

# Curriculum Vitae

(CV was last updated on 26.10.2017)



## Personal Information:

- **Name Surname** : Utku KÖSE / Utku KOSE
- **Nationality** : Turkish
- **Citizenship ID No** : 29917837578
- **Date of Birth** : 26.03.1985
- **Gender** : Male
- **Address** : Süleyman Demirel University,  
Faculty of Engineering,  
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## 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).

## Academic Work Experience:

- **Assistant Professor** : Süleyman Demirel University, Faculty of Engineering, Dept. of Computer Engineering (17.10.2017 – Present).
- **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:

- **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)

## Research Interests:

- Artificial Intelligence, Augmented Intelligence, Artificial Intelligence Safety, Machine Ethics, Optimization with Artificial Intelligence Techniques, Distance Education, E-Learning, Computer Education, Educational Tools, Computer Software (Programming), Computer Game Design and Development, Online / Virtual Laboratories, Chaos, Cryptology.

## Publications:

### Research in Progress:

1. “*Artificial Intelligence Safety and Machine Ethics*”: Research works focused on subjects related to Artificial Intelligence Safety and Machine Ethics.
2. “*Deep Learning and Satellite Image Analysis*”: Applications over satellite images by using Deep Learning approaches, methods, and techniques.
3. “*Autonomous Educational Systems*”: Educational systems, which can be run without teachers and as adaptive for learners’ characteristics, levels, academic achievements...etc.
4. “*Artificial Individual*”: A wide simulation project for simulating basic cognitive abilities via artificial brain, nervous systems...etc.)
5. “*Vortex Optimization Algorithm*”: A new nature-inspired optimization algorithm.
6. “*Cognitive Development Algorithm*”: A new nature-inspired optimization algorithm.
7. “*Algorithmic Reasoning Optimization*”: A new nature-inspired optimization algorithm.
8. “*A Global Programming Framework for Swarm Intelligence Optimization Algorithms*”: A new, global programming framework for writing programs on swarm intelligence based algorithms.
9. “*An Intelligent Software for Teaching Algorithm and Flow Chart Concepts*”: A software environment for making it more effective to teach / learn algorithm and flow chart concepts.
10. “*Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems*”: An edited book project.

Some samples to download: [http://www.utkukose.com/Kose\\_sample\\_publications.zip](http://www.utkukose.com/Kose_sample_publications.zip)

More details on academic profiles:

- [Google Scholar](#)
- [Research Gate](#)
- [Mendeley](#)
- [Academia.edu](#)

### Journal Papers (SCI Indexed):

1. 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.
2. Köse, U. and Arslan, A., Time series prediction by a hybrid approach of artificial neural network and cognitive development optimization algorithm, *Scientia Iranica*, (In Press).
3. 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.
4. 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*, (In Online First View), 2016 (DOI:10.1007/s13369-016-2279-z).
5. 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.

6. 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.
7. 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.
8. **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.
9. Deperlioğlu, Ö. and **Köse, U.**, An educational tool for artificial neural networks, *Computers and Electrical Engineering*, 37(3), 392 – 402, 2011.
10. 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. Furdu, I., Tomozei, C. and **Köse, U.**, Designing a web-based interactive audio library automation system for visually-impaired people and evaluation of its usability, *Broad Research in Artificial Intelligence and Neuroscience*, 8(2), 56 – 62, 2017.
2. 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.
3. **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.
4. Pavaloiu, A. and **Köse, U.**, Ethical artificial intelligence – an open question. *Journal of Multidisciplinary Developments*, 2(2), 15 – 27, 2017.
5. **Köse, U.**, An introduction to artificial intelligence safety. *Journal of Multidisciplinary Developments*, 2(1), 28 – 32., 2017.
6. **Köse, U.**, A brief model suggestion for an artificial individual system. *Journal of Multidisciplinary Developments*, 2(1), 18 – 21, 2017.
7. **Köse, U.** and Sert, S., Improving content marketing processes with the approaches by artificial intelligence, *Ecoforum Journal*, 6(1), 2017.
8. 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.
9. 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.
10. **Köse, U.** and Arslan, A., Optimization with the idea of algorithmic reasoning, *Journal of Multidisciplinary Developments*, 1(1), 17 – 20, 2016.
11. 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.
12. **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.
13. 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).
14. **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.
15. **Köse, U.** and Tüfekçi, A., Algoritma ve akış şeması kavramlarının öğretiminde akıllı bir yazılım sistemi kullanımı [*Usage of an intelligent software system in teaching algorithm and flowchart concepts*], *Pegem Eğitim ve Öğretim Dergisi [Pegem Journal of Education and Instruction]*, 5(5), 569 – 586, 2015.

