

EK-6

ÖZGEÇMİŞ

1. **Adı Soyadı:** Atilla Elçi
2. **Doğum Tarihi:** 05.07.1945
3. **Unvanı:** Prof. Dr.
4. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik Mühendisliği	Orta Doğu Teknik Üniversitesi	1970
Y. Lisans	Bilgisayar Bilimleri	Purdue Üniversitesi	1973
Doktora	Bilgisayar Mühendisliği	Purdue Üniversitesi	1975

5. **Akademik Unvanlar:**

Doktor Öğretim Üyesi Tarihi: 1978-1983
Doçentlik Tarihi : 1983-1985
Profesörlük Tarihi: 2010 -

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1. Yüksek Lisans Tezleri:

- a. AI-RAWY, Mahmoud: Digital Voting System Based On Blockchain Technology. Electrical-Electronics and Computer Engineering, Aksaray University, December 2018.
- b. AYOUBI, Afrah: Modification of Image Denoising Algorithm with Wavelet Transformation. Electrical-Electronics and Computer Engineering, Aksaray University, June 2017.
- c. BALOUCHIAN, Pooyan: Semantic Data Portability across Social Networks. Computer Engineering Dept., Eastern Mediterranean University, September 2009.
- d. MEHRULHASSANI, Moein: Developing Ontology-Based Applications of Semantic Web Using UML to OWL Conversion. Computer Engineering Dept., Eastern Mediterranean University, July 2008.
- e. BAHREINI, Kiavash: Semantic Web mining using Agents in Enterprise Architecture, Computer Engineering Dept., Eastern Mediterranean University, June 2008.
- f. TEKOL, Yüce: Site Insight: Sharing Web Users' History. Computer Engineering Dept., Eastern Mediterranean University, June 2007.
- g. KAZI, M. Adil Amin: Enterprise Resource Planning System Implementation as PTCL's Competitive Edge in Telecom Services Business Industry in Pakistan, MBA Programme at Commonwealth Of Learning, Allama Iqbal Open University, Islamabad, Pakistan. March 2007.
- h. OLGU, Gizem: Integrating Disparate Ontologies through Semantically Parsing Multiword Elements. Computer Engineering Dept., Eastern Mediterranean University, February 2006.
- i. GAYDE, Erhan: TRNC Tourism Information System using Semantic Web Technologies. Computer Engineering Dept., Eastern Mediterranean University, September 2006.
- j. ÇELİK, Duygu: Searching for Semantic Web Services: An Intelligent Approach using Semantic Enhancement of Client Input Terms and Matchmaker Algorithm, Computer Engineering Dept., Eastern Mediterranean University, September 2005.
- k. İBIŞ (ARIFOĞLU), Ali: Genel Amaçlı bir Simge Cetveli Paketi, ODTÜ, 1982.

- I. ÖZGEÇEN, Ethem, Birleştirici Dilinde Yapısal Programlama için bir Makro Yordamlığı, ODTÜ, 1982.
- m. ÖZGİT, Atilla, Ada Programlama Destek Ortamı için bir Giriş / Çıkış Yazılım Paketi, ODTÜ, 1982.
- n. SAGAY, Zeki, Bir Özdevimli Özet Çıkarma Yöntemi, ODTÜ, 1981.
- o. KARA, Yıldırım, Bordro Programlama Dili, ODTÜ, 1981.
- p. ZAMBAKOĞLU, Ali, Kentiçi Trafığı Benzetim Paketi, ODTÜ, 1981.
- q. SARIKAYA, Behçet, FORTRAN Ödev Programlarının Benzerliği, ODTÜ, 1978.

6.2. Doktora Tezleri:

- a. ÇELİK, Duygu: Towards a Semantic based Workflow Model for Composition of OWL-S based Atomic Processes. Computer Engineering Dept., Eastern Mediterranean University, September 2010.
- b. RAHNAMA, Behnam: Extended Open World Assumption as Core for Reasoning in Collaborative Problem Solving on Multiple Autonomous Semantic Robots. Computer Engineering Dept., Eastern Mediterranean University, December 2009.
- c. ZAFAR, Irfan: Evolution of Internet in Pakistan and its Role in the Country's Development, Preston Institute of Management, Science & Technology, Karachi, Pakistan. January 2003.

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

1. Duygu Çelik and Atilla Elçi (in print). A Survey on Semanticized and Personalized Health Recommender Systems. Expert Systems: The Journal of Knowledge Engineering, Wiley.
2. Atilla Elçi and Duygu Çelik (in print). The special issue on "Disease Classification for Smart Health", in the general topic area of "e-Health and Staying Smarter". Expert Systems: The Journal of Knowledge Engineering, Wiley.
3. Atilla Elçi and Duygu Çelik (in print). The special issue on "Ontology-Based Smart Medical Solutions", in the general topic area of "e-Health and Staying Smarter", Expert Systems: The Journal of Knowledge Engineering, Wiley.
4. Orgun, M., Elçi, A., Pieprzyk, J., & Chefranov, A., Shankaran, R., Wang, H. (eds., 2015): Editorial: Special Issue on Trust and Security in Wireless Sensor Networks. Concurrency and Computation: Practice and Experience (Wiley, SCI-E)(Published online in Wiley Online Library (wileyonlinelibrary.com). DOI: 10.1002/cpe.3497). ISSN: 1532-0626.
5. Duygu Çelik and Atilla Elçi (March 2014). Semantic composition of business processes using Armstrong's Axioms. *The Knowledge Engineering Review*, Vol. 29:2, 248–264. Cambridge University Press, 2014. doi:10.1017/S0269888914000083. (SCI). ISSN: 0269-8889
6. Xiaoying Bai, Atilla Elçi, Mohammad Zulkernine (2014): Special issue on "Trustworthy Software Systems for the Digital Society", *Journal of Systems and Software* (Impact Factor: 1.14). Vol 89 /1, 01/2014. ISSN: 0164-1212 Pp: 1-98. doi:10.1016/j.jss.2013.12.041 SCI-E.
7. Duygu ÇELİK, Atilla ELÇİ, Necati İNAN, Eray ELVERİCİ, Alev ELÇİ (Feb. 2014): Web Ontoloji Dili (OWL) Yoluyula Gelişimsel Bozukluğu Olan Bireylere Yönelik Eğitsel Etkinlik Keşif Sistemi (Educational Activity Discovery System for Individuals with Pervasive Developmental Disorders

through Web Ontology Language (OWL)). *Eğitim ve Bilim (Education and Science)*, 2014, Vol. 39, No 171. Pp:52-73. ISSN: 1300-1337. SSCI

