Curriculum Vitae

(CV was last updated on 29.10.2023)

Personal Information:

- **Name Surname** : Utku KÖSE / Utku KOSE
- **Nationality** : Turkish
- **Date of Birth** : 26.03.1985
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- **Address** : Süleyman Demirel University,
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- **Scopus ID** : 36544118500
- **ResearcherID (ID)** : C-8683-2009

Academic profiles over the Web (link):

- **Google Scholar**
- **Research Gate**
- **Mendeley**
- **Academia.edu**
- **Publons**

Education:

- **PhD** : Selçuk University, Institute of Natural and Applied Sciences, Computer Engineering Dept., Konya / Turkey (2010-2017).
- **MS** : Afyon Kocatepe University, Institute of Natural and Applied Sciences, Computer Dept., Afyonkarahisar / Turkey (2008-2010) Average Grade: 98,36 / 100).
- **BS** : Gazi University, Industrial Arts Education Faculty, Computer Education Dept., Ankara / Turkey (2004-2008) Average Grade: 94,40 / 100).
- **High School** : Gazi Anatolian Vocational School, Computer-Software Dept., Afyonkarahisar / Turkey (1999-2003).

Affiliated Institutions:

| 2017-Present | 2023-Present | 2020-Present | 2019-2023 | 2021-2023 |

Academic Work Experience:

- **<u>Visiting Researcher</u>** : University of North Dakota, College of Engineering & Mines, USA (15.09.2023-Present).
- **<u>Associate Professor</u>** : Süleyman Demirel University, Faculty of Engineering, Dept. of Computer Engineering (23.10.2019-Present).
- **<u>Honorary Adjunct Professor of Artificial Intelligence</u>** : ITM (SLS) Baroda University, Dept. of Computer Science and Engineering, India (01.07.2020-Present).
- **Associate Professor** : Gazi University, Informatics Institute / Dept. of Information Systems and Dept. of Forensics. *Part Time* (25.10.2019-30.08.2023).
- **Associate Professor** : İstanbul Arel University, Faculty of Engineering, Dept. of Computer Engineering (English and Turkish) Dept. of Electrical-Electronics Engineering (English and Turkish) and Distance Education Center Rectorship Common Courses (English). *Part Time* (23.10.2021-30.08.2023).
- **Assistant Professor** : Süleyman Demirel University, Faculty of Engineering, Dept. of Computer Engineering (17.10.2017-22.10.2019).
- **Visiting Assist. Prof.** : Polytechnic University of Porto (Portugal), School of Management and Technology (12.03.2019-15.03.2019).
- **Visiting Scientist** : University of Bologna (Italy), Faculty of Engineering, Dept. of Computer Sciences and Engineering (01.07.2016-20.07.2016).
- **Visiting Scientist** : University of Bologna (Italy), Faculty of Engineering, Dept. of Computer Sciences and Engineering (14.12.2015-18.12.2015).
- **Visiting Lecturer** : University of Bacau "Vasile Alecsandri" (Romania), Dept. of Mathematics, Informatics and Educational Sciences (11.06.2015-15.06.2015).
- **Visiting Lecturer** : University of Bacau "Vasile Alecsandri" (Romania), EU-Erasmus Teaching Mobility (13.01.2014-18.01.2014).
- **Visiting Scientist** : University of Bologna (Italy), Faculty of Engineering, Dept. of Computer Sciences and Engineering (17.06.2013-23.09.2013).
- **Visiting Lecturer** : University of Oradea (Romania), EU-Erasmus Teaching Mobility (23.02.2013-03.03.2013).
- **Lecturer** : Uşak University, Karahallı Vocational School, Dept. of Computer Technologies (30.05.2012-16.10.2017).
- **Lecturer** : Uşak University, Directorate of Computer Center (30.05.2012-16.10.2017).
- **Lecturer** : Afyon Kocatepe University, Distance Education Vocational School (01.10.2011-29.05.2012).
- **Research Assistant** : Afyon Kocatepe University, Distance Education Vocational School (14.08.2009-01.10.2011).
- **Research Assistant** : Afyon Kocatepe University, Directorate of Computer Center (28.01.2009-14.08.2009).

Administrative Experience:

- **Vice Dept. Chair** : Süleyman Demirel University, Faculty of Engineering, Dept. of Computer Engineering (10.09.2018-30.08.2023)
- **Director** : Uşak University, Computer Sciences Application and Research Center (07.07.2014-16.10.2017)
- **Vice Director** : Afyon Kocatepe University, Distance Education Vocational School (2011-2012)

Sectoral Experience:

- **<u>Danışman, Eğitmen, Eğitim Koordinatörü</u>** : Studio Software Technology Services Ltd. Co., İstanbul (01.01.2022-Present)
- **CTO (Chief Technology Officer)** : TEXINSIGHT Technology Inc. / Newky, İstanbul (01.07.2023-01.08.2023)

Research Interests:

- Artificial Intelligence, Biomedical, Artificial Intelligence Safety, Machine Ethics, Intelligent Optimization, Intelligent Systems, Philosophy of Artificial Intelligence, Soft Robotics, Computer Sciences, Information Security, Computer Software Programming, Distance Education, E-Learning, Computer Education, Chaos, Cryptology.

Publications:

Research in Progress:

1. *"Artificial Intelligence Based Digital Twin for Healthcare":* Research works regarding Artificial Intelligence and Digital Twin combined applications for specific healthcare problems.
2. *"Trustworthy Artificial Intelligence Interaction in Biomedical":* Research works focused on subjects related to trustworthy Artificial Intelligence models, which are human compatible, explainable / interpretable in terms of biomedical problems.
3. *"Artificial Intelligence Safety and Machine Ethics":* Research works focused on subjects related to Artificial Intelligence Safety and Machine Ethics.
4. *"Multi-Disciplinary Applications of Artificial Intelligence":* Research works regarding use of Artificial Intelligence in the context of different disciplines.
5. *"GEO-BOT":* A soft robot project based on modular components forming autonomous robotic system capable of having different actuator and acting functions.
6. *"Deep Learning and Image Analysis":* Applications over images by using Deep Learning approaches, methods, and techniques (biomedical, satellite image analyze…etc.).
7. *"Philosophy of Artificial Intelligence":* Research works regarding philosophical roots of the Artificial Intelligence.
8. *"Autonomous Educational Systems":* Educational systems, which can be run without teachers and as adaptive for learners' characteristics, levels, academic achievements…etc.
9. *"Ambient Intelligence and Internet of Things":* Research works focused on designing/developing Ambient Intelligence based and Internet of Things oriented systems.
10. *"Artificial Individual":* A wide simulation project for simulating basic cognitive abilities via artificial brain, nervous systems…etc.)
11. *"Vortex Optimization Algorithm"*: A new nature-inspired continuous optimization algorithm.
12. *"Cognitive Development Algorithm"*: A new nature-inspired continuous optimization algorithm.
13. *"Algorithmic Reasoning Optimization"*: A new nature-inspired combinatorial optimization algorithm.
14. *"A Global Programming Framework for Swarm Intelligence Optimization Algorithms"*: A new, global programming framework for writing programs on swarm intelligence based algorithms.

Some samples to download: <u>http://www.utkukose.com/Kose_sample_publications.zip</u>
For recent publications and details, you may visit the academic profiles.

Journal Papers (SCI Indexed):

1. Gündüz, F., Biroğul, S. and **Köse, U.** Proof of Optimum (PoO): Consensus model based on fairness and efficiency in blockchain. *Applied Sciences*, 13(18), 10149, 2023.
2. Kayadibi, İ., Güraksın, G. R. and **Köse, U.**, A Hybrid R-FTCNN based on principal component analysis for retinal disease detection from OCT images, *Expert Systems with Applications*, 230(2023), 120617, 2023.
3. Mangalampalli, S., Karri, G. R. and **Köse, U.**, Multi objective trust aware task scheduling algorithm in cloud computing using whale optimization, *Journal of King Saud University - Computer and Information Sciences*, 35(2023), 791-809, 2023.
4. Olaleye, T. O., Arogundade, O. T., Misra, S., Abayomi-Alli, A. and **Köse, U.**, Predictive analytics and software defect severity: A systematic review and future directions, *Scientific Programming*, 2023, Article ID 6221388, 2023.

5. Goral, S. and **Köse, U.**, Development of a CapsNet and Fuzzy Logic decision support system for diagnosing the Scoliosis and planning treatments via Schroth method, *IEEE Access,* 10(2022), 129055-129078, 2022.

6. Marmolejo Saucedo, J. A. and **Köse, U.**, Numerical grad-CAM based explainable convolutional neural network for brain tumor diagnosis, *Mobile Networks and Applications, (In Press)*: 2022, DOI: 10.1007/s11036-022-02021-6.

7. Painuli, D., Bhardwaj, S. and **Köse, U.**, Recent advancement in cancer diagnosis using machine learning and deep learning techniques: A comprehensive review, *Computers in Biology and Medicine*, 146(2022), 105580, 2022.

8. İncetaş, M. O., Uçar, M., Uçar, E. and **Köse, U.**, A novel image Denoising approach using super resolution densely connected convolutional networks, *Multimedia Tools and Applications*, (*In Press*), 2022, DOI: 10.1007/s11042-022-13096-4

9. Olaleye, T., Abayomi-Alli, A., Adesemowo, K., Arogundade, O. T., Misra, S. and **Köse, U.**, SCLAVOEM: Hyper parameter optimization approach to predictive modelling of COVID-19 infodemic tweets using smote and classifier vote ensemble, *Soft Computing*, (*In Press*), 2022. DOI: 10.1007/s00500-022-06940-0

10. Calp, M. H., Butuner, R., **Köse, U.**, Alamri, A. and Camacho, D., IoHT-based deep learning controlled robot vehicle for paralyzed patients of smart cities, *The Journal of Supercomputing,* (2022), 2022, DOI: 10.1007/s11227-021-04292-4.

11. Deperlioğlu, Ö., **Köse, U.**, Gupta, D., Khanna, A., Giampaolo, F. and Fortino, G., Explainable framework for Glaucoma diagnosis by image processing and convolutional neural network synergy: Analysis with doctor evaluation, *Future Generation Computer Systems,* 129(2022), 152-169, 2022.

12. Alzubi, O. A., Alzubi, J. A., Al-Zoubi, A. M., Hassonah, M. A. and **Köse, U.**, An efficient malware detection approach with feature weighting based on harris hawks optimization, *Cluster Computing,* (2021), 2021, DOI: 10.1007/s10586-021-03459-1.

13. Um, P., Kottursamy, K., Cengiz, K., **Köse, U.** and Hung, B. T., 4x- Expert systems for early predication of osteoporosis using multi-model algorithms, *Measurement,* 180(2021), 109543, 2021.

14. Kumar, A., Manikandan, R., **Köse, U.**, Gupta, D. and Satapathy, S. C., Doctor's dilemma: An explainable subtractive spatial lightweight CNN for brain tumor diagnosis, *ACM Transactions on Multimedia Computing Communications and Applications,* 17(3s), 105, 2021.

15. Deperlioğlu. Ö., **Köse, U.**, Gupta, D., Khanna, A. and Sangaiah, A. K., Diagnosis of heart diseases by a secure internet of health things system based on autoencoder deep neural network, *Computer Communications,* 162(2020), 31-50, 2020.

16. Winston, J. J., Türker, G. F., **Köse, U.** and Hemanth, J., Novel optimization based hybrid self-organizing map classifiers for iris image recognition, *International Journal of Computational Intelligence Systems,* 13(1), 30, 2020.

17. Aksoy, B. and **Köse, U.**, Optimization of real-time wireless sensor based big data with deep autoencoder network: A tourism sector application with distributed computing, *Turkish Journal of Electrical Engineering & Computer Sciences,* 2020(28), 3137-3153, 2020, DOI: 10.3906/elk-2001-156.

18. Biroğul, S., Temür, G. and **Köse, U.**, YOLO object recognition algorithm and "buy-sell decision" model over 2D candlestick charts, *IEEE Access,* 8, 91894-91915, 2020.

19. Rajesh, G., Raajini, X. M., Sagayam, K. M., Bhushan, B. and **Köse, U.**, Fuzzy genetic based dynamic spectrum allocation (FGDSA) approach for cognitive radio sensor networks, *Turkish Journal of Electrical Engineering & Computer Sciences,* 2020(28), 2416-2432, 2020, DOI: 10.3906/elk-1907-206.

20. Tayal, A., **Köse, U.**, Solanki, A., Nayyar, A. and Marmolejo Saucedo, J. A., Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic, data envelopment analysis and machine learning, *Computational Intelligence, (In Press)*: 2019, DOI: 10.1111/coin.12251.

