AKADEMİK ÖZGEÇMİŞ

1. Adı Soyadı: Kaan Uyar

2. Unvanı: Yrd. Doç. Dr.

3. Öğrenim Durumu:

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Elektrik ve Elektronik Mühendisliği	Anadolu Üniversitesi	1992
	Kamu Yönetimi	Anadolu Üniversitesi	1998
Y. Lisans	Uluslararası İlişkiler	Yakın Doğu Üniversitesi	1994
	Bilgisayar Mühendisliği	Lefke Avrupa Üniversitesi	1999
Doktora	Bilgisayar Mühendisliği	Yakın Doğu Üniversitesi	2006

4. Yüksek Lisans / Doktora Tezi

    4.1.Yüksek Lisans Tez Başlığı ve Tez Danışman(lar)ı:

    4.2. Doktora Tezi/Tıpta Uzmanlık Tezi Başlığı ve Danışman(lar)ı:

Recurrent Fuzzy Neural Network Based Modeling and Control of Batteries Charging Process, 2006. Supervisor: Prof. Dr. Rafik A. Aliev

5. Akademik Unvanlar:

    Yardımcı doçentlik tarihi: 2008

    Doçentlik tarihi:

    Profesörlük tarihi:

6. Yönetilen Yüksek Lisans ve Doktora Tezleri:

    6.1. Yüksek lisans tezleri

1. Rifat Dover, "Mobile Robot Navigation in Uncertain 3-D Environments", Near East Univ., Computer Engineering, 2010. Supervisor: Rahib H. Abiyev. Co-supervisor: Kaan Uyar

2. Macmillan Tafadzwa Nyamukondiwa, "Adaptive Learning Management System based on Learner's Prior Knowledge and Performance", Near East Univ., Information Systems Engineering, 2018.

3. Gezahegn Mulusew Delele, "Web Accessibility of the Ethiopian Governmental Websites", Near East Univ., Software Engineering, 2019. Co-supervisor: Erkut İ. İşeri

4. Alem Habtemariam Bezu, "E-government in Ethiopia", Near East Univ., Information Systems Engineering, 2019. Co-supervisor: Erkut İ. İşeri

5. Mohamed Abdullahı Mohaud Shurıe. "Web Based Repository System for Graduation Projects", Near East Univ., Software Engineering, 2021.

6.2. Doktora tezleri

1. Allam R. M. Abumwais, "High-Performance Topology, Scalable Network on-Chip for Many-Core System", Near East Univ., Computer Engineering, 2022. Supervisor: Adil Amirjanov. Co-supervisor: Kaan Uyar

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI, AHCI, ESCI, Scopus)

1. Aliev R.A., R.R. Aliev, B. Guirimov and K. Uyar, "Dynamic Data Mining Technique for Battery Charging Rules Extraction", *Applied Soft Computing*, Volume 8, Issue 3, Pages 1252-1258, June 2008. (SCI-Expanded)
DOI: 10.1016/j.asoc.2007.02.015

2. Abiyev R.H. , K. Uyar, U. Ilhan, E. Imanov and E. Abiyeva, " Estimation of Food Security Risk Level Using Z-number Based Fuzzy System", Journal of Food Quality, vol. 2018, Article ID 2760907, 9 pages, 2018. (SCI-Expanded)
DOI: 10.1155/2018/2760907.

3. Iseri E.I., K. Uyar and U. Ilhan, "Forecasting Measles in European Union by using Adaptive Neuro-Fuzzy Inference System", Cyprus Journal of Medical Sciences, Cyprus J Med Sci 2019; 4(1): 34-7, DOI: 10.5152/cjms.2019.61134. (Emerging SCI)

4. Uyar K., G.M. Delele and E.I. Iseri, "Web Accessibility of the Federal Democratic Republic of Ethiopia Governmental Websites", International Journal of Computer Science and Network Security, VOL.20 No.6, pp. 144-151, June 2020. DOI: 10.22937/IJCSNS.2020.20.06.16. (Emerging SCI)

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Uyar K., "Recurrent Fuzzy Neural Network Based Modeling and Control of Nickel Cadmium Batteries Charging", *Journal "Knowledge" ("Technical Sciences")*, 3-4, 6-16, Azerbaycan, 2005.

2. Mamedov H., K. Ali-Zade and K. Uyar, Extension of the storage battery's service life by the untraditional operated charge-discharge method, *Power Engineering*, No:1-2, pp:101-107, Azerbaycan, 2006.