16. **Köse, U.** and Sert, S., Social media environments and their role on success of marketing processes [*Sosyal medya ortamları ve bu ortamların pazarlama süreçlerinin başarısı üzerindeki rolü*], *The Journal of Knowledge Economy and Knowledge Management [Bilgi Ekonomisi ve Yönetimi Dergisi]*, 10(2), 1 – 20, 2015.
17. **Köse, U.** and Arslan, A., Realizing an optimization approach inspired from Piaget’s theory on cognitive development, *Broad Research in Artificial Intelligence and Neuroscience*, 6(1-4), 15 – 22, 2015.
18. Tüfekçi, A., Bektaş, G. A. and **Köse, U.**, A research on contribution of computer game-based learning environments to students’ motivation, *Journal of Global Research in Education and Social Science*, 4(4), 235 – 244, 2015.
19. **Köse, U.** and Arslan, A., On the idea of a new artificial intelligence based optimization algorithm inspired from the nature of vortex, *Broad Research in Artificial Intelligence and Neuroscience*, 5(1-4), 60 – 66, 2014 (Published: 2015).
20. **Köse, U.** and Arslan, A., E-learning experience with artificial intelligence supported software: An international application on English language courses, *GLOKALde*, 1(3), 61 – 75, 2015.
21. **Köse, U.** and Deperlioğlu, Ö., FL-LAB v2: Design and development of an easy-to-use, interactive fuzzy logic control software system, *Applied Mathematics & Information Sciences*, 9(2), 883 – 897, 2015.
22. **Köse, U.**, On the state of free and open source e-learning 2.0 software, *International Journal of Open Source Software and Processes*, 5(2), 55 – 75, 2014.
23. **Köse, U.**, Koç, D. and Yücesoy, S. A., An augmented reality based mobile software to support learning experiences in computer science courses, *Procedia Computer Science*, 25, 370 – 374, 2013.
24. Tüfekçi, A., Ekinci, H. and **Köse, U.**, Development of an internet-based exam system for mobile environments and evaluation of its usability, *Mevlana International Journal of Education*, 3(4), 57 – 74, 2013.
25. **Köse, U.**, A sociologic evaluation: Effects of social networking caused e-learning on university students, *International Journal of Web Based Communities*, 9(2), 274 – 290, 2013.
26. **Köse, U.**, Design and development of a software system for swarm intelligence based research studies, *Broad Research in Artificial Intelligence and Neuroscience*, 3(3), 12 – 17, 2012.
27. Deperlioğlu, Ö., **Köse, U.** and Yıldırım, R., Design and development of an e-learning environment for the course of electrical circuit analysis, *Interdisciplinary Journal of E-Learning and Learning Objects*, 8, 51 – 63, 2012.
28. **Köse, U.** and Ülker, E., Pareto zarflama-temelli seçim algoritması (PESA) ile b-spline eğri tahmini [*B-spline curve estimation with pareto envelope-based selection algorithm (PESA)*], *Bilişim Teknolojileri Dergisi [International Journal of Informatics Technologies]*, 5(2), 25 – 31, 2012.
29. **Köse, U.**, Developing a fuzzy logic based game system, *Computer Technology and Application*, 3(7), 510 – 517, 2012.
30. **Köse, U.**, Fundamentals of fuzzy logic with an easy-to-use, interactive fuzzy control application, *International Journal of Modern Engineering Research*, 2(3), 1198 – 1203, 2012.
31. **Köse, U.** and Deperlioğlu, Ö., Intelligent learning environments within blended learning for ensuring effective c programming course, *International Journal of Artificial Intelligence and Applications*, 3(1), 105 – 124, 2012.
32. Yalçın, N. and **Köse, U.**, What is search engine optimization: SEO?, *Procedia Social and Behavioral Sciences*, 9, 487 – 493, 2011.
33. **Köse, U.**, A blended learning model supported with web 2.0 technologies, *Procedia Social and Behavioral Sciences*, 2(2), 2794 – 2802, 2010.
34. **Köse, U.**, A web based system for project-based learning activities in ‘web design and programming’ course, *Procedia Social and Behavioral Sciences*, 2(2), 1174 – 1184, 2010.

### **International Keynote Speaks:**

1. **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.