21. Gochhayat, S. P., Ial, C., Sharma, L., Sharma, D. P., Gupta, D., Marmolejo Saucedo, J. A. and **Köse, U.**, Reliable and secure data transfer in IoT networks, *Wireless Networks,* 26, 5689-5702, (Online-Early View: 2019) 2020, DOI: 10.1007/s11276-019-02036-0.

22. Gezer, B., **Köse, U.**, Zubov, D., Deperlioğlu, Ö. and Vasant, P., Determining optimum carob powder adsorbtion for cleaning wastewater: Intelligent optimization with electro-search algorithm, *Wireless Networks,* 26, 5665-5679, (Online-Early View: 2019) 2020, DOI: 10.1007/s11276-019-02035-1.

23. Gheisari, M., Alzubi, J., Zhang, X., **Köse, U.** and Marmolejo Saucedo, J. A., A new algorithm for optimization of quality of service in peer to peer wireless mesh networks, *Wireless Networks,* 26, 4965-4973, (Online-Early View: 2019) 2020, DOI: 10.1007/s11276-019-01982-z.

24. Marmolejo, J. A., Hemanth, J. and **Köse, U.**, Prediction of electroencephalogram time series with electro-search optimization algorithm trained adaptive neuro-fuzzy inference system, *IEEE Access*, 7, 15832-15844, 2019.

25. Hemanth, J., Deperlioğlu, Ö. and **Köse, U.**, An enhanced diabetic retinopathy detection and classification approach using deep convolutional neural network, *Neural Computing and Applications*, 32, 707-721, (Online-Early View: 2019) 2020.

26. Gezer, B. and **Köse, U.**, Ultrasonic-assisted extraction and swarm intelligence for calculating optimum values of obtaining boric acid from tincal mineral, *Processes,* 7(1), 30, 2019.

27. **Köse, U.**, An ant-lion optimizer-trained artificial neural network system for chaotic electroencephalogram (EEG) prediction, *Applied Sciences,* 8(9), 1613, 2018.

28. **Köse, U.** ve Vasant, P., Better campus life for visually impaired university students: Intelligent social walking system with beacon and assistive technologies, *Wireless Networks,* 26, 4789-4803, (Online-Early View: 2018) 2020, DOI: 10.1007/s11276-018-1868-z.

29. Hemanth, J., **Köse, U.**, Deperlioğlu, Ö. and de Albuquerque, V. H. C., An augmented reality supported mobile application for diagnosis of heart diseases, *The Journal of Supercomputing*, 76(2), 1242-1267, (Online-Early View: 2018) 2020.

30. Vasant, P., **Köse, U.** and Watada, J., Metaheuristic techniques in enhancing the efficiency and performance of thermo-electric cooling devices, *Energies*, 10(11), 1703, 2017.

31. **Köse, U.** and Arslan, A., Time series prediction by a hybrid approach of artificial neural network and cognitive development optimization algorithm, *Scientia Iranica*, 26(2), 942-958, (Online-Early View: 2016) 2019.

32. **Köse, U.** and Arslan, A., Optimization of self-learning in computer engineering courses: an intelligent software system supported by artificial neural network and vortex optimization algorithm, *Computer Applications in Engineering Education*, 25(1), 142-156, 2017.

33. **Köse, U.** and Arslan, A., Forecasting chaotic time series via ANFIS supported by vortex optimization algorithm: Applications on electroencephalogram time series, *Arabian Journal for Science and Engineering*, 42, 3103-3114, (Online-Early View: 2016) 2017.

34. **Köse, U.** and Arslan, A., Intelligent e-learning system for improving students' academic achievements in computer programming courses, *International Journal of Engineering Education*, 32(1-A), 185-198, 2016.

35. Yalçın, N., Altun, Y. and **Köse, U.**, Educational material development model for teaching computer network and system management, *Computer Applications in Engineering Education,* 23(4), 621-629, (Online-Early View: 2015) 2015.

36. Tüfekçi, A. and **Köse, U.**, Bilgisayar programlama öğretiminde yapay zekâ tabanlı bir yazılım sisteminin geliştirilmesi ve değerlendirilmesi (*Development of an artificial intelligence based software system on teaching computer programming and evaluation of the system*), *Hacettepe University Journal of Education*, 28(2), 469-481, 2013.

37. **Köse, U.**, Koç, D. and Yücesoy, S. A., Design and development of a sample "computer programming" course tool via story-based e-learning approach, *Educational Sciences: Theory & Practice*, 13(2), 1235-1250, 2013.

38. Deperlioğlu, Ö. and **Köse, U.**, An educational tool for artificial neural networks, *Computers and Electrical Engineering,* 37(3), 392-402, 2011.

39. Deperlioğlu, Ö. and **Köse, U.**, The effectiveness and experiences of blended learning approaches to computer programming education, *Computer Applications in Engineering Education,* 21(2), 328-342, (Online-Early View: 2010) 2013.

Journal Papers (Non-SCI Indexed):

1. Kırboğa, K. K., Küçüksille, E. U. and **Köse, U.** Ignition of small molecule inhibitors in Friedreich's ataxia with explainable artificial intelligence. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 14(3), 287-313, 2023.

2. Uysal, I. and **Köse, U.** Development of a simulation environment for the importance of histone deacetylase in childhood acute leukemia with explainable artificial intelligence. *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, 14(3), 254-286, 2023.

3. Painuli, D., Bhardwaj, S. and **Köse, U.** Optimized diagnosis of central nervous system (CNS) cancer using gene expression microarray & machine learning (ML) methods, *Eur. Chem. Bull.*, 12(10), 9757-9771, 2023.

4. Uysal, İ. and **Köse, U.** İlaç-ilaç etkileşimlerini keşfetmek: Bir ağ analizi ve görselleştirme yaklaşımı, [Exploring drug-drug interactions: A network analysis and visualization approach]. *Journal of Materials and Mechatronics: A*, *4*(1), 257-270, 2023.

5. Koçaslan, İ., Üser, Y. and **Köse, U.** Hybrid particle swarm optimization and grey wolf optimizer for setting PID parameters of BLDC motors. *International Journal of 3D Printing Technologies and Digital Industry*, 7(2), 295-302, 2023.

6. Zubov, D. A., Qureshi, M. S., **Köse, U.** and Kupin, A. I., Prototyping smart home for immobilized people: EEG/MQTT-based brain-to-thing communication, *Radio Electronics, Computer Science, Control*, 2022(2), 90-100, 2022.

7. Turan, T., Turan, G. and **Köse, U.**, Uyarlamalı ağ tabanlı bulanık mantık çıkarım sistemi ve yapay sinir ağları ile Türkiye'deki COVID-19 vefat sayısının tahmin edilmesi, [*Prediction of the COVID-19 number of death in Turkey by adaptive neuro-fuzzy ınference system and artifical neural networks*], *Bilişim Teknolojileri Dergisi [International Journal of Informatics Technologies]*, 15(2), 97-105, 2022.

8. Tokmak, M., Küçüksille, E. U. and **Köse, U.**, Deep learning based malware detection tool development for android operating system, *Broad Research in Artificial Intelligence and Neuroscience*, 12(4), 28-56, 2021.

9. Barın, S., Sarıbaş, M., Çiltaş, B. G., Güraksın, G. E. and **Köse, U.**, Hybrid convolutional neural network-based diagnosis system for intracranial hemorrhage, *Broad Research in Artificial Intelligence and Neuroscience*, 12(4), 1-27, 2021.

10. Kırboğa, K. K., Küçüksille, E. U. and **Köse, U.**, The impact of artificial intelligence on the medical area: Detailed review, *Journal of Multidisciplinary Developments*, 6(1), 54-73, 2021.

11. Uysal, İ. and **Köse, U.**, Fuzzy logic-based decision support system for COVID-19 emergency state determination, *Scientific Journal of Mehmet Akif Ersoy University*, 4(2), 58-67, 2021.

12. Aynacı Altınay, E. and **Köse, U.**, Manipulation of artificial intelligence in image based data: adversarial examples techniques, *Journal of Multidisciplinary Developments*, 6(1), 8-17, 2021.

13. Orman A., **Köse, U.** and Yiğit, T., Brain tumor detection via explainable convolutional neural networks, *El-Cezerî Journal of Science and Engineering*, 8(3), 1323-1337, 2021.

14. Goral, S. and **Köse, U.**, Capsule networks based automatic measurement system for scoliosis (*In Turkish*), *Düzce University Journal of Science and Technology*, 9(2021), 2087-2101, 2021.

15. Churi, P., Mistry, K., Asad, M. M., Dhiman, G., Soni, M. and **Köse, U.**, Online learning in COVID-19 pandemic: An empirical study of Indian and Turkish higher education institutions, *World Journal of Engineering*, (*Basımda*), 2021, DOI: 10.1108/WJE-12-2020-0631.

16. Karaburun, A. E. and **Köse, U.**, An intelligent fuzzy logic based greenhouse system modeling for the antalya area, *International Journal of Engineering and Applied Sciences*, 8(6), 1-7,2021.

17. Podder, P., Bharati, S., Mondal, M. H. R., Paul, P. K. and **Köse, U.**, Artificial neural network for cybersecurity: A comprehensive review, *Journal of Information Assurance and Security*, 16(2021), 10-23, 2021.

18. Issa, T., Alqahtani, S. G. B., Al-Oqily, I., Göktalay, S. B., **Köse, U.**, Issa, T., Salih, B. A. and Almufaraj, W. K., Use of social networking in the Middle East: student perspectives in higher education, *Heliyon*, 7(4), E06676, 2021.

19. Çağlıyan, B. and **Köse, U.**, Epilepsy EEG data classification via machine learning techniques (*In Turkish*), *European Journal of Science and Technology*, 2021(23), 163-172, 2021.

20. Afrah, İ. A. and **Köse, U.**, mHealth: An artificial intelligence oriented mobile application for personal healthcare support, *Journal of Multidisciplinary Developments*, 5(1), 14-30, 2020.

21. Sayın, H., Salman, O. K. M., Aksoy, B. and **Köse, U.**, Artificial intelligence classification of heart rhythms using ECG signals (*In Turkish*), *Düzce University Journal of Science and Technology*, 9(2020), 7-15, 2020, DOI: 10.29130/dubited.824362.

22. **Köse, U.**, Enterprises of the future within the framework of ethical artificial intelligence: Transformation and paradigm changes (*In Turkish*), *Journal of Engineering Sciences and Design*, 8(5), 290-305, 2020, DOI: 10.21923/jesd.833224.

23. Calp, M. H. and **Köse, U.,** Estimation of burned areas in forest fires using artificial neural networks, *Revista Ingeniería Solidaria*, 16(3), 1-22, 2020, DOI: 10.16925/2357-6014.2020.03.08.

24. Yılmazsoy, B., Kahraman, M. and **Köse, U.**, Negative aspects of using social networks in education: A brief review on Whatsapp example. *Journal of Educational Technology and Online Learning*, 3(1), 69-90, 2020.

25. Yiğit, T., **Köse, U.** and Şengöz, N., Robotics rights and ethics rules. *Journal of Multidisciplinary Developments*, 3(1), 30-37, 2018.

26. Calp, M. H. and **Köse, U.**, Planning activities in software testing process: a literature review and suggestions for future research, *Gazi University Journal of Science*, 31(3), 801-819, 2018.

27. **Köse, U.**, Diabetes diagnosis with intelligent optimization based support vector machines (*In Turkish*), *Journal of Polytechnic*, (*In Press-in Early View*), DOI: 10.2339/politeknik.418851.

28. **Köse, U.**, Çankaya, Ş. F. and Deperlioğlu, Ö., Cyber wars under the shadow of artificial intelligence: A future perspective, *International Journal of Engineering Science and Application*, 2(2), 65-70, 2018.

29. **Köse, U.**, Çankaya, İ. A. and Yiğit, T., Ethics and safety in the future of artificial intelligence: Remarkable issues, *International Journal of Engineering Science and Application*, 2(2), 71-76, 2018.

30. **Köse, U.**, Developing a human controlled model for safe artificial intelligence systems (*In Turkish*), *Journal of Engineering Sciences and Design*, 6(1), 93-107, 2018, DOI: 10.21923/jesd.394527.

31. Boz, H. and **Köse, U.**, Emotion extraction from facial expressions by using artificial intelligence techniques, *Broad Research in Artificial Intelligence and Neuroscience*, 9(1), 5-16, 2018.

32. Yeşil, T. and **Köse, U.**, Assessment of the examination and regulations for the certificate of driver's vocational competence (SRC) in highway passenger and freight transportation and system recommendations in the technological context (*In Turkish*), *Route Educational and Social Science Journal*, 4(8), 468-480, 2017.

33. Furdu, I., Tomozei, C. and **Köse, U.**, Pros and cons gamification and gaming in classroom, *Broad Research in Artificial Intelligence and Neuroscience*, 8(2), 56-62, 2017.