8. Duygu ÇELİK, Atilla ELÇİ (2013): A broker-based semantic agent for discovering Semantic Web services through process similarity matching and equivalence considering quality of service. *Science China Information Sciences* Volume 56 Issue 1 pp:012102:1–012102:24. Jan. 2013. ISSN: 1674-733X (Print) 1869-1919 (Online) (SCI). <http://link.springer.com/article/10.1007/s11432-012-4697-1>
9. Elçi, A., Pieprzyk, J., Orgun, M., & Chefranov, A. (eds., Nov. 2012): Editorial: Special Issue on The Design and Engineering of Cryptographic Solutions for Secure Information Systems. *Security and Communication Networks Journal* (Wiley, SCI-E), Volume 7, Issue 1, pp: 33-156 (Wiley, SCI-E, ISSN: 1532-0626). Article first published online: 8 NOV 2012, DOI: 10.1002/sec.646. Issue published online: 27 Dec 2013.
10. Duygu Çelik and Atilla Elçi (Jan. 2011). Towards a semantic-based workflow model to composition of OWL-S based atomic processes through process similarity matching and inferencing techniques. *Journal of Internet Technology* Volume 12 (2011) No.1, pp: 153-170. ISSN: 1607-9264, Published by: Taiwan Academic Network Executive Committee. (SCI-E)
11. Atilla Elçi, Mamadou Kone, and Mehmet Orgun (Guest Editors, Nov. 2011): Special Issue on ESAS (Engineering Semantic Agent Systems) comprising of 3 papers and Editors introduction. In *Expert Systems: The Journal of Knowledge Engineering*, ISSN: 0266-4720, Wiley/Blackwell. V:28, I: 5, Pp: 410-487. (SCI-E journal;).
12. Atilla Elci, Behnam Rahnama, and Amirhasan Amintabar (May 2010): Tracking Reported Vehicles in Traffic Management and Information System using Intelligent Junctions. In *Special Issue on Vehicular Wireless Networks and Vehicular Intelligent Transportation Systems*, *Journal of Information Science and Engineering*, V.26, N.3, May 2010, pp: 883-896. ISSN: 1016-2364. (SCI-E).

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Omar Younis Abdulhameed and Atilla Elci. Hiding Secret Information in an Image Using Crow Search Algorithm. Submitted.
2. Narayanasamy, S., Muruganatham. D. & Elçi, A. (2019). Crisis and disaster situations on social media streams: An ontology-based knowledge harvesting approach. *Interdisciplinary Journal of Information, Knowledge, and Management*, 14, 343-366.
3. Koyuncu, E. and Elçi, A. (2018). İlçe belediye çalışanlarının örgütsel bağlılık düzeyleri: Aksaray ili örneği (organizational loyalty levels of district municipal employees: Aksaray sample). *International Journal of Entrepreneurship & Management Inquiries (EMI)*, 2 (2), 64-73. Retrieved from
4. Alev Elçi, Vural Merve, & Atilla Elçi (2017). Changing Role of Faculty Members in Technology Enhanced Learning Environments: Faculty Members 4.0. *TOJET Turkish Online Journal of Educational Technology*, Special issues for ITEC 20171009, December 2017. pp: 1004-9.
5. A. Elci, S. Bakshi, M.N. Sahoo, Editorial: Special issue on “Resilient networks: Modeling, design, and applications”, *Digital Communications and Networks* (2017), doi: 10.1016/j.dcan.2017.10.003.
6. Afrah Ramadhan, Firas Mahmood, Atilla Elci (Feb. 2017). Image denoising by median filter in wavelet domain. *The International Journal of Multimedia & Its Applications (IJMA)* Vol.9, No.1, pp: 31-40, February 2017. ISSN: 0975 – 5934, e-ISSN :0975 – 5578, DOI: 10.5121/ijma.2017.9104. <http://airconline.com/ijma/V9N1/9117ijma04.pdf>. <http://arxiv.org/abs/1703.06499>
7. Aissa FELLAH, Mimoun MALKI and Atilla ELÇİ (2016). A Similarity Measure across Ontologies for Web Services Discovery. *International Journal of Information Technology and Web Engineering*, Volume 11 • Issue 1 • January-March 2016, ISSN:1554-1045. pp: 22-43. DOI: 10.4018/IJITWE.2016010102. ESCI.