3. Fahriye Altinay, Zehra Altinay, Dudu Ozkum, Mukaddes Sakalli Demirok, Nazim Burgul, Sahin Akdag, Kaan Uyar, Umran Duman, Menil Celebi, Inci Genc, Sezer Kanbul, "A Comprehensive Look into Monitoring Disability Rights: A Case of Northern part of Cyprus by Disability Rights Monitoring Committee at Near East University ", Nafath by Mada, Volume 8, Issue 23, September 2023, DOI: 10.54455/MCN2302

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Mamedov F., D. Unsalan and K. Uyar, "Distance Education Possibilities for Northern Cyprus Universities", *Proc. of the Int. Conf. on Information Technology Based Higher Education and Training (ITHET'2000)*, 249-252, Istanbul, Turkey, 2000.

2. Ali-zade P. and K. Uyar, "A New Approach for Portable Computer Accumulator Battery Life Saving Charging". *Proc. of the 2nd International Electrical, Electronics & Computer Engineering Symposium (NEU-CEE'2004)*, 334-338 Nicosia, TRNC, 2004.

3. Ali-zade P. and K. Uyar, "A fuzzy Controller Approach to Accumulator Battery Life Saving Electrical Desulfatation", *Proc. of the Int. Conf. on Computational Intelligence (ICCI'2004)*, 143-147, Nicosia, TRNC, 2004.

4. Ilhan U. and K. Uyar, "A Comparative Curricular Study on the Outside Major Disciplinary Area in Computer Engineering Departments of North Cyprus Universities", *Proc. of the 3rd FAE International Symposium*, 323-326, Gemikonağı, TRNC, 2004.

5. Ali-zade P. and K. Uyar, "Ni-Cd Battery Fuzzy Controlled Charger Rules Based on Internal Resistance Data", *Proc. of the 3rd FAE International Symposium*, 369-373, Gemikonağı, TRNC, 2004.

6. Uyar K., "Fuzzy-Neural Control System for Nickel Cadmium Battery Charging", *Proc. of the Third Int. Conf. on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW-2005)*, 168-178, Antalya, Turkey, 2005.

7. Uyar K., "Modelling of Nickel Cadmium Batteries", *Proc. of the Third Int. Conf. on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW-2005)*, 263-268, Antalya, Turkey, 2005.

8. Uyar K., "Modeling and Simulation of NiCd Batteries Behavior Under Fast Charging with Genetic Algorithm Based Trained Recurrent Fuzzy Neural Network", *Proc. of the Seventh Int. Conf. on Application of Fuzzy Systems and Soft Computing (ICAFS – 2006)*, 247-255, Siegen, Germany, 2006.

9. Uyar K., "A Novel Intelligent Approach for Modeling and Control of Non-linear Dynamic Systems", *Proc. of the 3rd International Electrical, Electronics & Computer Engineering Symposium (ISEECE'2006)*, 291-296, Nicosia, TRNC, 2006.

10. Uyar K. and U. Ilhan, "Soft Computing for Long Term Electric Load Forecasting of TRNC", *Proc. of the 3rd International Electrical, Electronics & Computer Engineering Symposium (ISEECE'2006),* 297-300, Nicosia, TRNC, 2006.

11. Uyar K. and U. Ilhan, "A Comparison of Computer Engineering Curricula of the Cyprus Island Universities", *Proc. of the 4th FAE International Symposium,* Vol. 2, 487-492, Gemikonağı, TRNC, 2006.

12. Guirimov B., U. Ilhan and K. Uyar," Neuro-fuzzy type 2 system for loan assessment", *Proc. of the 4h Int. Conf. on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW'2007),* Antalya, Türkiye, 2007.

13. Aliev R.A., R.R. Aliev, B.G. Guirimov and K. Uyar, "Recurrent Fuzzy Neural Network Based System for Battery Charging", *ISNN 2007, LNCS 4492, Part II*, pp. 307–316, 2007, Springer-Verlag Berlin Heidelberg 2007. (WOS) (Scopus)

14. Uyar K. and U. Ilhan, "Fuzzy Type 2 Inference System for Credit Scoring", *11th WSEAS Int. Conf. on Automatic Control, Modelling and Simulation (ACMOS09)*, Istanbul, Turkey, May 30 - June 1, 2009. (WOS)

15. Uyar K., "Tourist Arrival Forecasting by using the Genetic Algorithm based Trained Recurrent Fuzzy Neural Networks", *Proc. of the Sixth Int. Conf. on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control (ICSCCW2011)*, pp. 261-271, Antalya, Turkey, Sep. 2011

16. Abiyev R. H., K. Uyar, E. Imanov and R. Dover, "Behaviour based mobile robot navigation in 3d workspace", *10th Int. Conf. on Application of Fuzzy Systems and Soft Computing (ICAFS-2012)*, pp. 229-236, Lisbon, Portugal, 2012

17. Ilhan U. and K. Uyar, O. Donangil, "Forest fires predictions using meteorological data and recurrent fuzzy neural networks", Proc. of EEECS12 the 7th International Symposium on Electrical and Electronics Engineering & Computer Systems, pp. 40-45, Gemikonagi, TRNC, Nov. 2012