34. Yesil, T. and **Köse, U.**, Web based bibliometric profile of Turkish articles on internal auditing as published between 2003-2013. *Journal of Multidisciplinary Developments*, 2(2), 2017.

35. **Köse, U.** and Vasant, P., Moral dilemma scenarios considering possible actions by humans and artificial intelligence based systems. *Journal of Multidisciplinary Developments*, 2(2), 39-49, 2017.

36. Pavaloiu, A. and **Köse, U.**, Ethical artificial intelligence-an open question. *Journal of Multidisciplinary Developments*, 2(2), 15-27, 2017.

37. **Köse, U.**, An introduction to artificial intelligence safety. *Journal of Multidisciplinary Developments*, 2(1), 28-32., 2017.

38. **Köse, U.**, A brief model suggestion for an artificial individual system. *Journal of Multidisciplinary Developments*, 2(1), 18-21, 2017.

39. **Köse, U.** and Sert, S., Improving content marketing processes with the approaches by artificial intelligence, *Ecoforum Journal*, 6(1), 2017.

40. Tüfekçi, A., Samancı, K. and **Köse, U.**, Developing a FPGA-supported touchscreen writing / drawing system for educational environments, *Journal of Multidisciplinary Developments*, 1(1), 60-90, 2016.

41. Tüfekçi, A., Balaman, Y. and **Köse, U.**, Designing a web-based interactive audio library automation system for visually-impaired people and evaluation of its usability, *Journal of Multidisciplinary Developments*, 1(1), 38-59, 2016.

42. **Köse, U.** and Arslan, A., Optimization with the idea of algorithmic reasoning, *Journal of Multidisciplinary Developments*, 1(1), 17-20, 2016.

43. Demir, A. and **Köse, U.** Solving optimization problems via vortex optimization algorithm and cognitive development optimization algorithm, *Broad Research in Artificial Intelligence and Neuroscience*, 7(4), 23-42, 2016.

44. **Köse, U.**, Güraksın, G. E. and Deperlioğlu, Ö., Cognitive development optimization algorithm based support vector machines for determining diabetes, *Broad Research in Artificial Intelligence and Neuroscience*, 7(1), 80-90, 2016.

45. Deperlioğlu, Ö., Güraksın, G. E. and **Köse, U.**, Biomedical decision making: reasoning and decision support with artificial intelligence, *Turkish Journal of Scientific Reviews*, 2016 (In Press).

46. **Köse, U.** and Tüfekçi, A., On the future possibilities of artificial intelligence based m-learning content development, *International Journal of Human, Community and Technology*, 1(2), 2-8, 2015.

47. **Köse, U.** and Tüfekçi, A., Algoritma ve akış şeması kavramlarının öğretiminde akıllı bir yazılım sistemi kullanımı [*Usage of an ıntelligent software system in teaching algorithm and flowchart concepts*], *Pegem Eğitim ve Öğretim Dergisi [Pegem Journal of Education and Instruction]*, 5(5), 569-586, 2015.

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International Keynote Speeches:

1. *…more keynote speeches in 2020-2023 to be added*
2. **Köse, U.** "Responsible Artificial Intelligence for Climate Crisis", UN Climate Change Conference of the Parties 2021 (COP 26 / 31 October-13 November 2021), Speak @ 3 November 2021, Glasgow / Scotland.
3. **Köse, U.** "Superintelligence and Technological Singularity", Scientific Methods in Academic Research and Teaching 2018 (SMART 2018-7-10 June 2018), Speak @ 8 June 2018, Bacau-Iasi / Romania.
4. **Köse, U.** "Are We Safe Enough in the Future of Artificial Intelligence? A Discussion on Machine Ethics and Artificial Intelligence Safety", Scientific Methods in Academic Research and Teaching 2017 (SMART 2017-8-9 September 2017), Speak @ 8 September 2017, Timisioara / Romania, Published: *Broad Research in Artificial Intelligence and Neuroscience*, 9(2), 184-197, 2018.

International Conference / Symposium / Congress…etc. Papers:

1. Işık, A. H., Ersoy, M., **Köse, U.**, Türkçetin A. Ö. and Çolak, R., "Deep Learning Based Classification Method for Sectional MR Brain Medical Image Data", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2020), Antalya, Turkey, 2020, Published in 2021, (Published by Springer).
2. **Köse, U.**, Ersoy, M. and Türkçetin, A. Ö., "Time Series Analysis on EEG Data with LSTM", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2020), Antalya, Turkey, 2020, Published in 2021, (Published by Springer).
3. Alaff, A. J. I., Mukhairez, H. H. A. and **Köse, U.**, "An Explainable Artificial Intelligence Model for Detecting COVID-19 with Twitter Text Classification: Turkey Case", International Conference on Computing and Communication Systems (I3CS 2020), India, Published in 2021 (Published by Springer).
4. Deperlioğlu, Ö. and **Köse, U.**, "Underwater Image Enhancement with Dark Channel Prior Based Image Dehazing and Histogram Equalization", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 2019 (Published by Springer).
5. Yiğit, T., Çelik, S. and **Köse, U.**, "Artificial Intelligence for Improving Physical Medical Device Using Experience", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 2019 (Published by Springer).
6. Koçak, Ç., Işık, A. H. and **Köse, U.**, "Ortam Zekâsı Örneği: Akıllı Arı Kovanı", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 2019.
7. Yeşil, T., Akyüz, F. and **Köse, U.**, "Forecasting Housing Prices by Using Artificial Neural Networks", International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2019), Antalya, Turkey, 2019 (Published by Springer).
8. Koçak, Ç., and **Köse, U.**, "Neden Teknolojik Tekillik?", International Conference on Technology and Science (Techno-Science 2019), Burdur, Turkey, 2019.
9. **Köse, U.**, "A Hybrid SVM-WOA Approach for Intelligent Fault Diagnosis Applications", International Conference on Innovations in Intelligent Systems and Applications (ASYU-INISTA 2019), Izmir, Turkey, 2019 (Published by IEEE).
10. **Köse, U.** and Deperlioğlu, Ö., "Electro-Search Algorithm and Autoencoder Based Recurrent Neural Network for Practical Medical Diagnosis", International Conference on Innovations in Intelligent Systems and Applications (ASYU-INISTA 2019), Izmir, Turkey, 2019 (Published by IEEE).
11. **Köse, U.** and Deperlioğlu, Ö., "Adversarial Examples as a Threat for Artificial Intelligence Safety in Biomedical Engineering Problems", International Conference on Data Science and Applications (ICONDATA 2019), Balikesir, Turkey, 2019.
12. Deperlioğlu, Ö. and **Köse, U.**, "An Intelligent Medical Diagnosis System with Tree-Seed Algorithm Trained Support Vector Machines", International Conference on Data Science and Applications (ICONDATA 2019), Balikesir, Turkey, 2019.
13. **Köse, U.**, "Techniques for Adversarial Examples Threatening the Safety of Artificial Intelligence Based Systems", International Science and Innovation Congress 2019 (INSI 2019), Denizli, Turkey, 2019.

14. **Köse, U.**, "Occurrence of a Cyber Security Eco-System: A Nature Oriented Project and Evaluation of an Indirect Social Experiment", International Scientific and Vocational Studies Congress-Engineering 2019 (BILMES EN 2019), Nevsehir, Turkey, 2019.

15. Koçak, Ç., Bilen, M. and **Köse, U.**, "Nesnelerin Internetinden Ortam Zekasına Yolculuk", International Marmara Sciences Congress (IMASCON 2019), Kocaeli, Turkey, 2019.

16. Deperlioğlu, Ö. and **Köse, U.**, "Practical Method for the Underwater Image Enhancement with Adjusted CLAHE", International Conference on Artificial Intelligence and Data Processing 2018 (IDAP 2018), Malatya, Turkey, 2018 (Published by IEEE).

17. Deperlioğlu, Ö. and **Köse, U.**, "Yeniden Eğitilmiş Sinir Ağları Kullanarak Diabet Tespiti", International Conference on Artificial Intelligence and Data Processing 2018 (IDAP 2018), Malatya, Turkey, 2018 (Published by IEEE).

18. Deperlioğlu, Ö. and **Köse, U.**, "Diagnosis of Diabetic Retinopathy by Using Image Processing and Convolutional Neural Network (*In Turkish*)", International Symposium on Multidisciplinary Studies and Innovative Technologies 2018 (ISMSIT 2018), Ankara, Turkey, 2018 (Published by IEEE).

19. Deperlioğlu, Ö. and **Köse, U.**, "Diagnosis of Diabetes by Using Deep Neural Network (*In Turkish*)", International Symposium on Multidisciplinary Studies and Innovative Technologies 2018 (ISMSIT 2018), Ankara, Turkey, 2018 (Published by IEEE).

20. Zubov, D., **Köse, U.**, Ramadhan, A. J. and Kupin, A., "Mesh Network of eHealth Intelligent Agents in Smart City: A Case Study on Assistive Devices for Visually Impaired People", International Workshop on Informatics & Data-Driven Medicine 2018 (IDDM 2018), Lviv, Ukraine, 2018.

21. Akyüz, F., **Köse, U.** and Yeşil, T., "Cryptocurrency: Bitcoin Accounting (*In Turkish*)", International Congress on Accounting and Finance Research 2018 (ICAFR 2018), İzmir, Turkey, 2018.

22. **Köse, U.** and Pavaloiu, A., "A Cross-Cultural Perspective on the Societal Impact of Artificial Intelligence", International Virtual Conference on Advanced Scientific Results / Online Scientific Conference 2017 (ScieConf 2018), Slovakia, 2018.

23. Öznacar, B. and **Köse, U.** "An Intelligent Decision Support System for Educational Management in Universities", Scientific Methods in Academic Research and Teaching 2018 (SMART 2018), Bacau, Romania, 2018.

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25. Deperlioğlu, Ö., **Köse, U.** and Güraksın, G. E., "Underwater Image Enhancement with HSV and Histogram Equalization", International Conference on Advanced Technologies 2018 (ICAT 2018), Antalya, Turkey, 2018.

26. Gençer, E. and **Köse, U.**, "How Personal Background Information About A Speaker Influence The Learning: A Study On Ted-Talk Video" (*Abstract*), International Conference on Education in Mathematics, Science and Technology 2018 (ICEMST 2018), Muğla, Turkey, 2018.

27. Yılmaz, Y., **Köse, U.**, Çelik, S., Çankaya, Ş. F. and Çankaya, İ. A. "An Arduino Based System for Calculating the Average Life Time of a Person via Indoor Oxygen Content",2018 Electric Electronics, Computer Science, Biomedical Engineerings' Meeting 2018 (EBBT 2018), İstanbul, Turkey, 2018 (Published by IEEE).

28. **Köse, U.**, Uğur, S. and Vasant, P. "Design and Development of a Diagnosis System with a SVM-VOA Hybrid Model Approach", International Virtual Research Conference in Technical Disciplines 2017 (RCITD 2017), 45 - 51, DOI: 10.18638/rcitd.2017.5.1.108, Slovakia, 2017.

29. **Köse, U.** and Vasant, P., "Fading Intelligence Theory: A Theory on Keeping Artificial Intelligence Safety for the Future", International Conference on Artificial Intelligence and Data Processing 2017 (IDAP 2017), Malatya, Turkey, 2017 (Published by IEEE).

30. Boz, H. and **Köse, U.** "Emotion Extraction from Facial Expressions by Using Artificial Intelligence Techniques", Scientific Methods in Academic Research and Teaching 2017 (SMART 2017), Timisioara, Romania, 2017, Published: *Broad Research in Artificial Intelligence and Neuroscience*, 9(1), 5-16, 2018.

31. **Köse, U.** and Gezer, B., "Optimum Conditions for Obtaining Boric Acid from Tincal with UAE and Swarm Intelligence Based Optimization", International Scientific and Vocational Studies Congress 2017 (BILMES 2017), Nevsehir, Turkey, 2017, Published also as article in:

Gezer, B. and Köse, U. International Refereed Journal of Engineering and Sciences (UHMFD), 12, 47-70, 2018, DOI: 10.17366/uhmfd.2018.1.3.

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33. Pavaloiu, A., **Köse, U.** and Boz, H., "How to Apply Artificial Intelligence (AI) in Social Sciences? *(Extended Abstract)*", International Applied Social Sciences Congress (IASOS 2017), Usak, Turkey, 2017.

34. **Köse, U.** and Pavaloiu, A., "Dealing with Machine Ethics in Daily Life: A View with Examples", International Virtual Conference on Advanced Scientific Results / Online Scientific Conference 2017 (ScieConf 2017), 200-205, DOI: 10.18638/scieconf.2017.5.1.454, Slovakia, 2017.