8. Aissa FELLAH, Mimoun MALKI and Atilla ELÇİ (2016). Web Services Matchmaking Based on a Partial Ontology Alignment. *International Journal of Information Technology and Computer Science (IJITCS)*, Vol. 8, No. 6, June 2016, PP.9-20. ISSN: 2074-9007 (Print), ISSN: 2074-9015 (Online), MECS Publisher. DOI: 10.5815/ijitcs.2016.06.02. p: 9-20
9. Atilla Elçi, Oleg Borisovich Makarevich, Manoj S. Gaur, and Mehmet A. Orgun (2016). Special Issue on Security of Information and Networks. *International Journal of Information Security and Privacy*. Volume 10 • Issue 3 • July-September-2016 • ISSN: 1930-1650 • eISSN: 1930-1669. IGI Global. Pp: iv-vi, 1-86
10. Atilla Elçi, Mehmet A. Orgun, Alexander Chefranov, Manoj Singh Gaur (eds. 2015). Editorial: Special issue on security of information and networks. *Journal of Information Security and Applications*, Volume 22, June 2015, Pages 1-122. ISSN: 2214-2126. Elsevier. DOI: [10.1016/j.jisa.2015.06.002](https://doi.org/10.1016/j.jisa.2015.06.002)
11. Elçi, A., Pieprzyk, J., Orgun, M., & Chefranov, A., Shankaran, R. (eds., 2013): Special Issue on Next Generation Network Architectures, Protocols, Theory, Systems and Applications. *Networking Science* (by Springer-Verlag). Volume 2, Issue 3-4, July 2013. ISSN: 2076-0310. Pp: 67-134.
12. Atilla Elci (2011). Text Classification by PNN-based Term Re-weighting. *International Journal of Computer Applications* 29(12):7-13, September 2011. Published by Foundation of Computer Science, New York, USA. 10.5120/3701-5188. ISSN: 0975 – 8887. Indexed: ProQuest, EBSCO, ScientificCommons.
13. A. Elçi, M. Kone, T. Dillon (guest editors, Aug. 2008): Multiagent and Grid Systems Journal (MAGS) Special Section on Engineering Semantic Agent Systems, Volume 4, Number 3, 2008, pp: 293-346. Includes a 2-page editorial and three research papers. Pp: 245-346. ISSN: 1574-1702
14. D. Çelik and A. Elçi (2008): Ontology-based QoS Model for Appropriate Selection and Composition of Web Services. *International Review on Computers and Software*, Praise Worthy Prize S.r.l. - March 2008, Vol. 3, No. 2, pp: 176-184. ISSN:1828-6003.
15. D. Çelik and A. Elci (2008). Provision of Semantic Web Services through an Intelligent Semantic Web Service Finder. In *Multiagent and Grid Systems - An International Journal*, Volume 4, Number 3, March 2008, pp: 315-334. ISSN: 1574-1702. DOI: 10.3233/MGS-2008-4306
16. Zafer Erenel, Selahattin Kuru, and Atilla Elçi (2008): Performance of Static Agent Architecture using Centralized Matchmaking. In *Sinoeuropean Engineering Research Forum Journal*. ISSN: 1757-4307, Vol. 1, July 2008, pp. 17-22. (doi: sai: serf.2008.07.033)
17. Atilla Elçi (July 2005), "A Metadata for E-Learning Coordination through Semantic Web Languages", *The Turkish Online Journal of Educational Technology – TOJET Journal*, ISSN: 1303-6521, Volume 4, Issue 3, Article 3. Pp: 12-17.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. Al-Rawy M., Elci A. (2019): A Design for Blockchain-Based Digital Voting System. In: Antipova T., Rocha A. (eds) *Digital Science. DSIC 2018: 32nd International Symposium on Distributed Computing. Advances in Intelligent Systems and Computing*, vol 850. Springer, Cham. Pp: 397-407, DOI: 10.13140/RG.2.2.28347.67360.
2. O. Tacyildiz, D. C. Ertugrul, Y. Bitirim, N. Akcan and A. Elci, "Ontology-Based Obesity Tracking System for Children and Adolescents," *proc. 2018 IEEE 42nd Annual Computer Software and Applications Conference (COMPSAC)*, Tokyo, Japan, 2018, pp. 329-334. doi:10.1109/COMPSAC.2018.10252
3. Koyuncu, E. and Elçi, A. (2018): Organizational Loyalty Levels of District Municipal Employees: Aksaray Sample (in Turkish: İlçe Belediye Çalışanlarının Örgütsel Bağlılık Düzeyleri: Aksaray İli Örneği). In *Proc. Uluslararası EMI Sosyal Bilimler Kongresi*, 27-29 April 2018, Lefkoşa, TRNC.

4. Alev Elçi, Merve Vural, Atilla Elçi (2017). Changing Role of Faculty Members in Technology Enhanced Learning Environments: Faculty Members 4.0. In proc. International Educational Technology Conference, 16-18 August 2017, Harvard University Campus, Cambridge, MA, USA. (See 7.1.16)
5. Koyuncu, E. and Elçi, A. (2017): İlçe Belediye Çalışanlarının Örgütsel Bağlılık ile İştatmini Arasındaki İlişkinin Belirlenmesine Yönelik Bir Araştırma: Aksaray Örneği (in English: A Survey Aimed at Determining Relation Between Organizational Commitment and Job Satisfaction of District Municipality Workers: Aksaray Context). In proc. Mediterranean International Conference on Social Sciences (ed. Recai Aydın), 19-22 May 2017, University of Donja Gorica, Podgorica, Montenegro. Pp: 332-342.
6. Duygu Çelik Ertugrul, Atilla Elçi, Yiltan Bitirim (2017). An Intelligent Tracking System: Application to Acute Respiratory Tract Infection (TrackARTI). In Proc. IEEE ESAS 2017: The 12th IEEE International Workshop on E-Health Systems and Semantic Web, in conjunction with 2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC), Year: 2017, Volume: 02, Pages: 137 - 142. DOI: 10.1109/COMPSAC.2017.58.
7. Duygu Çelik Ertuğrul, Hakan Kanmaz, Mehmet Uğur Yüksel, Atilla Elçi, Mehmet Ertuğrul, Fetal Heart Rate Monitoring System (FHRMS), IEEE ESAS 2016: The 11th IEEE International Workshop on E-Health Systems and Semantic Web Held in conjunction with COMPSAC, IEEE 40th Annual Computer Software and Applications Conference (COMPSAC), 10–14 June, 2016, Atlanta, USA. Volume: 2, Pages: 65 - 70, DOI: 10.1109/COMPSAC.2016.116.
8. Mehmet Akif Çifçi, Duygu Çelik Ertuğrul, Atilla Elçi, A Search Service for Food Consumption Mobile Applications via Hadoop and MapReduce Technology, IEEE ESAS 2016: The 11th IEEE International Workshop on E-Health Systems and Semantic Web Held in conjunction with COMPSAC, IEEE 40th Annual Computer Software and Applications Conference (COMPSAC), 10–14 June, 2016, Atlanta, USA.
9. Koyuncu, E. and Elçi, A. (2016): Yunus ve Taptuk Emre. In Proc. (eds. Mehmet Sami YILDIZ, Ayşegül CAN, Mehmet ÖZKAYA, and Vildan ARMAĞAN) I. Uluslararası Aksaray Sempozyumu (Tarih, Kültür, Din, Medeniyet), 27-29.10.2016, Aksaray, TR. Pp: 1064-1068. ISBN 978-605-88368-2-2, Aralık 2016.
10. Elci, A. (2015). (Invited Talk) Generating a Standardized Upper Ontology for Security of Information and Networks. Proc. ICC3- Computational Intelligence, Cyber Security and Computational Models, 17-19 December 2015, PSG College of Technology, Coimbatore – 641004, India. Springer. ISBN 9789811002502. <http://www.psgtech.edu/icc3-2015/>
11. Elçi, A. (2014): (Keynote Talk & paper) Isn't the time ripe for a standard ontology on security of information and networks? In Proc. SIN 2014 Security of Information and Networks, Proc. of the Seventh International Conference on Security of Information and Networks (SIN 2014; eds.: Poet, R., Elci, A., Gaur, M.S., Orgun, M.A. and Makarevich, O.), 9-11 September 2014, Glasgow, UK. Published by ACM, ISBN 978-1-4503-3033-6. Pp:1-3. doi>10.1145/2659651.2664291;
12. Rajamanickam, N., Nadarajan, R. and Elçi, A. (2014). Formal Verification of Finite State Transactional Security Policy. In Proc. The 8th International Conference on Network and System Security (NSS 2014; eds.: Man Ho Au, Barbara Carminati, C.-C. Jay Kuo), 15-17 October 2014, Xian, China. Springer *Lecture Notes in Computer Science* 8792, Springer 2014, ISBN 978-3-319-11697-6. Pp: 363-376.
13. Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Bora Gökçe, Pelin Hürcan (2014). Mobile Pediatric Consultation and Monitoring System through Semantic Web Technology. In Proc. 38th Annual