18. Uyar K. and U. Ilhan, "Energy performance estimation of residential buildings by using type-2 fuzzy neural networks with fuzzy clustering and differential evolution

optimization", *Proc. of the 7th Int. Conf. on Soft Computing, Computing with Words and Perceptions in System Analysis, Decision and Control*, pp. 285-293, Izmir, Turkey, Sep. 2013

19. Uyar K. and U. Ilhan, "US Unemployment Rate Forecasting using Recurrent Fuzzy Neural Networks", 11th Int. Conf. on Application of Fuzzy Systems and Soft Computing (ICAFS-2014), pp. 131-139, Paris, France, Sep. 2014

20. Abiyev R.H., K. Uyar, U. Ilhan and E. Imanov, "Assessment of Food Security Risk Level Using Type 2 Fuzzy System", 12th Int. Conf. on Application of Fuzzy Systems and Soft Computing, ICAFS 2016, 29-30 August 2016, Vienna, Austria, Procedia Computer Science, Vol. 102, pp 547–554, 2016. DOI: 10.1016/j.procs.2016.09.441. (WOS) (Scopus)

21. Uyar K., U. Ilhan and A. Ilhan, "Long Term Dry Cargo Freight Rates Forecasting by Using Recurrent Fuzzy Neural Networks", 12th Int. Conf. on Application of Fuzzy Systems and Soft Computing, ICAFS 2016, 29-30 August 2016, Vienna, Austria, Procedia Computer Science, Vol. 102, pp 642–647, 2016. DOI: 10.1016/j.procs.2016.09.455 (WOS) (Scopus)

22. Uyar K. and A. Ilhan, "Diagnosis of heart disease using genetic algorithm based trained recurrent fuzzy neural networks", The 9th Int. Conference on Theory and Application of Soft Computing, Computing with Words and Perception (ICSCCW-2017), 24-25 August 2017, Budapest, Hungary. Procedia Computer Science, Vol. 120, pp 588–593, 2017. (WOS) (Scopus)

23. Iseri E. I., K. Uyar and U. Ilhan, "The Accessibility of Cyprus Islands' Higher Education Institution Websites", The 9th Int. Conference on Theory and Application of Soft Computing, Computing with Words and Perception (ICSCCW-2017), 24-25 August 2017, Budapest, Hungary. Procedia Computer Science, Vol. 120, pp 967–974, 2017. (WOS) (Scopus)

24. Iseri E. I., K. Uyar and U. Ilhan, "Accessibility of the Cyprus Island Municipal Websites", 9th Int. Conference on Computational Intelligence and Communication Networks (CICN 2017), pp.72 -76, Girne, Cyprus, 16-17 Sept. 2017. DOI: 10.1109/CICN.2017.8319359. (WOS) (Scopus)

25. Iseri E. I., K. Uyar and U. Ilhan, "Forecasting Measles in European Union by using Adaptive Neuro-Fuzzy Inference System", Second International Biomedical Engineering Congress 2018 (IBMEC-2018), Abstract book p.91, 24-27 May 2018, TRNC

26. Ilhan U., K. Uyar and E.I. Iseri, "Web Accessibility of the Cyprus Island Higher Education Institution Libraries", Proc. of the 7th Int. Conf. on Theory and Practice in Modern Computing (TPMC 2018), pp. 121-128, 18-20 July 2018, Madrid, Spain. (Scopus)

27. Iseri E. I., K. Uyar and U. Ilhan, "Forecasting Measles in European Union by using Adaptive Neuro-Fuzzy Inference System", Second International Biomedical Engineering Congress 2018 (IBMEC-2018), Abstract book p.91, 24-27 May 2018, TRNC.

28. Uyar K., U. Ilhan, E.I. Iseri and A. Ilhan, "Forecasting Measles Cases in Ethiopia using Neuro- Fuzzy Systems", International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) 2019, Ankara, Turkey. DOI: 10.1109/ISMSIT.2019.8932882. (Scopus)

29. Uyar K., U. Ilhan, A. Ilhan and E.I. Iseri, " Breast Cancer Prediction using Neuro-Fuzzy Systems", 2020 7th International Conference on Electrical and Electronics Engineering (ICEEE 2020), Antalya, Turkey. April 14-16, 2020. DOI: 10.1109/ICEEE49618.2020.9102476. (Scopus)

30. Ilhan U., E.I. Iseri and K. Uyar, "Web Accessibility of e-Government Portals and Ministry Websites of the Cyprus Island", 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT) 2020, October 22-24, 2020, Turkey. DOI: 10.1109/ISMSIT50672.2020.9254996.