35. Tüfekçi, A., Güzeldereli, E. A. and **Köse, U.**, "Examination of Proficiency of Associate Degree Students on Using Information and Communication Technologies (*Önlisans Öğrencilerinin Bilgi ve İletişim Teknolojilerini Kullanımına İlişkin Yeterliliklerinin İncelenmesi*)", The 11th International Computer and Instructional Technologies Symposium 2017 (ICITS 2017), Malatya, Turkey, 2017.

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39. **Köse, U.**, Demir, A., Armutlu, H. and Sert, S., "A Software System for Intelligent Mathematical Optimization of Content Marketing", QUAESTI: The 4th Virtual Multidisciplinary Conference 2016 (QUAESTI 2016), 131 - 136, Zilina, Slovakia, 2016.

40. **Köse, U.** and Sert, S., "Intelligent Content Marketing with Artificial Intelligence", International Conference of Scientific Cooperation for Future 2016 (SCFCONF 2016), Usak, Turkey, 2016.

41. Güraksın, G. E., **Köse, U.** and Deperlioğlu, Ö., "Underwater Image Enhancement Based On Contrast Adjustment via Differential Evolution Algorithm", International Symposium on Innovations in Intelligent Systems and Applications 2016 (INISTA 2016), Sinaia, Romania, 2016 (Published by IEEE).

42. Güler, G. and **Köse, U.**, "Intelligent Optimization for Logistics", International Virtual Conference on Advanced Scientific Results / Online Scientific Conference 2016 (ScieConf 2016), 131 - 137, DOI: 10.18638/scieconf.2016.4.1.380, Slovakia, 2016.

43. Deperlioğlu, Ö., **Köse, U.** and Güraksın, G. E., "The Role of Vocational Schools in Turkish Education System: Expectations, Current State, and Suggestions (*Türk Eğitim Sisteminde Meslek Yüksekokullarının Rolü: Beklentiler, Mevcut Durum ve Öneriler*)", International Vocational Schools Symposium 2016 (UMYOS 2016), 847 - 856, Prizren, Kosova, 2016.

44. **Köse, U.**, Güraksın, G. E. and Deperlioğlu, Ö., "Improving Underwater Image Quality via Vortex Optimization Algorithm", International Multidisciplinary Conference 2016 (IMUCO 2016), Antalya, Turkey, 327 - 333, 2016.

45. Sert, S. and **Köse, U.**, "Impact of Social Media on Marketing: A View on Success Stories", International Conference on Knowledge, Economy and Management 2014 (ICKEM 2014), Antalya, Turkey.

46. **Köse, U.**, "An Artificial Neural Networks Based Software System for Improved Learning Experience", International Conference on Machine Learning and Applications 2013 (ICMLA 2013), Miami, USA., 549 - 554, 2013, Published in 2014, (Published by IEEE).

47. **Köse, U.** and Arslan, A., "Design and Development of a Chaos-Based Image Encryption System", International Symposium on Chaos, Complexity and Leadership 2012 (ICCLS

2012), Ankara, Turkey, 23 - 28, Published by Springer, 2012, Published in 2014, (Published by IEEE).

48. **Köse, U.** and Arslan, A., "An Adaptive Neuro-Fuzzy Inference System-Based Approach to Forecast Time Series of Chaotic Systems", International Symposium on Chaos, Complexity and Leadership 2012 (ICCLS 2012), Ankara, Turkey, 17 - 22, 2012, Published in 2014, (Published by IEEE).

49. Tezel, G. and **Köse, U.,** "Headache Diagnosis by Using the Clonal Selection Algorithm", The 6th International Advanced Technologies Symposium (IATS 2011), Elazığ, Turkey, (3) 144 - 148, 2011.

50. Deperlioğlu, Ö., Ergün, E. and **Köse, U.,** "Using Data Mining Techniques in E-Learning", The International Symposium on Open and Distance Learning and International Council for Educational Media 2010 (IODL & ICEM 2010), Eskişehir, Turkey, 263 - 271, 2010.

51. Deperlioğlu, Ö. and **Köse, U.,** "Development of a Web 2.0 Based Learning Management System: @KU-UEMYO", The International Symposium on Open and Distance Learning and International Council for Educational Media 2010 (IODL & ICEM 2010), Eskişehir, Turkey, 209 - 225, 2010.

52. **Köse, U.,** "Social Interaction Problems in Internet Based Distance Education and a System Suggestion", The 4rd International Computer and Instructional Technologies Symposium (ICITS 2010), Konya, Turkey, 712-716, 2010.

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55. **Köse, U.,** "Developing An Online E-Learning System for Teaching Fundamentals of Object Oriented Programming", International Technology, Education and Development Conference 2010 (INTED 2010), Valencia, Spain, 005246-005255, 2010.

56. Yalçın, N. and **Köse, U.,** "Sending E-Mail with an Encrypting Algorithm Based On Private-Key Encryption", International Conference on Information and Communication Systems 2009 (ICICS 2009), Amman, Jordan, 33-37, 2009.

57. **Köse, U.,** "Teach-MS: Developing A Management System for M-Learning", The 5th International Conference on Open and Distance Learning (ICODL 2009), Athens, Greece, (D) 69-77, 2009.

58. **Köse, U.,** "An Advanced M-Learning System for Teaching Artificial Intelligence Techniques", International Conference of Education, Research and Innovation 2009 (ICERI 2009), Madrid, Spain, 006874-006882, 2009.

59. **Köse, U.,** "An Online Three Dimensional E-Learning Environment for High School Education", International Conference of Education, Research and Innovation 2009 (ICERI 2009), Madrid, Spain, 006767-006775, 2009.

60. Yalçın, N. and **Köse, U.,** "A Web Based Education System for Teaching and Learning Fuzzy Logic", The 3rd International Computer and Instructional Technologies Symposium (ICITS 2009), Trabzon, Turkey, 378-385, 2009.

61. **Köse, U.,** "Developing an Online Computer System Simulator for Education", International Conference on Education and New Learning Technologies 2009 (EDULEARN09), Barcelona, Spain, 001698-001709, 2009.

National Conference / Symposium / Congress…etc. Papers:

1. Yeşil, T. and **Köse, U.,** "Karayolu Yolcu ve Yük Taşımacılığında Sürücü Mesleki Yeterlilik Belgesi (SRC) Sınavı ile Yönetmeliklerinin Değerlendirilmesi ve Teknolojik Bağlamda Sistem Önerileri [*Assessment of the Examination and Regulations for the Certificate of Driver's Vocational Competence (SRC) in Highway Passenger and Freight Transportation and System Recommendations in the Technological Context*]" (*Abstract-In Turkish*), Education Sciences and Social Sciences Symposium 2017 (RESSCONGRESS 2017), Burdur, Turkey, 2017.

2. Köse, U. and **Köse, U.,** "Kayıtlı E-Posta Kullanım Sürecinde Ortaya Çıkabilecek Bazı Hukuki Durumlar (*Some Judicial Situations That May Appear During Use of Recorded E-Mail*)", Conference of Internet in Turkey 2016, Ankara, Turkey, 2016.

3. Deperlioğlu, Ö., Güraksın, G. E. and **Köse, U.**, "Web Tabanlı Karar Destek Sistemleri: Yapıları ve Özellikleri (*Web-Based Decision Support Systems: Features and Development*)", Academic Informatics 2016, Aydın, Turkey, 2016.
4. **Köse, U.**, "WebALGO: Algoritma Öğreniminde Internet Tabanlı Bir Eğitimsel Materyal Geliştirilmesi (*WebALGO: Development of an Internet Based Educational Material on Learning Algorithm*)", Conference of Internet in Turkey 2015, İstanbul, Turkey, 2015.
5. **Köse, U.**, Güraksın, G. E. and Deperlioğlu, Ö., "Girdap Optimizasyon Algoritması Tabanlı Destek Vektör Makineleri ile Diyabet Tespiti (*Diabetes Determination via Vortex Optimization Algorithm Based Support Vector Machines*)", Medical Technologies National Conference 2015, Muğla, Turkey, (*International:* Published by IEEE), 2015.
6. Genç, O. and **Köse, U.**, "Siber Suçlarla Mücadelede Önleyici Faaliyetler: 'Bilinçli Bilişim Temiz Toplum' Projesi (*Preventive Activities in Fighting Against Cybercrimes: 'Concious Informatics Clean Society' Project*)", Conference of Internet in Turkey 2014, İzmir, Turkey, 2014.
7. Köse, U. and **Köse, U.**, "Çevrimiçi Bilgisayar Oyunlarına İlişkin Bazı Hukukî Problemlerin Türk Hukuku Bağlamında Değerlendirilmesi (*Evaluation of Some Judicial Problems Related to Online Computer Games in the Sense of Turkish Law*)", Conference of Internet in Turkey 2014, İzmir, Turkey, 2014.
8. Deperlioğlu, Ö., Güraksın, G. E. and **Köse, U.**, "Türk Eğitim Sisteminde Bilişim Teknolojileri Eğitiminin Yeri (*The Role of IT Training in Turkish Educational System*)", Academic Informatics 2014, Mersin, Turkey, 2014.
9. Köse, U. and **Köse, U.**, "Siber Suçlara Karşı Türk Hukukundaki Cezaî Yaptırımların Yeterliği (*Competency of Criminal Sanctions of Turkish Law against Cyber-Crimes*)", Conference of Internet in Turkey 2013, İstanbul, Turkey, 2013.
10. **Köse, U.**, and Koç, D. "Bilişim Suçlarıyla Mücadelede Üniversite ve Emniyet İşbirliği: Bir Eğitim Süreci (*University and Police Cooperation in Fighting Against Cybercrimes: An Education Process*)", Academic Informatics 2013, Antalya, Turkey, 2013.
11. Kıyak, O., **Köse, U.**, Koç, D. and Bulut, R. "Akademik Dünya için Yetenekli Bir Web/İçerik Yönetim Sisteminin Geliştirilmesi (*Development of an Easy-to-use, High Standard Web/Content Management System for Universities and Academic Units*)", Conference of Internet in Turkey 2012, Eskişehir, Turkey, 2012.
12. **Köse, U.**, and Çal, Ö. "Web 2.0 Servislerinin Sosyolojik Değerlendirilmesi (*Sociologic Evaluation of Web 2.0 Services*)", Academic Informatics 2012, Uşak, Turkey, 2012.
13. Deperlioğlu, Ö. and **Köse, U.**, "Web 2.0 Teknolojilerinin Eğitim Üzerindeki Etkileri ve Örnek Bir Öğrenme Yaşantısı (*Effects of Web 2.0 Technologies on Education and an Example Learning Experience*)", Academic Informatics 2010, Muğla, Turkey, 337-342, 2010.
14. Yalçın, N. and **Köse, U.**, "Internet Tabanlı Bir Uzaktan Eğitim Sisteminin Geliştirilmesi: E–Liderlik (*Development of an Internet Based Distance Education System: E-Leadership*)", Academic Informatics 2009, Şanlıurfa, Turkey, 69-77, 2009.

International Projects:

1. "Enter Unity-EU4U", Erasmus+ KA1: Learning Mobility of Individuals - Youth Mobility Project, Uşak University-CSARC (Computer Sciences Application and Research Center) / BUYAMER (As the Director of the Partner Organization), Project Period: 01.08.2016 - 30.04.2017.

National Projects:

1. "STING: Dijital İkiz Yönelimli Derin Öğrenme ile Çocukluk Çağı Akut Lösemisi İçin İlaç Yeniden Konumlandırma Karar Destek Sistemi Geliştirilmesi (*STING: Development of a Drug Repositioning Decision Support System for Childhood Acute Leukemia by Digital Twin-Oriented Deep Learning*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 1001 Project, Project No: 123E383, As the Project Manager / Principal Researcher, (*In Progress*).
2. "IoT Sızma Testleri İçin Üretici Yapay Zeka Destekli Web Platformu Geliştirilmesi (*Development of a Generative Artificial Intelligence Supported Web Platform for IoT Penetration Tests*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 2209-A Project, Danışman Olarak, (*In Progress*).