- International Computers, Software and Applications Conference ESAS '14, pp. 354-359. DOI 10.1109/COMPSACW.2014.61
14. Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Bora Gökçe, Pelin Hürçan (2014). A Safety Food Consumption Mobile System through Semantic Web Technology. In Proc. 38th Annual International Computers, Software and Applications Conference ESAS '14, 21–25 July, 2014. pp.348-353. DOI 10.1109/COMPSACW.2014.126
 15. Behnam Rahnama, Makbule Canan Özdemir, Yunus Kıran, Atilla Elçi (2013): Design and Implementation of a Novel Weighted Shortest Path Algorithm for Maze Solving Robots. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II. ISBN 978-0-7695-4987-3. DOI 10.1109/COMPSACW.2013.49. pp: 328-332. <http://ieeexplore.ieee.org/document/6605811/>
 16. Duygu Çelik, Aşkın Karakaş, Gülşen Bal, Cem Gültunca, Atilla Elçi, Başak Buluz, Murat Can Alevli (2013): Towards an Information Extraction System based on Ontology to Match Résumés and Jobs. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II. ISBN 978-0-7695-4987-3. DOI 10.1109/COMPSACW.2013.60. pp: 333-338.
 17. Çelik, D., Elçi, A., Orgun, M.A., Rahnama, B. & Uunland, R. (2013): Message from the Workshop Organizers. In Proc. the 8th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with 37th COMPSAC 2013, the IEEE Signature Conference on Computers, Software, and Applications, Kyoto, Japan, July 22-26. IEEE Computer Society, Volume II. ISBN 978-0-7695-4987-3. DOI: 10.1109/COMPSACW.2013.139. pp: xxxii-xxxiii.
 18. Alev ELÇİ, Atilla ELÇİ (2013): Considering on Technology Enhanced Professional Development Models for STEM-Focused Pre-Service Teacher Educators. In Proc. (eds. Cojocar-Borozan Maia, Sadovei Larisa, Zagaievschi Corina, Ilaşcu Yurie, Turcak Lilia, & Nigai Olga) Teachers Professional Culture: Current Requirements, International Scientific Symposium, Chisinau, Republic of Moldova, 16-17 May 2013. pp:260-2. ISBN: 978-9975-46-149-8.
 19. Rahnama, Behnam, Elçi, Atilla, Özerdem, Cankat: Design and Implementation of Cooperative Labyrinth Discovery Algorithms in Multi-Agent Environment. The International Conference on Technological Advances in Electrical, Electronics and Computer Engineering (TAEECE2013) Mevlana University, Konya, Turkey, May 9-11, 2013. Pp:573-578. ISBN: 9781467356121. DOI: 10.1109/TAEECE.2013.6557338
 20. Duygu ÇELİK, Atilla ELÇİ (2012). An ontology-based information extraction approach for Résumés. Proc. ICPCA7/SWS4 Pervasive Computing and the Networked World, 28-30 November 2012, Istanbul Aydın University, Istanbul, Turkey. LNCS volume 7719 **Chapter**, Pervasive Computing and the Networked World (Eds. Qiaohong Zu, Bo Hu, Atilla Elçi) in the series Lecture Notes in Computer Science pp 165-179. DOI: 10.1007/978-3-642-37015-1_14. ISBN: 978-3-642-37014-4. Published 2013.
 21. Behnam Rahnama, Atilla Elçi, Ibukun Eweoya (2012): Fine tuning the advanced encryption standard (AES). In Proc. Manoj Singh Gaur, Atilla Elçi, Oleg B. Makarevich, Mehmet A. Orgun, Virendra Singh (Eds.): Proc. 5th International Conference of Security of Information and Networks, SIN '12, Jaipur, India, October 22 - 26, 2012. ACM 2012, ISBN 978-1-4503-1668-2. DOI: 10.1145/2388576.2388609. Pp.205-209
 22. Duygu ÇELİK, Atilla ELÇİ, Esra ÇALIK, Ayman Khalil (2012): Development of Semantic Model and Information Exploration System for TV Media. In Proc. the 7th IEEE International Workshop on

