

**ACADEMIC  
CURRICULUM VITAE**

**1. Name - Surname: Ümit İlhan**

**2. Title: Assist. Prof. Dr.**

**3. Educational Background: PhD.**

<b>Degree</b>	<b>Department/Program</b>	<b>University</b>	<b>Year</b>
Bachelor's	Computer Engineering Department	Near East University	2001
Master's	Computer Engineering Department	Near East University	2003
PhD	Computer Engineering Department	Near East University	2006

**4. Master's / PhD Thesis**

**4.1. Master's Thesis Title and Thesis Advisor(s):**

**Cheque Clearing System Using Active Server Pages(ASP)**

**Prof. Dr Doğan İbrahim**

**4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s):**

**Neuro Fuzzy Type 2 Client Assessment System**

**Prof. Dr Rafik Aliev**

**5. Academic Titles:**

Date of Assistant Professorship: **2007**

Date of Associate Professorship:

Date of Professorship:

**6. Supervised Master's and PhD Theses:**

**6.1. Master's Theses**

**6.2. PhD Theses**

## 7. Publications

### 7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

1. Type-2 fuzzy neural networks with fuzzy clustering and differential evolution optimization  
RA Aliev, W Pedrycz, BG Guirimov, RR Aliev, U Ilhan, M Babagil, ...  
Information Sciences 181 (9), 1591-1608
2. Brain tumor segmentation based on a new threshold approach  
U Ilhan, A Ilhan  
Procedia computer science 120, 580-587
3. The accessibility of Cyprus Islands' higher education institution websites  
Eİ İşeri, K Uyar, Ü İlhan  
Procedia computer science 120, 967-974
4. Long term dry cargo freight rates forecasting by using recurrent fuzzy neural networks  
K Uyar, A İlhan  
Procedia Computer Science 102, 642-647
5. Estimation of Food Security Risk Level Using Z-number Based Fuzzy System  
RH Abiyev, K Uyar, U Ilhan, E Imanov, E Abiyeva  
Journal of Food Quality
6. Assessment of food security risk level using type 2 fuzzy system  
RH Abiyev, K Uyar, U Ilhan, E Imanov  
Procedia Computer Science 102, 547-554
7. Accessibility of the cyprus island municipal websites  
Eİ İşeri, K Uyar, Ü İlhan  
2017 9th International Conference on Computational Intelligence and Communication Networks (CICN)
8. Web accessibility of e-government portals and ministry websites of the Cyprus Island  
U Ilhan, Eİ Iseri, K Uyar  
2020 4th International Symposium on Multidisciplinary Studies and Innovative
9. Breast cancer prediction using neuro-fuzzy systems  
K Uyar, U Ilhan, A Ilhan, Eİ Iseri  
2020 7th International Conference on Electrical and Electronics Engineering
10. Forecasting measles cases in Ethiopia using neuro-fuzzy systems  
K Uyar, U Ilhan, Eİ Iseri, A Ilhan  
2019 3rd international symposium on multidisciplinary studies and innovative
11. Breast cancer classification using deep learning  
U Ilhan, K Uyar, Eİ Iseri  
International Conference on Theory and Applications of Fuzzy Systems and
12. Web Accessibility of the Cyprus Island Higher Education Institution Libraries  
Eİİ Umit Ihan, Kaan Uyar