3. "İMECE: Çevrimiçi Zeki Akran Öğrenme Sisteminin Geliştirilmesi (*IMECE: Development of an Online Intelligent Peer Learning System*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 1001 Project, Project No: 119K767, As the Researcher/Expert, Ended in 2023.
4. "Bilimin Işığında Parlayanlar (*The Ones Shining in the Light of Science*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 4007-Science Festivities Project, Project No: 121B178, As the Workshop Leader, Ended in 2021.
5. "Teknolojiye Dokun (*Touch to the Technology*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 4007-Science Festivities Project, Project No: 119B227, As the Workshop Leader, Ended in 2021.
6. "Bir Siber Güvenlik Macerası (*A Cyber Security Adventure*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 4004-Nature Education and Science Schools Project, Project No: 118B289, As the Administrator, Ended in 2019.
7. "Artırılmış Gerçeklikle Dünyamı Tasarlıyorum (*I am Designing My World with Augmented Reality*)", TÜBİTAK (The Scientific and Technological Research Council of Turkey) 4004-Nature Education and Science Schools Project, As the Researcher/Expert, Ended in 2019.
8. "Uşak Turizm Tanıtım Görsellerinin Etkinliğinin Tespiti ve Etkin Tanıtım Materyali Geliştirme: Nöropazarlama Araçları ve Yapay Sinir Ağı Kullanarak Algoritma Geliştirme Ar-Ge Çalışması (*Detecting Effectiveness of Uşak Tourism Promotion Images and Developing Effective Promotional Material: Algorithm Development R & D Study by Using Neuro-Marketing Tools and Artificial Neural Network*)", Usak University-Commission of Scientific Research Projects, Project No: 2017/HD-SOSB004, As the Researcher, Ended in 2018.
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2. **Köse, U.**, Özsoy, K. and Aksoy, B., "Yapay Zeka – Ortaokul Kitabı (*Artificial Intelligence – Middle School Book*)", Deneyap Technology Workshops, TÜBİTAK Press, 2023.
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1. **Köse, U.**, "Artificial Intelligence, Computerization of Consciousness and Immortality *(In Turkish)*", *Science and the Utopia*, 2023.
2. **Köse, U.**, "Artificial Intelligence and Algorithm: Fire and Gunpowder *(In Turkish)*", *Science and the Utopia*, 2022.
3. **Köse, U.**, "Artificial Intelligence and Human Intelligence: Who Is Smarter, Who Can Manage? *(In Turkish)*", *Science and the Utopia*, 2022.
4. **Köse, U.**, "Artificial Intelligence and Cyber Wars: Current and Future Evaluations in the Context of COVID-19 (*In Turkish*)", *CyberMag Magazine*, 55, 2020.
5. **Köse, U.**, "Artificial Intelligence and Cyber Wars of the Future (*In Turkish*)", *TÜBİTAK (The Scientific and Technological Res. Council of Turkey) Science and Technic Magazine*, Year: 52, Issue: 618, 76-84, 2019.
6. **Köse, U.**, "Cloud Securit (*In Turkish*)", *Safe Days Newsletter*, April 2019.
7. **Köse, U.**, "Artificial Intelligence: Paradoxes in the Science of the Future *(In Turkish)*", *Popular Science Magazine*, Year: 25, Issue: 261, 12-21, 2018.
8. **Köse, U.**, "Artificial Intelligence and the Future: Should We Worry? *(In Turkish)*", *Science and the Utopia*, Year: 24, Issue: 284, 39-44, 2018.

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1. **Köse, U.**, "Yapay Zekâ Tabanlı Optimizasyon Algoritmaları Geliştirilmesi (*Development of Artificial Intelligence Based Optimization Algorithms*)", Doctor of Science (PhD.) Thesis, Selçuk University-Institute of Natural and Applied Science, Dept. of Computer Engineering, 2017.
2. **Köse, U.**, "Bulanık Mantık ve Yapay Sinir Ağları için Eğitim Yazılımı Geliştirilmesi (*Developing Education Software for Fuzzy Logic and Artificial Neural Networks*)", Master of Science Thesis, Afyon Kocatepe University-Institute of Science and Technology, Dept. of Computer, 2010.
3. **Köse, U.**, "Radyo Kontrollü Dört Yönlü Gezgin Robot Benzetimi Üzerine Bir Çalışma (*A Study on Simulation of Radio Controlled Four Way Traveller Robot*)", Bachelor of Science Thesis, Gazi University-Faculty of Industrial Arts Education, Dept. of Computer Education, 2008.

Publications Cited:

Total Citation: 3400
h index: 30
h-10 index: 72

Distribution among the publications (the first 10 publications are provided; please visit the profile for most recent rates and all cited publications):

1. A blended learning model supported with Web 2.0 technologies (286 times).
2. An enhanced diabetic retinopathy detection and classification approach using deep convolutional neural network (212 times).
3. Web 2.0 Teknolojilerinin Eğitim Üzerindeki Etkileri ve Örnek Bir Öğrenme Yaşantısı (202 times).
4. Pros and Cons Gamification and Gaming in Classroom (194 times).
5. What is search engine optimization: SEO? (185 times).
6. The effectiveness and experiences of blended learning approaches to computer programming education (115 times).
7. An augmented reality based mobile software to support learning experiences in computer science courses (87 times).
8. A web based system for project-based learning activities in "web design and programming" course (70 times).
9. Diagnosis of heart diseases by a secure Internet of Health Things system based on Autoencoder Deep Neural Network (59 times).
10. An efficient malware detection approach with feature weighting based on Harris Hawks optimization (52 times).
11. *...for rest of the list:* **Google Scholar**

MSc. and PhD. Supervising:

Supervising Count:

1. MSc.: 9 Active Students (7 National + 2 International), 6 Graduated Students (5 National + 1 International)
2. PhD.: 8 Active Students (6 National + 2 International), 2 Graduated Students (2 National)

Completed Supervised Thesis:

1. Development of a Deep Learning Based System for the Treatment of Scoliosis with the Schroth Method (*Turkish;* PhD. / **Sena Goral**), **Completed: 2022**.
2. Computational Drug Discovery in the Friedreich Ataxy Model: Explainable AI Technology (*Turkish*; MSc.- Co-Supervisorship / **Kevser Kübra Kırboğa**), **Completed: 2022**.
3. Manipulation of Artificial Intelligence in Image Based Data: Adversarial Examples Techniques (*Turkish*; MSc. / **Emsal Aynacı**), **Completed: 2021**.
4. Modeling of Trading Decision Support System with Deep Learning Based Object Recognition Algorithms (*Turkish;* PhD.-Co-Supervisorship / **Günay Temür**), **Completed: 2021**.
5. Classification of Epileptic EEG Time Series with Alternative Machine Learning Techniques (*Turkish*; MSc. / **Beyda Çağlıyan**), **Completed: 2021**.
6. Greenhouse Environment Controls with Fuzzy Logic Based Hybrid Machine Learning Systems (*Turkish*; MSc. / **Ahmet Erkam Karaburun**), **Completed: 2021**.
7. Developing Artificial Intelligence Based Mobile Expert System Application for Personal Health Support (*Turkish*; MSc. / **İsmail Ali Afrah**), **Completed: 2020**.
8. Diagnosis of Diabetic Retinography Disease by Using Image Processing and Convolutional Neural Network (*Turkish*; MSc. / **Tolga Tükel**), **Completed: 2019**.

Memberships/Reviewerships/Event Support:

International Organizational Memberships:
1. IEEE (Senior Member)
2. IEEE Computer Society (Society Member)
3. IEEE Systems, Man, and Cybernetics Society (Society Member)
4. IEEE Young Professionals Society (Society Member)
5. ACM (Professional Member)

International Institutional Reviewerships:
6. EUREKA Eurostars Technical Expert / Reviewer-European Union

International Journal Editorial Board Membership:
7. Computer and Information Science-CCSE
8. Computer Technology and Application-David Publishing
9. Ethics in Robotics and Artificial Intelligence-Frontiers (*Review Editor*)
10. European Journal of Renewable Energy-Academic Publishing House Researcher
11. Experimental Results-Cambridge University Press
12. IEEE Access-IEEE
13. International Journal of Artificial Intelligence and Applications-AIRCC
14. International Journal of Computing and Optimization-Hikari Ltd.
15. International Journal of Hyperconnectivity and the Internet of Things-IGI Global
16. International Journal of Informatics Technologies-Gazi University, Informatics Institute (2018-2020)
17. International Journal of Internet of Things and Cyber-Assurance-Inderscience
18. International Journal of Internet of Things and Its Applications-SERSC
19. International Journal of Wearable Device-GV School Publication
20. Journal of Multidisciplinary Developments-Utku Kose
21. Material Science Research India-Oriental Scientific Publishing
22. Quantum Computing and Applications-ASPG
23. Süleyman Demirel University Journal of Nature Sciences Institute-Süleyman Demirel University, Natural Sciences Institute
24. The Research Journal of Artificial Intelligence and Machine Learning-UPI

International Journal Reviewing:
Due to intense reviewing requests and processes, this list is not updated frequently as of February 2022:
1. ACM Transactions on Asian and Low-Resource Language Information Processing-ACM
2. ACM Transactions on Internet Technology-ACM
3. ACM Transactions on Multimedia Computing Communications and Applications-ACM
4. Ad Hoc Networks-Elsevier
5. Advances in Data Science and Adaptive Analysis-World Scientific
6. Advances in Materials Science and Engineering-Hindawi
7. Advances in Research-Sciencedomain International
8. Advances in Science, Technology and Engineering Systems Journal-ASTES
9. Afyon Kocatepe University Journal of Nature and Engineering Sciences-Afyon Kocatepe University, Natural Sciences Institute
10. Alexandria Engineering Journal-Elsevier
11. American Journal of Experimental Agriculture-Sciencedomain International
12. American Journal of Software Engineering and Applications-SciencePG
13. Annals of Telecommunications-Springer
14. Annual Research & Review in Biology-Sciencedomain International
15. Applied Sciences-MDPI
16. Applied Soft Computing-Elsevier
17. Arabian Journal for Science and Engineering-Springer
18. Archives of Current Research International-Sciencedomain International

19. Artificial Intelligence in Medicine-Elsevier
20. Artificial Intelligence Review-Springer
21. AshEse Journal of Engineering-AshEse Visionary
22. Asian Journal of Advances in Agricultural Research-Sciencedomain International
23. Asian Journal of Agricultural Extension, Economics and Sociology-Sciencedomain International
24. Asian Journal of Biotechnology and Genetic Engineering-Sciencedomain International
25. Asian Journal of Current Research-International Knowledge Press
26. Asian Journal of Economics, Business and Accounting-Sciencedomain International
27. Asian Journal of Education and Social Studies-Sciencedomain International
28. Asian Journal of Geographical Research-Sciencedomain International
29. Asian Journal of Geological Research-Sciencedomain International
30. Asian Journal of Language, Literature and Culture Studies-Sciencedomain International
31. Asian Journal of Mathematics and Computer Research-International Knowledge Press
32. Asian Journal of Pediatric Research-Sciencedomain International
33. Asian Journal of Probability and Statistics-Sciencedomain International
34. Asian Journal of Research in Computer Science-Sciencedomain International
35. Asian Journal of Research and Review in Physics-Sciencedomain International
36. Asian Research Journal of Arts and Social Sciences-Sciencedomain International
37. Asian Research Journal of Mathematics-Sciencedomain International
38. Assistive Technology-Taylor and Francis
39. Asya Studies-Mehmet Akif Kara
40. Big Data-Mary Ann Liebert, Inc.
41. Big Data and Cognitive Computing-MDPI
42. Biomedical and Pharmacology Journal-BPJ
43. Biosensors-MDPI
44. Bitlis Eren University Journal of Science (*Bitlis Eren Üniversitesi Fen Bilimleri Dergisi*)-Bitlis Eren University
45. BMC Medical Informatics and Decision Making-BioMed Central
46. BMJ-The British Medical Association
47. British Journal of Applied Science and Technology-Sciencedomain International
48. British Journal of Economics, Management and Trade-Sciencedomain International
49. British Journal of Education, Society and Behavioural Science-Sciencedomain International
50. British Journal of Mathematics and Computer Science-Sciencedomain International
51. British Journal of Medicine and Medical Research-Sciencedomain International
52. Broad Research in Artificial Intelligence and Neuroscience-EduSoft Publishing
53. Central European Journal of Operations Research-Springer
54. Cities-Elsevier
55. Cognitive Computation-Springer
56. Cognitive Systems Research-Elsevier
57. Complex Adaptive Systems Modeling-Springer
58. Complex and Intelligent Systems-Springer
59. Computational Intelligence-Wiley
60. Computer and Information Science-CCSE
61. Computer Applications in Engineering Education-Wiley
62. Computer Communications-Elsevier
63. Computer Languages, Systems & Structures-Elsevier
64. Computer Methods and Programs in Biomedicine-Elsevier
65. Computer Networks-Elsevier
66. Computer Technology and Application-David Publishing
67. Computer Vision and Image Understanding-Elsevier
68. Computers-MDPI
69. Computers and Electronics in Agriculture-Elsevier
70. Computers and Education-Elsevier
71. Computers and Electrical Engineering-Elsevier
72. Computers in Human Behavior-Elsevier
73. Computers, Materials and Continua-Tech Science Press
74. Concurrency and Computation: Practice and Experience-Wiley
75. Current Bioinformatics-Bentham