- Engineering Semantic Agent Systems, held in conjunction with COMPSAC 2012, the IEEE Signature Conference on Computers, Software, and Applications, Izmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Secoleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume II. Pages: 637 – 642. ISBN 978-0-7695-4736-7. DOI: 10.1109/COMPSACW.2012.115.
23. Duygu ÇELİK, Atilla ELÇİ, Eray Elverici, Necati İnan (2012): Educational Activity Finder for Children with Pervasive Developmental Disorder through a Semantic Search System. In Proc. the Industrial Track, the 36th IEEE Signature Conference on Computers, Software, and Applications, İzmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Secoleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume I. ISBN 978-0-7695-4736-7. Pages: 482 - 487, DOI: 10.1109/COMPSAC.2012.84
 24. Behnam RAHNAMA, Atilla ELÇİ, Shadi METANI (2012): An Image Processing Approach to Solve Labyrinth Discovery Robotics Problem. In Proc. the 7th IEEE International Workshop on Engineering Semantic Agent Systems, held in conjunction with COMPSAC 2012, the IEEE Signature Conference on Computers, Software, and Applications, İzmir, Turkey, July 16-20. Xiaoying Bai, Fevzi Belli, Elisa Bertino, Carl K. Chang, Atilla Elçi, Cristina Secoleanu, Haihua Xie, and Mohammad Zulkernine (eds, 2012). IEEE Computer Society, Volume II. ISBN 978-0-7695-4736-7. Pp: 631-636. DOI: 10.1109/COMPSACW.2012.114
 25. Atilla Elçi, Behnam Rahnama, & Makvandi, Reza (2011): Microcontroller-Based Implementation of ParseKey+ for Limited Resources Embedded Applications. In Proc. Fourth International Conference on Security of Information and Networks (SIN 2011), Sydney, Avustralya, 14-19 Kasım 2011, ACM Press, ISBN: 978-1-4503-1020-8. pp: 259-262.
 26. Duygu Çelik, Atilla Elçi, Eray Elverici (2011): Finding Suitable Course Material through a Semantic Search Agent for Learning Management Systems of Distance Education. Proc. 6th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS 2011) in conjunction with the 35th Computer Software and Applications Conference (COMPSAC 2011), Munich, Germany, July 18 - 22, 2011. ISBN: 978-0-7695-4459-5/11. Pp: 386-391. DOI: 10.1109/COMPSACW.2011.71.
 27. Elçi, A. & Rahnama, B. (2011): Hibrit Bilgi-Kuramsal İşleçler Eliyle Kararlı Usavurmaya Doğru (In Turkish; Towards Decidable Reasoning through Hybrid Auto-Epistemic Operators). In Proceeding (ed. Haluk Güneş) 4. Engineering and Technology Symposium, Çankaya Üniversitesi, Ankara, 28-29 April 2011, ISBN: 978-975-6734-09-4, 383-391. (Invited paper).
 28. Atilla Elçi, Behnam Rahnama, Ramin Bakhshi, Hamid Mir-Mohammad Sadeghi (2011): A Novel and Simple-to-Implement Friend and Foe Identification System in Multi-Robot Battlefield. In Proc. International Joint Robotics Symposium (IJRCS 2009), 20-24 May 2009. SDU International Journal of Technological Sciences, V.3, N.1 (2011), e-ISSN: 1309-1220. pp: 23-36.
 29. Behnam Rahnama, Atilla Elçi, Hamid Mir-Mohammad Sadeghi, Ramin Bakhshi (2010): Semantic Intelligent Decision Maker Self Localizing Client CLDR. In Proc. of The 6th International Symposium on Electrical and Electronics Engineering and Computer Systems (EEEECS'10), European University of Lefke, Gemikonağı, Northern Cyprus, pp. 67-71.
 30. Rahnama, B., Elçi, A., Celik, S. (2010): Securing RFID-based Authentication Systems Using ParseKey+, Security of Information and Networks, Proc. Third International Conference on Security of Information and Networks (SIN 2010), 7-11 October 2010, Taganrog, Rostov, Russia; (Oleg Makarevich, Atilla Elçi, Lyudmila Babenko, & Maxim Anikeev (eds.)). ACM Press, 2010, ISBN: 978-1-4503-0400-9. Pages 212-217.
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2. D. Çelik and A. Elçi (2011): "OWL-S Tabanlı Atomik Süreçlerin Birleşimi Üzerine Semantik Tabanlı İş Akışı Modeli", *Çankaya University Journal of Science and Engineering* (Ed. Yahya Kemal Baykal), Çankaya Üniversitesi, Ankara, Turkey. V:8, Issue: 1, pp: 75-98. ISSN: 1309 – 6788.
3. D. Çelik and A. Elçi: "Akıllı Anlamsal Ağ Servisi Arayıcısı", *Turkish Informatics Foundation Journal of Computer Science and Engineering (TBV BBMD)*, December 2006, issue no: 2, pp. 31-42, TBV, Istanbul, ISSN: 1305-8991.
4. ELÇİ, Atilla: *AB 6. Çerçeve Programı Türk Bilişim Kesiminin Katılımı*, TBD Bilişim Kültürü Dergisi, Aralık 2002, sayı: 84. (Aşağıdaki 3. ve 4. yayınların günlenmiş halidir.)

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6. ELÇİ, Atilla: *AB 6. Çerçeve Programı ve Türkiye Bilişim Kesimi*, TBD Bilişim Kültürü Dergisi, Mart 2002, sayı: 81, sayfa: 19-21.
7. ELÇİ, Atilla: *eAvrupa+ Girişimi: Türk Bilişim Kesimine Getirdiği Fırsatlar*, TBD Bilişim Kültürü Dergisi, Aralık 2001, sayı: 80, sayfa: 11-15.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildirimler

1. Koyuncu, E. and Elçi, A. (2015): Job Satisfaction Level of County Municipal Employees: Aksaray Sample (in Turkish: İlçe Belediye Çalışanlarının İş Tatmin Düzeyleri: Aksaray İli Örneği). In Proc. II. Yükseköğretim Stratejileri ve Kurumsal İşbirliği Sempozyumu 2015, 22-24 October, Mersin, Turkey.
2. Baş, Ü., Eser, F., Rençber, Ö., and Elçi, A. (2015): A Qualitative Study of Innovation Competency towards Competitive Advantages of Three Firms in Health, Environment and Furniture Sectors (in Turkish: Sağlık, Çevre ve Mobilya Sektöründe Faaliyet Gösteren Üç Firmanın Rekabetçi Üstünlükler Açısından Yenilikçi Yeterliklerinin Belirlenmesine Yönelik Niteliksel bir Çalışma). In Proc. Management National Congress (14. Ulusal İşletme Kongresi) 2015, 7-9 May 2015, Aksaray, Turkey. ISBN :978-605-9831-01-7 (ed. Karadal, H.) Konya: Eğitim yayınevi. S.: 1006-1012.
3. Koyuncu, E. and Elçi, A. (2015): A Study on Determining Burnout Level of Shift Workers (Aksaray Example) (in Turkish: Vardiyalı Çalışanların Tükenmişlik Düzeylerinin Belirlenmesine Yönelik bir Araştırma (Aksaray Örneği)). In Proc. Management National Congress (14. Ulusal İşletme Kongresi) 2015, 7-9 May 2015, Aksaray, Turkey. ISBN :978-605-9831-01-7 (ed. Karadal, H.) Konya: Eğitim yayınevi. S.: 273-280.
4. Elçi, A., Tolun, M.R., Akgün, Ö., Sarı, F., and Uzun, Y. (2014): Elektrik, Elektronik ve Bilgisayar Alanlarında Üniversite-Sanayi Etkileşimi İçin Öneriler - Aksaray Bağlamı. UNIKOP'14, 2. Bölgesel Kalkınma Sempozyumu, 24 October 2014, Niğde University. Bildiriler Kitabı.
5. Elçi, A., Tolun, M.R., Akgün, Ö., Sarı, F., and Uzun, Y. (2014): Elektrik, Elektronik ve Bilgisayar Alanlarında Üniversite-Sanayi Etkileşimi İçin Öneriler - Aksaray Bağlamı. UNIKOP'14, 2. Bölgesel Kalkınma Sempozyumu, 24 October 2014, Niğde University. Özet Kitabı. Çağrılı Sunuş
6. Pembe Gül Altan, Alev Elçi and Atilla Elçi (2014). Avukatların Yönetim Bilişim Sistemleri ve UYAP kullanımı: Aksaray İli Örneği. Yönetim Bilişim Sistemleri Kongresi (YBS 2014), 16-17 Ekim 2014, Boğaziçi Üniversitesi, İstanbul. Özet Kitabı. <http://www.mis.boun.edu.tr/kutlu/ybs2014/ozetler.htm#O119>
7. Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Esra Ekren and Pelin Hürcan (2014). Semantik Web Teknoloji Yoluyla Mobil Pediatrik Danışma ve Hasta İzleme Sistemi. Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'14, 25-27 September 2014, Kapadokya, Turkey.
8. Duygu Çelik, Atilla Elçi, Rıdvan Akçiçek, Esra Ekren and Pelin Hürcan (2014). Semantik Web Teknolojileri ile Güvenli Gıda Tüketimi Mobil Sistemi. Tıp Teknolojileri Ulusal Kongresi, TIPTEKNO'14, 25-27 September 2014, Kapadokya, Turkey.
9. Erol Koyuncu and Atilla Elçi (2014). Vardiyalı Çalışanların Tükenmişlik Düzeylerinin Belirlenmesine Yönelik Bir Araştırma (Aksaray Örneği). 9. Ulusal Eğitim Yönetimi Kongresi, 8-10 Mayıs 2014, Siirt Üniversitesi, Siirt. <http://www.siirt.edu.tr/eyk9/kabuledilenbildiriler.aspx>
10. Çelik, Duygu, Elçi, Atilla, and Çalık, Esra (2012): TV Medyası/Ortamı İçin Anlamsal Veri Modeli ve Bilgi Keşif Sisteminin Geliştirilmesi, 5. Mühendislik ve Teknoloji Sempozyumu (MTS5 2012), Çankaya Üniversitesi, Ankara, Turkey, April 26-27, 2012. Bildiriler kitabı, S: 134-140.

11. Elçi, A. and Rahnama, B.: Hibrit Bilgi-Kuramsal İşleçler Eliyle Kararlı Usavurmaya Doğru. 4. Mühendislik ve Teknoloji Sempozyumu (MTS4 2011), Çankaya Üniversitesi, Ankara, Türkiye, Nisan 28-29, 2011. (Invited speech and paper). Pp: 383-391.
12. Çelik, D., Elçi, A., Elverici, E., İnan, N., and Çelik, C. (2011): "Uzaktan Eğitim Ders Yönetim Sistemi İçin Anlamsal Tabanlı Kaynak Tarama Ajanı", 4. Mühendislik ve Teknoloji Sempozyumu (MTS4 2011), Çankaya Üniversitesi, Ankara, Turkey, April 28-29, 2011.
13. D. Çelik and A. Elçi: "OWL-S Tabanlı Atomik Süreçlerin Birleşimi Üzerine Semantik Tabanlı İş Akışı Modeli", 3. Mühendislik ve Teknoloji Sempozyumu (MTS3 2010), Çankaya Üniversitesi, Ankara, Turkey, April 28-31, 2010.
14. Tekol, Yüce and Elçi, Atilla, "Site Insight: Sharing Web Users' History", Proc. Bilişim 2006- 23rd National Informatics Conference, Ankara, Turkey, 7-10 Nov. 2006, TBD Publications no: 25 (2006). ISBN: 9944-5291-1-7. pp: 66-69.
15. Elçi, A. and Rahnama, B., "Akıllı Kavşak: Trafik Yönetimiyle Kişilerin Yaşam Kalitesini Geliştirmek", Proc. Yapı ve Kentte Bilişim 4. Ulusal Kongresi: Kentte-Dönüşüm: e-Belediyecilik, e-Mühendislik ve e-Kentlilik (4th National Congress of Informatics in Built and Municipality), 8-9 June 2006, Ankara, Turkey; pp: 67-74, TBD Publications, 2006, ISBN: 9944-5291-0-9.
16. Rahnama, Behnam and Elçi, Atilla: *PARSEKEY: Güvenli kimlik belirleme hizmetinde yeni bir yaklaşım*, Ağ ve Bilgi Güvenliği Ulusal Sempozyumu, İstanbul Teknik Üniversitesi ve Elektrik Mühendisleri Odası, 9-12 Haziran 2005, İstanbul, Türkiye. Sayfalar: 108-113.
17. Elçi, Atilla: *e-Türkiye'nin Eşiği: Ortak Belge Tanımları ve XML*, Bilişim Zirvesi 2002, 5 Eylül 2002, İstanbul. (Proceedings on CD).
18. Elçi, Atilla: *AB 6. Çerçeve Programı ve Türk Bilişim Kesiminin Beklentisi*, 38. Kütüphanecilik Haftası, Kültür Bakanlığı, Ankara, 29 Mart 2002.
19. Elçi, Atilla: *E-Dönüşümde Alarm: Yönetilemeyen Büyük BT Projeleri*, Dinamikler 2003, Proje Yönetimi 5. Kongresi, İstanbul Proje Yönetimi Derneği ve Bilgi Üniversitesi, 4 Nisan 2003, İstanbul. Tutanakları yayımlandı.
20. Elçi, Atilla: *IEEE/ACM Bilişim Eğitimi Önerisi Işığında Haliç Üniversitesi Deneyimi*, Elektrik, Elektronik ve Bilgisayar Mühendisliği Eğitimi 1. Ulusal Sempozyumu, EMO, ODTÜ Bilgisayar Mühendisliği Bölümü, ODTÜ Elektrik Mühendisliği Bölümü, ODTÜ, 30 Nisan 2003, Ankara.