31. Ilhan U, K. Uyar and Erkut I. Iseri, "Breast Cancer Classification using Deep Learning", 14th International Conference on Application of Fuzzy Systems and Soft Computing-ICAFS 2020, Budva-MONTENEGRO, 27th-28th August 2020. Advances in Intelligent Systems and Computing, vol 1306, pp. 709-714, Springer, Cham, 2021. DOI: 10.1007/978-3-030-64058-3_88

32. Ilhan U., A. Ilhan, K. Uyar and E. I. Iseri, "Classification of Osmancik and Cammeo Rice Varieties using Deep Neural Networks," 2021 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2021, pp. 587-590, DOI: 10.1109/ISMSIT52890.2021.9604606.

33. Iseri E.I., K. Uyar and U. Ilhan, "The Accessibility of Health Related Websites of Cyprus Island," 2021 5th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2021, pp. 581-586, DOI: 10.1109/ISMSIT52890.2021.9604555.

34. Erkut Inan Iseri, Kaan Uyar & Umit Ilhan, "Web Accessibility of the Cyprus Island Food Retailers' Websites", 5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications. June 8-10, 2023, Istanbul, Turkey, DOI: 10.1109/HORA58378.2023.10156791

7.4. Yazılan ulusal/uluslararası kitaplar veya kitaplarda bölümler

1. Ibrahim D. and K. Uyar, "8085 Microprocessor Laboratory Manual", ISBN: 975–8359–37–1, *Yakin Dogu Universitesi Matbaasi*, KKTC, 2006.

2. Ibrahim D. and K. Uyar, "The 8080 and 8085 Microprocessors and Peripherals", ISBN: 975-271-172-3, *Bilesim Yayincilik*, Turkey, 2006.

3. Ibrahim D. and K. Uyar, "8085 Microprocessor Experiments", ISBN: 975-271-107-3, *Bilesim Yayincilik*, Turkey, 2006.

4. Ibrahim D. and K. Uyar, "8080/8085 Mikroislemciler and Cevre Elemanlari", ISBN: 975-271-171-5, *Bilesim Yayincilik*, Turkey, 2006.

5. Ibrahim D. and K. Uyar, "8085 Mikroislemcisiyle Deneyler", ISBN: 975-641-043-4, *Bilesim Yayincilik*, Turkey, 2006.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

1. Uyar K. and U. Ilhan, "Esnek Hesaplama Yolu ile Uzun Vadede Kuzey Kibris Turk Cumhuriyeti Elektrik Tuketiminin Tahmini", *Enerji Politikalari Sempozyumu, Kuzey Kibris'ta Enerji-Sorunlar-Oneriler*, 91-96, KTMMOB, Lefkosa, KKTC, 2007.

2. Uyar K., E-devlet, Uluslararasi degerlendirmeler ve e-KKTC, *EMO Bilim, Journal of the Chamber of Electrical Engineers*, 41, 52-66, TRNC, 2014.

8. Sanat ve Tasarım Etkinlikleri -

9. Projeler -

10. İdari Görevler

1.	Bilgisayar Mühendisliği Bölüm Başkan Yardımcısı	2007 - 2011
2.	Gıda Mühendisliği Bölüm koordinatörü	2009 - 2010
3.	Bilişim Sistemleri Mühendisliği Bölüm Başkan Vekili	2009 - 2011
4.	Bilişim Sistemleri Mühendisliği Bölüm Başkanı	2011 - 2013
5.	Yazılım Mühendisliği Bölüm Başkan Vekili	2012 - 2013

11. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. Digital Government Society, USA

2. Institute of Electrical and Electronics Engineers (IEEE), USA

3. Cyprus Turkish Electrical Engineers Association, TRNC

4. NEU Applied Artificial Intelligence Research Centre, TRNC

12. Ödüller -

13. Son İki Yılda Verilen Lisans ve Lisansüstü Dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2022 - 2023	Güz	Electronic Government	3		
	Güz	Elektronik Devlet	3		
	Güz	Sayısal Mantık	4	2	
	Güz	Microprocessors	4	2	
	Güz	Mikroişlemciler	4	2	
	Bahar	Web Design and Programming	3		
	Bahar	Computer Architecture and Organization	4		
	Bahar	Bilgisayar Mimarisi ve Organizasyonu	4		
	Bahar	Mikroişlemciler	4	2	
	Bahar	Object-Oriented Analysis and Design (Lisansüstü)	3		
	Yaz	Computer Architecture and Organization	4		
	Yaz	Bilgisayar Mimarisi ve Organizasyonu	4		
2023 - 2024	Güz	Logic Design G1 & G2	4	2	125
	Güz	Sayısal Mantık	4	2	25
	Güz	Electronic Government	3		4
	Güz	Elektronik Devlet	3		4