76. Current Journal of Applied Science and Technology-Sciendomain International
77. Cyber-Physical Systems-Taylor & Francis
78. Çukurova University Faculty of Education Journal (*Çukurova Eğitim Fakültesi Dergisi*)-Çukurova University, Faculty of Education
79. Data-MDPI
80. Digital Signal Processing-Elsevier
81. Earth Science Informatics-Springer
82. Eastern Anatolian Journal of Science-Ağrı İbrahim Çeçen University
83. Ecoforum Journal-"Stefan cel Mare" University of Suceava
84. Education and Information Technologies-Springer
85. Education Sciences-MDPI
86. E-Journal of New World Sciences Academy-NWSA
87. Electronic Commerce Research-Springer
88. Energies-MDPI
89. Energy Systems-Springer
90. Enterprise Information Systems-Taylor & Francis
91. EURASIP Journal on Image and Video Processing-Springer
92. European Journal of Engineering Education-Taylor and Francis
93. European Journal of Science and Technology-Osman Sağdıç
94. Experimental Results-Cambridge University Press
95. Expert Systems-Wiley
96. Expert Systems with Applications-Elsevier
97. Frontiers in Human Neuroscience-Frontiers
98. Frontiers in Robotics and AI-Frontiers
99. Future Generation Computer Systems-Elsevier
100. Future Science OA-FSG
101. Gazi University Journal of Engineering and Architecture-Gazi University
102. Gazi University Journal of Science-Gazi University
103. Gazi Journal of Engineering Sciences - Gazi University
104. Heliyon-Elsevier
105. Health Informatics Journal-SAGE
106. IEEE Access-IEEE
107. IEEE Computational Intelligence Magazine-IEEE
108. IEEE Internet of Things Journal-IEEE
109. IEEE Internet of Things Magazine-IEEE
110. IEEE Journal of Biomedical and Health Informatics-IEEE
111. IEEE Journal on Selected Areas in Communications-IEEE
112. IEEE Micro-IEEE
113. IEEE Transactions on Education-IEEE
114. IEEE Transactions on Evolutionary Computation-IEEE
115. IEEE Transactions on Fuzzy Systems-IEEE
116. IEEE Transactions on Industrial Informatics-IEEE
117. IET Electronic Letters-IET-Wiley
118. IET Image Processing-IET
119. IET Software-IET
120. Indian Journal of Science and Technology-Indian Society of Education and Environment
121. Informatics-MDPI
122. Informing Science: The International Journal of an Emerging Transdiscipline-ISI
123. Intelligent Decision Technologies: An International Journal-IOS Press
124. Interactive Learning Environments-Taylor and Francis
125. Interdisciplinary Journal of e-Skills and Lifelong Learning-ISI
126. Interdisciplinary Journal of Information, Knowledge, and Management-ISI
127. International Journal of Artificial Intelligence and Applications-AIRCC
128. International Journal of Assessment Tools in Education-Pamukkale University, Faculty of Education
129. International Journal of Biometrics-Inderscience
130. International Journal of Cognitive Computing in Engineering-KeAi Publishing
131. International Journal of Communication Systems-Wiley
132. International Journal of Community Development and Management Studies-ISI

133. International Journal of Computational Vision and Robotics-Inderscience
134. International Journal of Computer Assisted Radiology and Surgery-Springer
135. International Journal of Computer Science and Information Technology-AIRCC
136. International Journal of Computing and Optimization-Hikari
137. International Journal of Educational Technology in Higher Education-Springer
138. International Journal of Energy Optimization and Engineering-IGI Global
139. International Journal of Engineering Education-Tempus Publications
140. International Journal of Forensic Software Engineering-Inderscience
141. International Journal of Fuzzy Logic Systems-Wireilla
142. International Journal of Fuzzy Systems-Springer
143. International Journal of Informatics Technologies-Gazi University, Informatics Institute
144. International Journal of Information Communication Technologies and Human Development-IGI Global
145. International Journal of Innovative Computing and Applications-Inderscience
146. International Journal of Intelligent Systems-Wiley
147. International Journal of Internet of Things and Cyber-Assurance-Inderscience
148. International Journal of Machine Learning and Cybernetics-Springer
149. International Journal of Medical Informatics-Elsevier
150. International Journal of Modelling, Identification and Control-Inderscience
151. International Journal of Nanotechnology-Inderscience
152. International Journal of Network Security and Its Applications-AIRCC
153. International Journal of Software Engineering and Applications-AIRCC
154. Int. Jour. of Student Project Reporting in Engineering and Computing Science-Inderscience
155. International Journal of Web Based Communities-Inderscience
156. International Journal on Artificial Intelligence Tools-World Scientific
157. International Journal on Natural Language Computing-AIRCC
158. International Research Journal of Public and Environmental Health-JIssues
159. Journal of Advances in Mathematics and Computer Science-Sciencedomain International
160. Journal of Advances in Medicine and Medical Research-Sciencedomain International
161. Journal of Advances in Microbiology-Sciencedomain International
162. Journal of Ambient Intelligence and Humanized Computing-Springer
163. Journal of Applied Computer Science and Mathematics-"Stefan cel Mare" University of Suceava
164. Journal of Applied Physical Science International-International Knowledge Press
165. Journal of Basic and Applied Research International-International Knowledge Press
166. Journal of Computing in Higher Education-Springer
167. Journal of Digital Information Management-DIRF
168. Journal of Economics, Management and Trade-Sciencedomain International
169. Journal of Economics and Management-Economy University of Katowice
170. Journal of Education, Society and Behavioural Science-Sciencedomain International
171. Journal of Educational Technology and Online Learning-Gurhan Durak
172. Journal of Electronic Imaging-SPIE
173. Journal of Engineering Research and Reports-Sciencedomain International
174. Journal of Engineering Sciences and Design-Süleyman Demirel University, Faculty of Engineering
175. Journal of Experimental and Theoretical Artificial Intelligence-Taylor and Francis
176. Journal of Geography, Environment and Earth Science International-Sciencedomain International
177. Journal of Global Research in Education and Social Science-International Knowledge Press
178. Journal of ICT Research and Applications-ITB Journal Publisher
179. Journal of Imaging-MDPI
180. Journal of Information Technology Education: Innovations in Practice-ISI
181. Journal of Information Technology Education: Research-ISI
182. Journal of Modern Optics-Taylor and Francis
183. Journal of Multidisciplinary Developments-Utku Kose
184. Journal of Scientific Research and Reports-Sciencedomain International
185. Journal of Signal Processing Systems-Springer
186. Journal of Systems and Software-Elsevier
187. Journal of Uncertainty Analysis and Applications-Springer

188. Kastamonu University Journal of Engineering and Natural Sciences-Kastamonu University
189. Knowledge-Based Systems-Elsevier
190. Kuwait Journal of Science-Academic Publication Council Kuwait University
191. Learning and Individual Differences-Elsevier
192. Machine Learning Research-SciencePG
193. Material Science Research India-Oriental Scientific Publishing
194. Mathematical and Computational Applications-MDPI
195. Mathematical Problems in Engineering-Hindawi
196. Measurement-Elsevier
197. Mehmet Akif Ersoy University Journal of Nature Sciences Institute-Mehmet Akif Ersoy University, Natural Sciences Institute
198. Microprocessors and Microsystems-Elsevier
199. Minerals-MDPI
200. Mobile Information Systems-Hindawi
201. Multidimensional Systems and Signal Processing-Springer
202. Multimedia Tools and Applications-Springer
203. Neural Computing and Applications-Springer
204. Neural Networks-Elsevier
205. New Generation Computing-Springer
206. Open Computer Science-De Gruyter
207. PeerJ-PeerJ
208. Peer-to-Peer Networking and Applications-Springer
209. Physica A-Elsevier
210. Physical Science International Journal-Sciencedomain International
211. PLOS One-Public Library of Science
212. Polytechnic Journal-Gazi University
213. Physical Communication-Elsevier
214. Recent Patents on Computer Science-Bentham Science
215. Research Journal of Modern Institute of Computer Application-PES MICA
216. SAGE Open-SAGE
217. Selçuk University Journal of Engineering, Science and Technology-Selçuk University
218. Sensors-MDPI
219. Soft Computing-Springer
220. Software: Practice and Experience-Wiley
221. Studies in Higher Education-Taylor and Francis
222. Süleyman Demirel University Journal of Nature Sciences Institute-Süleyman Demirel University, Natural Sciences Institute
223. Sustainability-MDPI
224. Sustainable Cities and Society-Elsevier
225. Technology, Knowledge and Learning-Springer
226. The Anthropologist-KRE
227. The Journal of Engineering-IET
228. The Journal of Supercomputing-Springer
229. The Open Cybernetics and Systemics Journal-Bentham Open
230. The Scientific World Journal-Hindawi
231. The Turkish Online Journal of Distance Education-Anadolu Üniversitesi
232. Transactions on Emerging Telecommunications Technologies-Wiley
233. Turkey Informatics Foundation Computer Sciences and Engineering Journal-Turkey Informatics Foundation
234. Turkish Journal of Electrical Engineering & Computer Sciences-TUBITAK
235. Virtual Reality-Springer
236. Virtual Reality and Intelligent Hardware-KeAi / Elsevier
237. Wireless Networks-Springer
238. Wireless Personal Communications-Springer
239. WIREs Data Mining and Knowledge Discovery-Wiley

International Book Series Editorships:
1. Gupta, D. and **Köse, U.** Computational Modeling Applications for Existential Risks, Elsevier.

2. **Köse, U.**, Hemanth, J. and Deperlioğlu, Ö. Biomedical and Robotics Healthcare, CRC Press.

International Journal Special Issue -Guest- Editorships:
1. Special issue on deep network based industrial Internet of Things applications. Trans. Emerg. Telecommun. Technol. 32(7) (2021).
2. Special issue on 'Emerging trends in sustainable computing for pervasive and mobile intelligence'. Sustain. Comput. Informatics Syst. 32: 100612 (2021).
3. Special issue on COMPSE 2016 – Current Trends in Optimization Technology'. Intelligent Decision Technologies. 12(1) (2018).

International Edited Book Reviewing / Editorial Board Membership / Proposal Reviewing:
Due to intense reviewing requests and processes, this list is not updated frequently as of February 2022:
1. AI.-Enabled Intelligent 6G Networks and Apps., Wiley, (Book Proposal), 2021.
2. Handbook of ML. for Computational Optimization, CRC Press, (Book Proposal), 2021.
3. AI. and Industry 4.0: The next frontier in Industries, Elsevier, (Book Proposal), 2021.
4. Explainable AI. for Biomedical and Healthcare Apps., CRC Press, (Book Proposal), 2021.
5. Wearable Technologies, Elsevier, (Book Proposal), 2021.
6. Fog, Edge & Pervasive Computing, IEEE-Wiley, (Book Proposal), 2020.
7. Emerging Aspects of Healthcare Technologies, CRC Press, (Book Proposal), 2020.
8. Reinvention of Health Apps. in Society 5.0 using IoT, CRC Press, (Book Proposal), 2020.
9. Handbook of Comp. Methods and DL for Ophthalmology, Elsevier, (Book Proposal), 2020.
10. Research and Innovations in Data Protection and Privacy in Healthcare, CRC Press, (Book Proposal), 2020.
11. Data Protection and Privacy in Healthcare: Research and Innovations, CRC Press, (Book Chapter), 2020.
12. Security and Privacy in the Internet of Things, CRC Press, (Book Proposal), 2019.
13. Emerging Trends and the Role of Fog, Edge and Pervasive Computing in Intelligent IoT-Driven Applications, Wiley-IEEE Press, (Book Proposal), 2019
14. Content Based Image Classification, CRC Press, (Book Proposal), 2019.
15. Machine Learning: Theory and Practice, CRC Press, (Book Proposal), 2019.
16. Educational Networking (Lecture Notes in Social Networks), Springer, (Book Chapter), 2019.
17. A First Course in Artificial Intelligence, Bentham Science Publishers, (Book Proposal), 2018.
18. Nature Inspired Optimization for Image Processing, CRC Press, (Book Proposal), 2018.
19. Advanced Agro-Engineering Technologies for Rural Business Development, IGI Global, (Book Chapter), 2019.
20. Mobile Technologies and Augmented Reality in Open Education, IGI Global, (Book Chapter), 2016.
21. Modern Optimization Algorithms and Applications in Engineering and Economics, IGI Global, (Book Chapter), 2015.
22. Multicultural Awareness and Technology in Higher Education: Global Perspectives, IGI Global, (Book Chapter), 2014.

