. T. , ASUNAKUTLU T.
International Journal of eBusiness and eGovernment Studies (IJBEG), vol.8, no.2, pp.1-17, 2016 (Refereed Journals of Other Institutions)
- IX. **SUGGESTING A NEW MANAGEMENT INFORMATION SYSTEMS EDUCATION PROGRAMME FOR KNOWLEDGE SOCIETY IMPLICATIONS FROM TURKISH CASE**
MEDENİ T. D. , MEDENİ İ. T.
International E-Journal of Advances in Social Sciences (IJASOS), vol.2, no.4, pp.197-203, 2016 (Refereed Journals of Other Institutions)
- X. **A CASE STUDY IN THE APPLICATION MARKET BEHAVIOR OF PLAY STORE CUSTOMERS**
MEDENİ İ. T.
IJASOS- International E-journal of Advances in Social Sciences, vol.2, no.4, pp.174-180, 2016 (Refereed Journals of Other Institutions)
- XI. **Topic Model Implementation to Find Related Documents in Corporate Archives in Real Life A Case Scenario on Knowledge Retrieval**
MEDENİ İ. T. , MEDENİ T. D.
International Journal of eBusiness and eGovernment Studies, vol.5, no.1, pp.98-107, 2013 (Refereed Journals of Other Institutions)
- XII. **Reflection and refraction for knowledge management systems**
MEDENİ T. D. , MEDENİ İ. T.
International Journal Of Ebusiness And Egovernment Studies, vol.4, no.1, pp.55-64, 2012 (Refereed Journals of Other Institutions)
- XIII. **Extracting tacit knowledge for software requirement specification a proposal of research methodology for knowledge visualization**
ünsal s., MEDENİ T. D. , ayas m., MEDENİ İ. T. , abdrzakova a.

Ka33y Xabapwbicbi, vol.6, no.90, pp.21-37, 2012 (Refereed Journals of Other Institutions)

- XIV. **Tacit Knowledge Visualization Through Organizational Explicit Knowledge Warehouses a Proposal for Research Methodology Design and Execution**
MEDENİ İ. T. , MEDENİ T. D. , TOLUN M. R.
International Journal of eBusiness and eGovernment Studies, vol.3, no.1, pp.91-100, 2011 (Refereed Journals of Other Institutions)
- XV. **Developing an e government education programme curriculum based on knowledge management paradigms to support institutional transformation**
MEDENİ İ. T. , SAĞSAN M., MEDENİ T. D. , balcı a., TAŞKAYA M.
INTERNATIONAL JOURNAL OF eBUSINESS AND eGOVERNMENT STUDIES, vol.1, no.2, pp.35-47, 2009 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Learning, Knowledge and Impact Assessment from the Perspective of Complexity and Chaos**
MEDENİ T. D. , Güçlü N., MEDENİ İ. T. , ALIR G.
in: Chaos Complexity and Leadership 2014, Erçetin, Şefika Şule, Editor, Springer International Publishing, pp.365-375, 2016
- II. **Learning, Knowledge and Impact Assessment from the Perspective of Complexity and Chaos**
MEDENİ T. D. , güçlü a. n. , MEDENİ İ. T. , ALIR G.
in: Chaos Complexity and Leadership 2014, Erçetin, Şefika Şule, Editor, Springer, pp.365-375, 2016
- III. **Improving Take-Up of e-Government Services in Turkey (and EU): Suggestions from Practice**
MEDENİ T. D. , MEDENİ İ. T. , balcı a., kaplan a.
in: Transformational Government Through eGov Practice Socioeconomic Cultural and Technological Issues, Shareef, Mahmud Akhter; Archer, Norm; Dwivedi, Yogesh K.; Mishra, Alok; Pandey, Sanjay K, Editor, Emerald, pp.95-113, 2012
- IV. **E-DEVLET KAPISI: SUNULAN E-HİZMETLERİN DEĞERLENDİRİLMESİ VE ÖNERİLER**
MEDENİ T. D. , kaplan a., DALBAY Ö., MEDENİ İ. T. , aktekin e.
in: E Devlet Kamu Yönetimi ve Teknoloji İlişkisinde Güncel Gelişmeler, Sobacı, Mehmet Zahid; Yıldız, Mete, Editor, Nobel, pp.263-278, 2012
- V. **Vatandaş Odaklı E-Devlet Hizmetlerinin Ölçümlendirilmesi: Yeni Kamu Yönetimi Anlayışı İçerisinde Türkiye İçin Bir Model Önerisi**
balcı a., BAKAN İ., AYDIN A. H. , KAR M., öz b., MEDENİ T. D. , MEDENİ İ. T.
in: E Devlet Kamu Yönetimi ve Teknoloji İlişkisinde Güncel Gelişmeler, Sobacı, Mehmet Zahid; Yıldız, Mete, Editor, nobel, pp.103-127, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Digital maps and blockchain, simplification of information sharing**
MEDENİ T. D. , SOYLU D., MEDENİ İ. T. , Mounzer S.
CEUR Workshop Proceedings, 23 April 2020
- II. **New Age Information Technology Oriented Economy: A BlockChain Oriented Analysis**
MEDENİ İ. T. , ÖZÇAĞDAVUL M.
International Conference on eBusiness and eGovernment, 23 November 2017
- III. **Sanal Para Kullanımının Günlük Yaşama Etkisi, Bir Türkiye İncelemesi**
MEDENİ İ. T.
SOSBİLKO 2017, Ankara, Turkey, 23 November 2017, pp.24
- IV. **Theatre of the Oppressed Tools in Youth Trainings a project proposal**
SOYLU D., MEDENİ T. D. , MEDENİ İ. T.