7th International Conference on Theory and Practice in Modern Computing

13. The Accessibility of Health Related Websites of Cyprus Island

EI Iseri, K Uyar, U İlhan

2021 5th International Symposium on Multidisciplinary Studies and Innovative

14. Forecasting Measles in European Union by using Adaptive Neuro-Fuzzy Inference System

UI Erkut I Iseri, Kaan Uyar

Cyprus Journal of Medical Sciences 4 (1), 34-37

15. Forecasting Measles in European Union by using Adaptive Neuro-Fuzzy Inference System

UI Erkut I Iseri, Kaan Uyar

Second International Biomedical Engineering Congress 2018 (IBMEC-2018), 91 2

16. Fuzzy type 2 inference system for credit scoring

K Uyar, U İlhan, N CYPRUS

WSEAS International Conference. Proceedings. Mathematics and Computers in

17. Neuro-Fuzzy Type 2 System for Loan Assessment

KU Babek Guirimov, Ümit İlhan

Forth International Conference on Soft Computing, Computing with Words and

18. Classification of osmancik and cammeo rice varieties using deep neural networks

U İlhan, A İlhan, K Uyar, EI Iseri

2021 5th International Symposium on Multidisciplinary Studies and Innovative

19. Web Accessibility of the Cyprus Island Food Retailers' Websites

EI Iseri, K Uyar, U İlhan

2023 5th International Congress on Human-Computer Interaction, Optimization

20. Research Article Estimation of Food Security Risk Level Using Z-Number-Based Fuzzy System

RH Abiyev, K Uyar, U İlhan, E Imanov, E Abiyeva

21. US Unemployment Rate Forecasting using Recurrent Fuzzy Neural Networks

Üİ Kaan Uyar

11th International Conference on Application of Fuzzy Systems and Soft

22. ENERGY PERFORMANCE ESTIMATION OF RESIDENTIAL BUILDINGS BY USING THE TYPE-2 FUZZY

NEURAL NETWORKS WITH FUZZY CLUSTERING AND DIFFERENTIAL EVOLUTION OPTIMIZATION

K UYAR, Ü İLHAN

ICSCCW–2013, 285

## **7.2. Articles Published in Other International Peer-Reviewed Journals**

## **7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings**

#### **7.4. National/international Books or Book Chapters**

#### **7.5. Articles Published in National Peer-Reviewed Journals**

1. Forest fires predictions using meteorological data and recurrent fuzzy neural networks  
OD Ümit İlhan, Kaan Uyar  
7th International Symposium on Electrical and Electronics Engineering
2. Esnek Hesaplama Yolu ile Uzun Vadede Kuzey Kıbrıs Türk Cumhuriyeti Elektrik Tüketiminin Tahmini  
Üİ Kaan Uyar  
Enerji Politikaları Sempozyumu, Kuzey Kıbrıs'ta Enerji-Sorunlar-Oneriler
3. A Comparison of Computer Engineering Curricula of the Cyprus Island Universities  
Üİ Kaan Uyar  
4th FAE International Symposium, Gemikonagi, TRNC, 487-492
4. Soft Computing for Long Term Electric Load Forecasting of TRNC  
Üİ Kaan Uyar  
3rd International Electrical, Electronics and Computer Engineering Symposium
5. A Comparative Curricular Study on the Outside Major Disciplinary Area in Computer Engineering  
Departments of North Cyprus Universities  
KU Ümit İlhan  
3rd FAE International Symposium, Gemikonagi, TRNC, 323-326

#### **8. Art and Design Activities**

#### **9. Projects**

#### **10. Administrative Responsibilities**

Vice Dean	2008 - 2017
Head of Vocational school	2008 - 2018
Vice Head of Computer Engineering Department	2010 -

#### **11. Memberships in Scientific and Professional Organizations**

#### **12. Awards**

**13. Undergraduate and Graduate Courses Taught in the Last Two Years**

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021-2022	Fall	Operating Systems	3		28
		Programming Languages I	3		13
		İşletim Sistemleri	3		24
		Mühendislik Tasarım Tr/En	2	4	24
		Programlama dilleri I	3		3
	Spring	DBMS	4		29
		Operating Systems	3		4
		İşletim Sistemleri	3		1
		Systems Simulation	3		36
		Sistem Simülasyon	3		3
		VTYS	4		9
		Mühendislik Tasarım Tr/En	2	4	13
	Summer	Systems Simulation	3		3
		İşletim Sistemleri	3		3
		Mühendislik Tasarım	2	4	12
2022-2023	Fall	Operating Systems	3		27
		İşletim Sistemleri	3		8
		Programming Languages I	3		
		Mühendislik Tasarım Tr/En	2	4	
	Spring	DBMS	4		21
		Operating Systems	3		1
		İşletim Sistemleri	3		1
		Systems Simulation	3		27
		Sistem Simülasyon	3		13
		VTYS	4		10
		Mühendislik Tasarım Tr/En	2	4	15
	Summer	İşletim Sistemleri	3		5
		Operating Systems	3		2
		Mühendislik Tasarım Tr/En	2	4	5

Update date: DD/MM/YYYY