International Academic Conference / Symposium / Congress…etc. Chairmanship:
1. International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2023 [ICAIAME 2023 (03 - 05 November 2023)]
2. International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2022 [ICAIAME 2022 (21 - 22 May 2022)]
3. 6th EAI International Conference on Computer Science and Engineering in Health Services (COMPSE 2022)
4. International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2021 [ICAIAME 2021 (01 - 03 October 2021)]
5. 4th EAI International Conference on Computer Science and Engineering in Health Services (COMPSE 2020)
6. International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2020 [ICAIAME 2020 (09 - 11 October 2020)]

7. International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2019 [ICAIAME 2019 (20 - 22 April 2019)]

International Academic Conference / Symposium / Congress…etc. Committee Member / Reviewing:

Due to intense requests and processes, this list is not updated frequently as of February 2022:

1. 22nd International Conference on Distributed Computing and Networking (ICDCN 2021)
2. 1st International Conference on Innovative Trends in Engineering Technology and Management (ICITETM-2020)
3. 5th International Conference on Intelligent Information Technology (ICIIT 2020)
4. IEEE GLOBECOM 2020 Workshop on V2X Technologies and Advanced Security/Privacy
5. Innovations in Intelligent Systems and Applications Conference 2020 (ASYU 2020)
6. International Conference on Intelligent and Smart Computing in Data Analytics: ISCDA 2020
7. IEEE Workshop on Security Privacy for Distributed Ledger Technology (SP-DLT) 2020
8. ICMAI 2019 | 2019 4th International Conference on Mathematics and Artificial Intelligence
9. 8th International Conference on Soft Computing, Artificial Intelligence and Applications (2019)
10. International Conference on Information Technology and Education Technology (ITET 2019)
11. 2019 International Workshop on Artificial Intelligence and Education (WAIE 2019)
12. 18th European Conference on e-Learning
13. ITET 2019-2019 International Conference on Information Technology and Education Technology
14. Informing Science + IT Education Conferences 2019 [InSITE 2019 (30 June - 5 July 2019)]
15. International Scientific and Vocational Studies Congress [BILMES 2019 (27 - 30 June 2019)]
16. International Vocational Schools Symposium 2019 [UMYOS 2019 (11 - 13 June 2019)]
17. IEEE International Conference on Machine Learning and Applications 2018 [ICMLA 2018 (17 - 20 December 2018)]
18. Scientific Conference - Multidisciplinary Studies and Approaches 2018 [QUAESTI 2018 (10 - 15 December 2018)]
19. European Conference on e-Learning 2018 [ECEL 2018 (1 - 2 November 2018)]
20. International Conference on Artificial Intelligence and Applications 2018 [AI 2018 (27, 28 October 2018)]
21. International Conference Europe Middle East and North Africa on Information Systems and Technologies 2018 [EMENA-ISTL 2018 (25 - 27 October 2018)]
22. International Vocational Schools Symposium 2018 [UMYOS 2018 (16 - 18 October 2018)]
23. Informing Science + IT Education Conferences 2018 [InSITE 2018 (31 July - 5 August 2018)]
24. International Virtual Conference on Advanced Scientific Results [SCIECONF 2018 (25 - 29 June 2018)]
25. International Conference on Scientific Methods in Academic Research and Teaching 2018 [SMART 2018 (7 - 10 June 2018)]
26. International Conference on Mathematics and Artificial Intelligence 2018 [ICMAI 2018 (20 - 22 April 2018)]
27. EAI International Conference on Computer Science and Engineering 2018 [COMPSE 2018 (2 - 3 March 2018)]
28. Scientific Conference - Multidisciplinary Studies and Approaches 2017 [QUAESTI 2017 (9 - 16 December 2017)]
29. Research Conference in Technical Disciplines 2017 [RCITD 2017 (13 - 17 November 2017)]
30. Information Systems International Conference 2017 [ISICO 2017 (6 - 8 November 2017)]
31. International Conference on Computer Science and Engineering 2017 [COMPSE 2017 (3 - 4 November 2017)]
32. International Conference on Computer Science and Application Engineering 2017 [CSAE 2017 (21 - 23 October 2017)]
33. Human and Social Sciences at the Common Conference 2017 [HASSACC 2017 (25 - 29 September 2017)]
34. International Conference on Soft Computing, Artificial Intelligence and Applications 2017 [SCAI 2017 (23 - 24 September 2017)]
35. ATINER's (Athens Institute for Education and Research) Conference Paper Series (September 2017)

36. Informing Science + IT Education Conferences 2017 [InSITE 2017 (31 July - 5 August 2017)]
37. International Conference on Fuzzy Logic Systems 2017 [FUZZY 2017 (29 - 30 July 2017)]
38. International Congress on Natural and Engineering Sciences 2017 [ICNES 2017 (21 - 35 July 2017)]
39. International Virtual Conference on Advanced Scientific Results 2017 [SCIECONF 2017 (26 - 30 June 2017)]
40. International Vocational Schools Symposium 2017 [UMYOS 2017 (18 - 20 May 2017)]
41. International Conference on Artificial Intelligence, Soft Computing and Applications 2017 [AISCA 2017 (25 - 26 March 2017)]
42. International Conference on Artificial Intelligence and Applications 2017 [AIAPP 2017 (25 - 26 March 2017)]
43. European Conference on e-Learning 2017 [ECEL 207 (26 - 27 October 2017)]
44. International Conference on Soft Computing Artificial Intelligence and Applications 2016 [SAI 2016 (12 - 13 November 2016)]
45. International Conference on Computer Science and Engineering 2016 [COMPSE 2016 (11 - 12 November 2016)]
46. International Conference on Advanced Research in Scientific Areas 2016 [ARSA 2016 (7 - 11 November 2016)]
47. Research Conference in Technical Disciplines 2016 [RCITD 2016 (17 - 21 October 2016)]
48. Human and Social Sciences at the Common Conference 2016 [HASSACC 2016 (3 - 7 October 2016)]
49. Europe, Middle East and North Africa Conference on Technology and Security to Support Learning 2016 [EMENA-TSSL 2016 (3 - 5 October 2016)]
50. Informing Science + IT Education Conferences 2016 [InSITE 2016 (27 June - 1 July 2016)]
51. Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) Conferences - Events
52. International Workshop on Wireless and Mobile Communication for Industrial Systems 2015 [WMCIS 2015 (16 - 19 December 2015)]
53. Research Conference in Technical Disciplines 2015 [RCITD 2015 (19 - 23 October 2015)]
54. e-Skills Conference 2015: eSkills for Knowledge Production and Innovation [e-Skills 2015 (27 September - 3 October 2015)]
55. Informing Science + IT Education Conferences 2015 [InSITE 2015 (1 - 5 July 2015)]
56. International Conference on Information Technology Convergence and Services 2015 [ITCSE 2015 (23 - 24 May 2015)]
57. International Conference on Cryptography and Information Security 2015 [CRYPIS 2015 (23 - 24 May 2015)]
58. International Conference on Computer Science and Environmental Engineering 2015 [CSEE 2015 (17 - 18 May 2015)]
59. Asia Pacific Symposium on Intelligent and Evolutionary Systems [IES 2014 (10 - 12 November 2014)]
60. International Conference on Bioinformatics and Biosciences [ICBB 2014 (8 - 9 August 2014)]
61. Informing Science + IT Education Conferences 2014 [InSITE 2014 (30 June - 4 July 2014)]
62. Knowledge and Management Conference 2014 [KM Conference 2014 (25 - 28 June 2014)]
63. International Conference on Artificial Intelligence, Soft Computing and Applications [AIAA 2014 (24 - 25 May 2014)]
64. Informing Science + IT Education Conferences 2013 [InSITE 2013 (2 - 5 July 2013)]
65. Knowledge Management Conference 2013 [KMC 2013 (26 - 28 June 2013)]
66. International Conference on Green Computing, Technology and Innovation 2013 [ICGCTI 2013 (4 - 6 March 2013)]
67. International Conference on e-Technologies and Networks for Development 2013 [ICeND 2013 (4 - 6 March 2013)]
68. International Conference on Signal, Image Processing and Pattern Recognition 2013 [SIPP 2013 (18 - 20 February 2013)]
69. World Conference on Information Technology 2012 [WCIT 2012 (14 - 16 November 2012)]
70. International Conference on Informatics and Applications 2012 [ICIA 2012 (3 - 5 June 2012)]
71. International Conference on Informatics Engineering and Information Science 2011 [ICIEIS 2011 (14 - 16 November 2011)]
72. International Conference on Digital Enterprise and Information Systems 2011 [DEIS 2011 (20 - 22 July 2011)]

National Academic Conference / Symposium / Congress…etc. Moderator / Chairman.:

1. "Hacker ve Etik Hacker Kültürü - Saldırı Yöntemleri <> Hacker and Ethical Hacker Culture - Attack Methods"-Moderator (14 December 2012, Uşak University).

Additional Administrative Work:

National Academic Commission / Committee / Coordinating / Board Membership:

1. Süleyman Demirel University-International Student and Staff Programmes of Erasmus, Mevlana, Farabi (2017 - 2021): Dept. Coordinator
2. Uşak University-Computer Sciences Application and Research Center Administration Board (2014 - 2017): Director
3. Uşak University-2012-2013 Term Pedagogical Formation Certificate Program-Student Approve Evaluation Commission: Commission Member.
4. Uşak University-Bologna Coordination Commission (2012 - 2017): Commission Member.
5. Uşak University-International Student Commission (2012 - 2017): Commission Member.
6. Afyon Kocatepe University-Library Advisory Board (2011-2012): Board Member.
7. Afyon Kocatepe University-Distance Education Vocational School Administration Board (2011-2012): Vice Director.

Teaching:

Courses Taught:

- Academic Paper Preparing in Engineering: MSc. / PhD. Degree
- Ambient Intelligence and Superintelligence: MSc. / PhD. Degree
- Blockchain Technologies and Applications: MSc. / PhD. Degree
- Explainable Artificial Intelligence: MSc. / PhD. Degree
- Fundamentals of Ethical Hacker: MSc. / PhD. Degree
- Fuzzy Logic and Its Applications in Engineering: MSc. / PhD. Degree
- Genetic Algorithms: MSc. / PhD. Degree
- Knowledge Representation and Reasoning for Artificial Intelligence: MSc. / PhD. Degree
- Machine Ethics and Artificial Intelligence Safety: MSc. / PhD. Degree
- Neuro-Fuzzy Logic and Soft Computing: MSc. / PhD. Degree
- Philosophy of Artificial Intelligence: MSc. / PhD. Degree
- R&D and Project Management in Computer Science: MSc. / PhD. Degree
- Social Media Analytics: MSc. / PhD. Degree

- Analysis and Design of System: Graduate (*English*)
- Applications of Information Technologies: Graduate (*English*)
- Artificial Intelligence: Graduate
- Basic Information Technologies (1, 2): Graduate
- Computer Graphics: Graduate (*English*)
- Computer Programming (1, 2): Graduate
- Data Mining: Graduate (*English*)
- Data Mining: Graduate
- Data Structures and Models: Graduate
- Graduate Thesis / Design (1, 2): Graduate
- Graphic and Animation: Graduate
- Human-Computer Interaction: Graduate
- Information Security: Graduate
- Management Information Systems: Graduate
- System Modeling and Simulation: Graduate

- Basic Information Technologies (1, 2): Undergraduate
- Basics of Web Designing: Undergraduate

- C Programming (1, 2): Undergraduate
- Computer Hardware: Undergraduate
- Computer Network Systems: Undergraduate
- Computer Programming: Undergraduate
- Decision Making: Undergraduate
- Developing Office Applications: Undergraduate
- Essentials of Programming: Undergraduate
- E-Trade: Undergraduate
- Graphic Applications: Undergraduate
- Internet Programming (1, 2): Undergraduate
- Internet Technologies: Undergraduate
- Keyboard Techniques: Undergraduate
- Logistics Optimization Techniques: Undergraduate
- Office Applications: Undergraduate
- Office Management and Technologies: Undergraduate
- Physical Education: Undergraduate
- Profession Ethics: Undergraduate
- Software Architectures: Undergraduate
- Software Installation and Management: Undergraduate
- Ten Finger Keyboard Usage: Undergraduate
- Usage of Technology: Undergraduate
- Visual Basic Programming: Undergraduate
- Visual Programming (1, 2, 3): Undergraduate
- Vocational Computer (1, 2): Undergraduate
- Vocational Foreign Language (1, 2): Undergraduate
- Web Design (1, 2): Undergraduate
- Web Editor: Undergraduate
- Web Project Management: Undergraduate

International Academic Teaching Activities:

1. "Artificial Intelligence"-EU-Erasmus Teaching Mobility (12 - 15 March 2019, Polytechnic University of Porto / Porto, Portugal).
2. "Artificial Intelligence Based Optimization and VOA, CoDOA Techniques"-Visiting Lecturing Activity (11 - 15June 2015, University of Bacau "Vasile Alecsandri" / Bacau, Romania).
3. "Bio-Inspired Computation"-EU-Erasmus Teaching Mobility (13 - 18 January 2014, University of Bacau "Vasile Alecsandri" / Bacau, Romania).
4. "Heuristic Optimization Algorithms"-EU-Erasmus Teaching Mobility (23 February 2013 - 03 March 2013, University of Oradea / Oradea, Romania).