- II. Uluslararası Öğrencilik Sempozyumu, 24 - 25 December 2016
- V. **Youth Challenge Against Xenophobia Erasmus Plus Vision**
SOYLU D., MEDENİ T. D. , MEDENİ İ. T.
II. Uluslararası Öğrencilik Sempozyumu, 24 - 25 December 2016
- VI. **Kırgızistan Türkiye E Devlet Uygulamaları ve Belge Yönetim Sistemlerinin Karşılaştırmalı Çalışması
Mevlana Programı Kapsamında Kabul Almış bir Proje Başvurusu**
MEDENİ T. D. , MEDENİ İ. T. , ALIR G., SOYLU D., BÜLBÜLOĞLU D., Rita I., Raimbek S., Muhametjanova G., Aslan M. E.
, AKPINAR M. T.
TBD 33. Bilişim Kurultayı, Turkey, 8 - 09 December 2016
- VII. **Developing Special Educational Tools Methods And Approaches Refugee Children Example**
SOYLU D., MEDENİ T. D. , MEDENİ İ. T.
Management, Economy and Policy (ICOMEPE) 2016, Turkey, 26 November 2016
- VIII. **Virtual Gaming Environments Online Role Playing Communities for Learning Reflective and Refractive
Cross Cultural Critical and Creative Skills**
MEDENİ T. D. , SOYLU D., MEDENİ İ. T. , ALIR G.
2016 International Education Conference, Venedik, Italy, 5 - 09 June 2016
- IX. **Virtual Gaming Environments Online Role Playing Communities for Learning Reflective and Reactive
Cross Cultural Critical and Creative Skills**
MEDENİ T. D. , SOYLU D., ALIR G., MEDENİ İ. T.
2016 International Education Conference, Venedik, Italy, 5 - 09 June 2016
- X. **Twine Uygulaması ve Bilgi Okuryazarlığı Kapsamında Kullanımı**
Yücetaş A., MEDENİ T. D. , MEDENİ İ. T. , SOYLU D.
2. Uluslararası Bilgi ve Belge Yönetimi Konferansı, 5 - 06 May 2016
- XI. **TWINE UYGULAMASI VE BİLGİ OKURYAZARLIĞI KAPSAMINDA KULLANIMI**
Yücetaş A., MEDENİ T. D. , MEDENİ İ. T. , SOYLU D.
II. ULUSLARARASI BİLGİ VE BELGE YÖNETİMİ BÖLÜMÜ ÖĞRENCİ KONGRESİ, Turkey, 5 - 06 May 2016
- XII. **Taşınabilir Uygulamalarda Devlet Hizmetlerinin Yarı**
MEDENİ İ. T.
Bilişim 2015 TBD 32 Ulusal Bilişim Kurultayı, Turkey, 3 - 05 December 2015, pp.98-102
- XIII. **Elektronik Belge Yönetim Sistemi EBYS Tümlşik Etki Değerlendirmesi Kamu Sektöründe Yapılan Bir
Yöntem Belirleme ve Alan Çalışmasının İlk Sonuçları**
Özbay T., Güçlü N., ALIR G., MEDENİ T. D. , öztopçu I., MEDENİ İ. T. , bora s.
12th International Conference on Knowledge, Economy and Management (ICKEM 2014), 27 - 30 November 2014
- XIV. **Software Maintenance to Ontology Maintenance An Approach for Maintenance Requirements of
Ontologies**
MEDENİ İ. T. , MEDENİ T. D. , Akba F.
International Conference on Business and Information, 3 - 05 July 2014
- XV. **Bilgi Görsellemesi Yapılan Çalışmalar ve Ulaşabileceği Potansiyel Medeni**
MEDENİ İ. T.
5. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 26 - 27 April 2012
- XVI. **A Decision Support System Proposal for the Engineering Students Specialty Area Selection**
MEDENİ İ. T. , ÇİFTÇİ E.
2nd WORLD CONFERENCE on INFORMATION TECHNOLOGY (WCIT 2011), 23 - 27 November 2011
- XVII. **A Meta Knowledge Management Model and a Knowledge Visualization Framework to Reveal
Organizational Tacit Knowledge**
MEDENİ T. D. , MEDENİ İ. T. , kaplan a.
2nd WORLD CONFERENCE on INFORMATION TECHNOLOGY (WCIT 2011), Antalya, Turkey, 23 - 27 November
2011
- XVIII. **Assessment of Online News Agencies by Using a Knowledge Visualization Model Expected Benefits**
MEDENİ İ. T. , PEKER S., uyar e.
2nd World Conference on Information Technology (WCIT 2011), Ankara, Turkey, 23 - 27 November 2011