7.7. Diğer yayınlar

1. Alev Elçi and Atilla Elçi (2013): Chapter 3: Technology, Innovation Management and Enterprising. In *Enterprising* (Editor: Himmet Karadal), Beta Yayıncılık, İstanbul. ISBN: 978-605-377-973-5. Pp: 47-60
2. Ali Tan, Bülent Mıtiş, Erdoğan Bada, Levent Acar, Şükrü Haluk Akalın, and Zeynel Cebeci (2008): Bilgisayar Terimleri Karşılıklar Kılavuzu (Editör: Atilla Elçi, Hamza Zülfikar), Türk Dil Kurumu, Yayın No: 929, Ankara.
3. Atilla Elci and Behnam Rahnama: Towards Decidable Reasoning Using Hybrid Autoepistemic Operators. Unpublished manuscript.

7.8. Uluslararası atıflar

Web of Science:

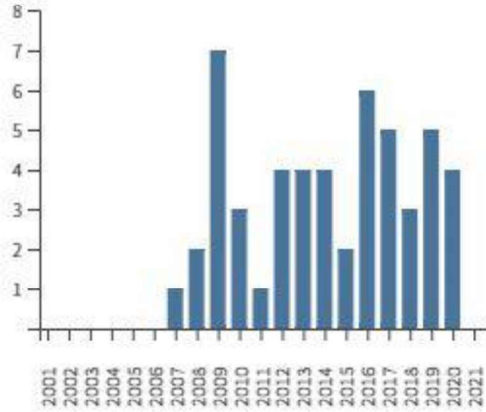
Yayın Sayısı: 45

Toplam Atıf Sayısı: 51

Ortalama Atıf: 1,13

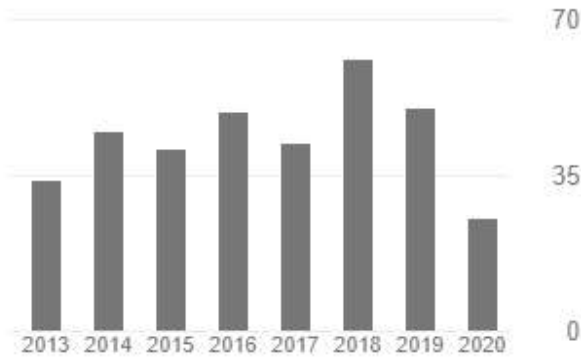
H-Index: 4

Yıllara Göre Atıf Sayısı



Google Scholar:

	Hepsi	2015 yılından bugüne
Alıntılar	573	270
h-endeksi	12	9
i10-endeksi	17	9



8. Projeler

1. An Intelligent Tracking System: application to Acute Respiratory Tract Infection (TrackARTI). Ortak Araştırma projesi TÜBİTAK ve MHESR (The Tunisian Ministry of Higher Education & Scientific Research). Başarısız.
2. Anlamsal Web teknolojisi ile "Fetal Kalp Hızı Monitörizasyon Sistemi (FKHMS) ve Mobile Entegre Doppler Cihazı (m-Doppler) Projesi" – Ekim 2014, İstanbul Aydın Üniversitesi ve Acıbadem Sağlık Grubu işbirliği ile SAN-TEZ Bilim, Sanayi ve Teknoloji Bakanlığı desteğiyle 2016 yıl içerisinde proje

tamamlanacaktır (Proje Destek Süresi: 01.01.2015-31.03.2016). Bütçe: 131.646,55 TL, Proje No: 0763.STZ.2014.