International Academic Seminar / Training Activities:

1. *…for the recent, online recorded event sessions, you may visit YouTube channel.*

National Academic Seminar / Training Activities:

1. *…for the recent, online recorded event sessions, you may visit YouTube channel.*
2. "Yapay Zeka Etiği ve Güvenliği (*Artificial Intelligence Ethics and Safety*)"-A seminar activity in the context of Karabük University, Informatics Days (KBUBTK) 2019 (6 March 2019, Karabük)
3. "Nöropazarlama ve Yapay Zeka (*Neuromarketing and Artificial Intelligence*)"-A seminar activity in the context of Nine September University, DETECH 2019 (22 February 2019, İzmir)
4. "Yapay Zekâ Temelleri ve Teknikleri (*Artificial Intelligence Basics and Techniques*)"-A seminar activity in the context of GDG Isparta Meetups (23 December 2018, Isparta).
5. "Yapay Zekâ (*Artificial Intelligence*)"-A seminar activity in the context of GDG Burdur DevFest '18 (22 December 2018, Mehmet Akif Ersoy University / Burdur).

6. "Yapay Zekâ Etiği ve Güvenliği (*Artificial Intelligence Ethics and Security*)"-A seminar activity in the context of Digital Transformation and Artificial Intelligence meeting by Necmettin Erbakan University (20 December 2018, Necmettin Erbakan University / Konya).

7. "Yapay Zekâ Etiği (*Artificial Intelligence Ethics*)"-A seminar activity in the context of SDUTECH '18 by Süleyman Demirel University (20 December 2018, Süleyman Demirel University / Isparta).

8. "Yapay Zekâ'ya Giriş, Dünü, Bugünü ve Geleceği (*Introduction to Artificial Intelligence, Its Past, Today, and Future*)"-A seminar activity in the context of GDG Isparta Meetups (2 December 2018, Isparta).

9. "Nedir Bu Yapay Zekâ? (*What is That Artificial Intelligence?*)"-A seminar activity in the context of conference series by Adem Tolunay Natural Sciences High School (22 October 2018, Bucak, Burdur).

10. "Yapay Zekâ (*Artificial Intelligence*)"-A seminar activity in the context of Project Festival of Mehmet Akif Ersoy University (26 April 2018, Mehmet Akif Ersoy University / Burdur).

11. "Geleceğin Bilimi: Yapay Zekâ (*Science of the Future: Artificial Intelligence*)"-A seminar activity in collaboration of Şehir Tevhit Akkan Kız Anadolu İmam Hatip High School (28 March 2018, Şehir Tevhit Akkan Kız Anadolu İmam Hatip High School / Isparta).

12. "Açık ve Uzaktan Öğrenmede Makine Öğrenmesi Uygulamaları (*Machine Learning Applications in Open and Distance Learning*)"-A seminar activity in collaboration of Anadolu University-Faculty of Open Education (29 March 2017, Anadolu University-Faculty of Open Education / Eskişehir).

13. "Yapay Zekâ Temelleri ve Yapay Zekâ'nın Eğitimsel Uygulamaları (*Essentials of Artificial Intelligence and Educational Applications of Artificial Intelligence*)"-A workshop activity in collaboration of Anadolu University-Faculty of Open Education (4-6 May 2016, Anadolu University-Faculty of Open Education / Eskişehir).

14. "Yapay Zekâ Kampı (*Artificial Intelligence Boot Camp*)"-A training activity in collaboration of Sakarya University Technocity and Sakarya University-Faculty of Business: Trainer in theoretical and applied training process (26-27 March 2016, Sakarya University-Technocity and Faculty of Business / Sakarya).

15. "Sanal Dünya'da Güvenlik (*Security in the Virtual World*)"-A seminar activity in the context of the protocol between Usak University-Karahalli Vocational School and Karahalli Anatolian High School for the collaboration of science, art, sports, and culture in 2015-2017 (20 January 2016, Karahalli Anatolian High School / Usak).

16. "Server Sertifika Eğitimleri ile Mesleki Kapasiteyi Geliştirme (*Improving Vocational Capacity via Server Certificate Trainings*)"-Zafer Kalkınma Ajansı (*Zafer Development Agency*) supported project in collaboration of Uşak Provincial Directorate of Health and Uşak University-Continuing Education Center: Trainer in theoretical and applied training process (7-31 January 2014, Uşak University-Continuing Education Center / Uşak).

17. "Bilişim Suçlarıyla Mücadelede Uzmanlaşma (*Specialization in Cyber Crimes*)-Zafer Kalkınma Ajansı (*Zafer Development Agency*) supported project in collaboration of Uşak Police Headquarters-Fighting against Cybercrimes Branch Office and Uşak University-Continuing Education Center: Trainer in theoretical and applied training process (31 October 2012-28 November 2012, Uşak Police Headquarters-Fighting against Cybercrimes Branch Office / Uşak).

18. "Afyon Kocatepe Üniversitesi Uzaktan Eğitim Sistemlerinin Kullanımı (*Usage of Distance Education Systems of Afyon Kocatepe University*)-Presentation in theoretical and applied in-service education seminar (11 September 2011, Afyon Kocatepe University-Distance Education Vocational School / Afyonkarahisar).

National Academic Training / Course / Workshop / Seminar Participations:

1. "E-Öğrenme: Yenilikler ve Avrupa'daki Gelişmeler (*E-Learning: Innovations, and Developments at Europe*)"-E-Learning seminar in collaboration of Enocta and Okan University (11 February 2011, Okan University - Mecidiyeköy Campus / İstanbul).

2. "E-Öğrenme: Bilgi, Tasarım ve Teknoloji (*E-Learning: Information, Design and Technology*)"-E-Learning seminar and workshop in collaboration of McWeadon, Enocta and Okan University (20 December 2010, Point Hotel Barbaros / İstanbul).

3. "Microsoft Visual Studio 2010: Enterprise Applications"-Theoretical and applied in-service training course (17 - 30 July 2010, Afyon Kocatepe University-Directorate of Computer Center / Afyonkarahisar).
4. "YÖK - Üniversitelerarası Öğrenme Kaynakları Paylaşım Projesi (*Turkey Council of Higher Education (CoHE)*]-Project of Learning Resources Sharing Among Universities"-Theoratical and applied training course for operating the interactive classroom [19 - 20 January 2010, Turkey Council of Higher Education (CoHE) / Ankara].

Foreign Languages:
- *Fluent* English
- *Entry Level* Italian
- *Entry Level* German

Appearance at National TV Program:
1. *…for the recent, online recorded event sessions, you may visit <u>YouTube channel</u>.*
2. BBN Turk TV, 17 January 2021, Appearance with the subject of *Social Messaging Applications, Digital Communication Technologies, Artificial Intelligence, Super Artificial Intelligence and the Future* at the TV programme: *Çeviz Kabuğu*, which is prepared and provided by Dr. Hulki Cevizoğlu.
3. Channel 32, 13 January 2021, Appearance at the TV programme: Starting to the Day with Ruzin, with the subject of *Social Messaging Applications and Effects of Digital Technologies to Our Life*.
4. BBN Turk TV, 10 January 2021, Appearance with the subject of *Digital Transformation, Effects of Digital Technologies on Societies and Artificial Intelligence* at the TV programme: *Çeviz Kabuğu*, which is prepared and provided by Dr. Hulki Cevizoğlu.
5. Halk TV, 1 August 2020, Appearance with the subject of *Digital Technologies, Artificial Intelligence and COVID-19* at the TV programme: *Çeviz Kabuğu*, which is prepared and provided by Dr. Hulki Cevizoğlu.
6. Halk TV, 24 April 2020, Appearance with the subject of *Artificial Intelligence and COVID-19* at the TV programme: *Çeviz Kabuğu*, which is prepared and provided by Dr. Hulki Cevizoğlu.
7. Channel 32, 17 April 2020, Appearance at the TV programme: About the Life with Ruzin, with the subject of *Data Science and Artificial Intelligence in Health and COVID-19*.
8. SDÜ, 26 February 2020, Appearance at the TV programme: Young Microphone, with the subject of *Video Games*.
9. Channel 32, 23 December 2019, Appearance at the TV programme: About the Life with Ruzin, with the subject of *Place of Technology and Artificial Intelligence in Our Life*.
10. Channel 32, 9 September 2018, An interview on *Cyber Security and the TÜBİTAK (The Scientific and Technological Res. Council of Turkey) 4004 Project: A Cyber Security Adventure*.
11. KRT TV, 19 May 2018, Appearance with the subject of *Artificial Intelligence* at the TV programme: *Akıl Çelen*, which is prepared and provided by Dr. Hulki Cevizoğlu.
12. Channel 32, 23 March 2018, Appearance at the TV programme: Today in Rose-City, with the subject of *Artificial Intelligence*.
13. Channel 32, 20 February 2018, An interview on *Artificial Intelligence Today*.

Awards/Achievements:
1. Dr. Utku KÖSE was among the "World's Most Influential Scientists in 2021", in a study conducted by Stanford University, USA.
2. "Young Scientist Award" in the context of International Universal Inovator Leadership Awards 2021 held at International Conference on Innovative Computing Communication.
3. "Top Reviewers for Computer Science Award" in the context of Publons Peer Review Awards 2020.
4. "Top Reviewers for Engineering" in the context of Publons Peer Review Awards 2020.
5. "Distinguished Scientist Award" in the context of International Scientist Awards 2020 (on Engineering, Science and Medicine) by the VDGOOD.
6. "Top Reviewers for Computer Science Award" in the context of Publons Peer Review Awards 2019.
7. "Top Reviewers for Engineering" in the context of Publons Peer Review Awards 2019.

8. "Top Reviewers for Cross-Field Award" in the context of Publons Peer Review Awards 2019.
9. Dr. Utku KÖSE was among 19 scientists (in Turkey), who has gained total points of 100 in the context YÖK (Council of Higher Education) Academic Encouragement Allowance 2018.
10. "Outstanding Scientist Award" in the context of IOSRD International Research Awards 2018.
11. "Life Time Achievement Award" in the context of IOSRD International Research Awards 2018.
12. "Young Scientist Award" in the context of IOSRD International Research Awards 2018.
13. "Top Reviewers for Computer Science Award" in the context of Publons Peer Review Awards 2018.
14. "Golden Reviewer Award" in the context of Informing Science Institute Reviewer Awards 2018.
15. "Best Paper Award" in the context of 5th International Virtual Research Conference in Technical Disciplines (RCITD 2017).
16. "Most Valuable Young Scientist Award" in the context of Academia EduSoft's Awards 2017.
17. "Silver Reviewer Award" in the context of Informing Science Institute Reviewer Awards 2017.
18. "Top Reviewers for Computer Science Award" in the context of Publons Peer Review Awards 2017.
19. "Top Reviewers for Social Sciences Award" in the context of Publons Peer Review Awards 2017.
20. "Top Reviewers for Turkey Award" in the context of Publons Peer Review Awards 2017.
21. "Young Scientist Award" in the context of Venus International Research Awards 2016 by the Venus International Foundation.
22. Finalist in the Innovation in Teaching of Research Methodology Excellence Awards at 2016 European Conference on Research Methodology for Business and Management Studies
23. Turkey-YÖK (Council of Higher Education) Academic Encouragement Allowance (2016, 2017, 2018, 2019, 2020).
24. TÜBİTAK (The Scientific and Technological Res. Council of Turkey) Publication Awards (2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021).
25. Uşak University Publication Awards.
26. Dr. Utku KÖSE's biography has been published in the "30th Pearl Anniversary Edition of Who's Who in the World ®".
27. Afyon Kocatepe University, Institute of Natural and Applied Sciences, Computer Dept., 1st of the Dept. (Average Grade: 98,36 / 100).
28. Gazi University, Gazi University, Industrial Arts Education Faculty, Computer Education Dept., Faculty Valedictorian (Average Grade: 94,40 / 100).

YÖK (Council of Higher Education) Academic Encouragement Allowance Points:
1. *2022:* 85.88
2. *2021:* 80.00
3. *2020:* 80.00
4. *2019:* 99.20
5. *2018:* 100.00
6. *2017:* 100.00
7. *2016:* 100.00
8. *2015:* 60.00

Foreign Language (English) Points (in National Exams):
1. *YÖKDİL:* 86.25
2. *ÜDS:* 83.75
3. *KPDS:* 82.50