- XIX. tacit knowledge extraction for software requirement specification srs proposal of research methodology design and execution for knowledge visualization**
MEDENİ T. D. , ünsal s., ayas m., MEDENİ İ. T.
international symposium on knowledge & system sciences, 55th annual meeting of the ISSS, 17 - 22 July 2011
- XX. A Knowledge Visualization Model for Evaluating Internet News Agencies on Conflicting News**
MEDENİ İ. T. , PEKER S., uyar e.
34th International Convention on Information and Communication Technology, Electronics and Microelectronics, 23 - 27 May 2011, pp.850-853
- XXI. Örgütsel Örtük Bilgiyi Ortaya Çıkarmaya Yönelik Meta Bilgi Yönetimi Modeli ve Karar Destek Sistemi**
MEDENİ İ. T. , MEDENİ T. D. , TOLUN M. R.
4. Mühendislik ve Teknoloji Sempozyumu, Turkey, 28 - 29 April 2011
- XXII. Yeşil BHT Bilgi ve Haberleşme Teknolojileri Akademisyen ve Uygulayıcılar Açısından Bir İnceleme**
akba f., MEDENİ İ. T. , MEDENİ T. D. , TOLUN M. R. , öztürk m.
4. Mühendislik ve Teknoloji Sempozyumu, Turkey, 28 - 29 April 2011
- XXIII. Bilgi Yönetimi İçin Bilgi Mühendisliği Eğitimi**
MEDENİ İ. T. , TOLUN M. R.
4. Mühendislik ve Teknoloji Sempozyumu, Turkey, 28 - 29 April 2011
- XXIV. A Service Governance Maturity Model in Order to Establish Interoperability Guidelines For Governmental Agencies A Practitioner s Point of View**
kahramaner y., MEDENİ T. D. , MEDENİ İ. T.
A Service Governance Maturity Model in Order to Establish Interoperability Guidelines For Governmental Agencies-A Practitioner's Point of View, 8 - 11 December 2009, pp.485-496
- XXV. A Model Development for Needs Hierarchy and eGovernment Services Are There Layers of Needs on eGovernment Services**
alkhatib h., lee h., MEDENİ T. D. , MEDENİ İ. T.
eTransformation in Public Administration: From eGovernment to eGovernance, Ankara, Turkey, 8 - 11 December 2009, pp.37-50
- XXVI. Bilgi Biliminin Mühendislik Gereksinimi ve Bilgi Mühendisliği**
MEDENİ İ. T. , AKTAŞ A. Z. , TOLUN M. R.
Elektrik Elektronik Bilgisayar Biomedikal Mühendisleri Eğitimi 4. Ulusal Sempozyumu, Turkey, 22 October 2009 - 24 October 2001
- XXVII. Tüzel Kişilik Bilgi Sistemleri ve Şirket İşlemlerinin Online Yapılması Avruğa Birliği Uygulamaları ve Türkiye Perspektifi**
MEDENİ İ. T. , MEDENİ T. D. , canlı m., balcı a.
1. Ulusal Yönetimve Ekonomi Konferansı, İzmir, Turkey, 11 - 12 September 2008
- XXVIII. Bilgi Güvenliği Yönetim Sistemi ve ISO 27001**
MEDENİ İ. T. , MEDENİ T. D.
Türkiye Bilişim Derneği Bilişim 2008, Turkey, 21 - 22 November 2008
- XXIX. Gelecekte Birlikte Çalışabilirlik İçin Yetkilendirme Sistemi Önerisi**
MEDENİ İ. T.
Ulusal e-Devlet Konferansı, Ankara, Turkey, 4 - 05 November 2008
- XXX. Kurumsal Bilgi Güvenliği Politikası**
MEDENİ İ. T.
Ulusal e-Devlet Konferansı, Turkey, 4 - 05 November 2008
- XXXI. Content Management System for E Government Gateway Project in Turkey Managing Knowledge Or Information This is the Question**
DALBAY Ö., balcı a., kumaş e., MEDENİ İ. T. , MEDENİ T. D.
First International Conference on Social Sciences Organized by Social Sciences Research Society, İzmir, Turkey, 21 - 22 August 2008
- XXXII. An Expert System Implementation for Revealing the Knowledge of Antropology**
MEDENİ İ. T. , TOLUN E. F. , MEDENİ T. D.