3. "Ontoloji Yordamıyla Bilinçli Gıda Tüketimi için Yapay Zeka Tabanlı Mobil Sistem Oluşturulması". TÜBİTAK 1501, Proje no:3140417, 01 Temmuz 2014-30 Eylül 2015 – Semantica İnternet ve Yazılım Hizmetleri Tic. Ltd. Şti., İstanbul Aydın Üniversitesi ve Acıbadem Sağlık Grubu. Bütçe: 526 000 TL.
4. "Alerjik Bireylere Özgü Güvenli Gıda Tüketimine Yönelik Anlam Tabanlı Akıllı Bilgi Sistemi" – Proje No: 2120357, TÜBİTAK 1512 Girişimcilik Aşamalı Destek Programı, 100.000 TL Destek alınarak ARGE çalışmaları Semantica Tic.Ltd.Şti. tarafından 2013- 2014 tarihlerinde proje başarıyla tamamlanmıştır (Proje Destek Süresi: 01.07.2013-31.06.2014).
5. TUBITAK 2223: SIN'13 düzenleme desteği.
6. TUBITAK TEYDEB proje önerisi: Otizimli Çocuklara Anlamsal tabanda Eğitimsel Faaliyet Sunan Ajan tabanlı Sistem Tasarımı. İstanbul Aydın Üniv., Süleyman Demirel Üniv., Proline Bilişim A.Ş.
7. SAN-TEZ Proje önerisi (2012): Semantic Search Agents. İstanbul Aydın Üniv., Süleyman Demirel Üniv., Huawei Turkey R&D Center. 150.000 TL. Başvuru yapıldı: 15 Mart 2012.
8. İstanbul Kalkınma Ajansı Hibe Çağrısı proje önerisi (2012): Kişiyeye Yönelik Gıda Tüketim Projesi. İstanbul Aydın Üniv., Genç Gönüllüler Derneği, Süleyman Demirel Üniv. 300.000 TL. Başvuru yapıldı: 23 Mart 2012.
9. FP7-ICT-2011-8 proje önerisi : Meta-Era: Towards Metasystems Thinking in Learning Mathematics and Science. 11 uluslararası katılımcı kuruluş; toplam bütçe: 3 383 876 €; 17 Ocak 2012. (Başarısız)
10. TUBITAK-Rusya RFBR İkili İlişkiler (2532) proje önerisi: Örgütsel Ortamlar için Çok-Düzeyleli Güvenlik-Tabanlı Toplumsal Ağ Platformu Geliştirilmesi (Development of a multi-level security-based social networking platform for organizational environments). Toplam bütçe: Türkiye tarafı 52310 €. 9 Eylül 2011. (Başarısız)
11. Provision of Semantic Web Services through an Intelligent Semantic Web Service Finder. EMU-Supported 'A' Type Project (BAP-A-07-20) together with Duygu Çelik. Budget: \$6,200; started on February 2008, for 10 months. Extended 6 months.
12. Support of SIN 2007 Conference. MEKB-07-05 TC/KKTC scientific Research Project. Supported by TRNC MEvKB, for YTL5000. April – December 2007.
13. Cooperative Labyrinth Discovery (CLD) Project ("Üniversiteler arası robotçuluk yarışması ve işliği"). Project (MEKB-05-01 TC/KKTC) with the support of "the Fund for Enhancing Scientific Activity in Higher Education by the Ministry for National Education and Culture, TRNC: 7 months, budget of 8,500 YTL, started Oct. 2005; ended 30 December 2006.
14. International Telecommunication Union (ITU, Geneva, Switzerland) Chief Technical Adviser. UNDP/ITU Pakistan Telecom Company Ltd. HQ, 1993 - 1997.
15. ITU Chief Technical Adviser. UNDP/ITU Asia-Pacific Regional Project RAS/86/165 in the Ministry of Telecommunication, People's Republic of China, at Beijing University of Posts and Telecommunication, Beijing. 1990 -1993.
16. ITU Senior Officer in Computer Applications. Ministry of Communications, Kuwait City, State of Kuwait.1989 - 1990.
17. ITU Senior Expert. Zimbabwe, Indonesia, Trinidad, Turkey, Thailand, Pakistan, India, Sri Lanka, P.R. China, and Philippines for short to intermediate term durations. 1984 - 1989.

9. İdari Görevler

1. ODTÜ Bilgi İşlem Daire Başkanlığı, Başkan Yardımcısı (1978-1981)
2. ODTÜ Bilgi İşlem Daire Başkanlığı, Başkan (1981-1983)
3. Uluslararası Telekomünikasyon Birliği, İsviçre (BM Ajansı), Geliştirme Birimi, Baş Teknik Danışman (1985-1997)
4. IT&T Bilgi Teknolojisi ve Telekomünikasyon Sanayi ve Ticaret Ltd, Genel Müdür (1997-2003)
5. Doğu Akdeniz Üniversitesi, İnternet Teknolojileri Araştırma Merkezi, Kurucu ve Yönetici (2005-2009)
6. Doğu Akdeniz Üniversitesi, Bilişim / Kampüs Otomasyonu, Rektör Koordinatörü (2008-2009)
7. Toros Üniversitesi, Bilim Enstitüsü, Kurucu ve Yönetici (2010-2011)
8. Toros Üniversitesi, Üniversite Senato ve İcra Kurulu Üyesi (2010-2011)
9. Toros Üniversitesi, Mühendislik Fakültesi, Dekan (2011 - 2011)
10. Süleyman Demirel Üniversitesi, Bilgisayar tabanlı LTE Başkanı (2011-2012)
11. Süleyman Demirel Üniversitesi, Eğitim Bilimleri Enstitüsü, Kurucu Başkan (2012-2017)
12. Aksaray Üniversitesi, Elektronik, Başkan (2012-2017)
13. Aksaray Üniversitesi, Fen Bilimleri Enstitüsü Elektrik-Elektronik ve Bilgisayar Mühendisliği, Başkan (2013-2017)

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. Association for Computing Machinery, ABD.
2. IEEE, Computer Society, Communications Society, ve Robotics Society, ABD
3. Member: IEEE SMC Society's Distributed Intelligent Systems Technical Committee ().
4. Informatics Association of Turkey
5. Linux Users Association
6. Operations Research Association of Turkey

11. Ödüller

1. Best paper award: see Al-Rawy M., Elci A. (2019) above.
2. Atilla Elçi and Behnam Rahnama (2009): Special Prize for Technical Merit for "Cooperative Labyrinth Discovery- Client Robots Project". In the competition during 2nd Intl. Joint Robotics Competition and Symposium (IJRCS 2009), 20-23 May 2009, Süleyman Demirel University, Isparta, Turkey.
3. Atilla Elçi, Behnam Rahnama, Mohamad N. Sabet Jahromi, and Reza Abrishambaf (2009): the Fourth Place for our Project on Self-Corrective Compass Cascaded Control System for AGVs. In the Project Competition, GMTGB Teknopark, 24 October 2008
4. Behnam Rahnama and Atilla Elçi (2007). "First Place" in the General Category for The CLD Robot developed by my Cooperative Labyrinth Discovery Project by 4th METU Robotics Days Competition, METU, Ankara, Turkey. 2007.
5. Behnam Rahnama and Atilla Elçi (2006). "A Special Prize for Technical Merit" for CLD Robot in the Robot Companion Design Contest. The 15th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 06), University of Hertfordshire, Hatfield, UK. 2006.
6. Full fellowship for MSc & PhD study in the USA, by Ministry of National Education, Turkey. 1972-1975.
7. Full fellowship for college study by President J. F. Kennedy Memorial Fund, Middle East Technical University, 1964 - 1970.
8. Full fellowship for middle and high schooling, Ministry of Education, Republic of Turkey. 1959 – 1964.

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2017-2018	İlkbahar				
2018-2019	Güz				
2018-2019	İlkbahar				
2019-2020	Güz				
	İlkbahar				