- The First International Joint Conference on Knowledge Science, Ishikawa, Japan, 5 - 07 November 2007
- XXXIII. **Kurumlar Arasındaki Alan Kesiştirici İşbirliđi İlişkisi İçin Kerberos Güvenlik Sistemi Geliştirme**
zrelli s., MEDENİ T. D. , shinoda y., MEDENİ İ. T.
Ulusal Elektronik Elektronikmza Sempozyumu, Ankara, Turkey, 7 - 08 December 2006
- XXXIV. **Lobal Tourisim in a Global World**
MEDENİ T. D. , MEDENİ İ. T.
EuroChrie Congress 2004 Global Issues and Trends in The Hospitality and Tourism Industries, Ankara, Turkey, 3 - 07 November 2004
- XXXV. **An Experience Based Tacit Explicit Knowledge Interaction Model of Action and Learning**
MEDENİ T. D. , MEDENİ İ. T.
New Information Technologies in Education, NITE 2004, İzmir, Turkey, 20 - 22 October 2004, pp.58-68

Episodes in the Encyclopedia

- I. **Encyclopedia of Information Science and Technology Third Edition**
Güçlü N., BİLGEN S., MEDENİ T. D. , ALIR G., MEDENİ İ. T.
IGI Global, pp., 2015
- II. **Encyclopedia of Communities of Practice in Information and Knowledge Management**
MEDENİ T. D. , MEDENİ İ. T.
idea Group, pp.580-582, 2006

Supported Projects

- MEDENİ İ. T. , Project Supported by Higher Education Institutions, MADEA2018, 2018 - 2018
- MEDENİ İ. T. , Project Supported by Higher Education Institutions, INTCEES 2016, 2016 - 2016