## International Conference / Symposium / Congress...etc. Papers:

1. **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.
2. 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), Timisoara / Romania.
3. **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.
4. 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.
5. **Köse, U.**, Tüfekçi, A. and Güzeldereli, E. A., “Autonomous E-Learning Systems of the Future and Artificial Intelligence Safety (*Geleceğin Otonom E-Öğrenme Sistemleri ve Yapay Zeka Güvenliği*)”, The 11th International Computer and Instructional Technologies Symposium 2017 (ICITS 2017), Malatya, Turkey, 2017.
6. Tüfekçi, A., Bektaş, G. A. and **Köse, U.**, “A Study on Using Web 3.0 Technologies in Internet Based E-Learning Systems (*İnternet Tabanlı E-Öğrenme Sistemlerinde Web 3.0 Teknolojisinin Kullanılması Üzerine Bir Çalışma*)”, International Conference on Educational Sciences 2017 (ICES-UEBK 2017), Antalya, Turkey, 2017.
7. **Köse, U.**, Deperlioğlu, Ö. and Köse, G., “Examination of Vocational Schools in Turkey by Consireding Past Village Institutes Period and the Latest Developments in Finland Education System (*Türkiye'deki Meslek Yüksekokullarının Geçmiş Köy Enstitüleri Dönemi ve Finlandiya Eğitim Sistemindeki Son Gelişmeler Dikkate Alınarak İncelenmesi*)”, International Vocational Schools Symposium 2017 (UMYOS 2017), 120 - 131, Sarajevo, Bosnia Herzegovina, 2017.
8. **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.
9. **Köse, U.** and Sert, S., “Intelligent Content Marketing with Artificial Intelligence”, International Conference of Scientific Cooperation for Future 2016 (SCFCONF 2016), Usak, Turkey.
10. 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, 1 - 5, 2016.
11. 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.
12. 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.
13. **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.
14. 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.
15. **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: 2014).
16. **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, 2012 (Published: 2014).

17. **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: 2014).
18. 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.
19. 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.
20. 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.
21. **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.
22. **Köse, U.** and Deperlioğlu, Ö., “An Educational, Virtual Laboratory System for Fuzzy Logic”, International Symposium on Computing in Science and Engineering 2010 (ISCSE 2010), Aydın, Turkey, 1335 – 1342, 2010.
23. Deperlioğlu, Ö., **Köse, U.** and Yıldırım, R., “A Model of Blended Learning in Computer Engineering Education”, International Conference on Innovations in Learning for the Future 2010: e-Learning (Future-Learning 2010), Istanbul, Turkey, 351 – 361, 2010.
24. **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.
25. 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.
26. **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.
27. **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.
28. **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.
29. 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.
30. **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. 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.
2. 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.
3. **Köse, U.**, “WebALGO: Algoritma Öğreniminde İnternet 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.
4. **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, 2015.

5. Genç, O. and Köse, U., “Siber Suçlarla Mücadelede Önleyici Faaliyetler: ‘Bilinçli Bilişim Temiz Toplum’ Projesi (*Preventive Activities in Fighting Against Cybercrimes: ‘Conscious Informatics Clean Society’ Project*)”, Conference of Internet in Turkey 2014, İzmir, Turkey, 2014.
6. 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.
7. 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.
8. Köse, U. and Köse, U., “Siber Suçlara Karşı Türk Hukukundaki Cezaî Yaptırımların Yeterliliği (*Competency of Criminal Sanctions of Turkish Law against Cyber-Crimes*)”, Conference of Internet in Turkey 2013, İstanbul, Turkey, 2013.
9. 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.
10. 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.
11. Köse, U., and Çal, Ö. “Web 2.0 Servislerinin Sosyolojik Değerlendirilmesi (*Sociologic Evaluation of Web 2.0 Services*)”, Academic Informatics 2012, Uşak, Turkey, 2012.
12. 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.
13. Yalçın, N. and Köse, U., “İnternet 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 Research 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 Research Projects:**

1. “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, 2017/HD-SOSB004.
2. “Zorunlu Ortak Derslerin Uzaktan Eğitim için İnteraktif Ders İçeriklerinin Hazırlanması (*Preparing Interactive Lesson Contents for Distance Education of Mandatory Common Lessons*)”, Afyon Kocatepe University – Commission of Scientific Research Projects, Project No: 10.UZ.EĞT.MYO.01.
3. “Web Tabanlı Uzaktan Eğitim Portalının Hazırlanması (*Development of Web Based Distance Education Portal*)”, Afyon Kocatepe University – Commission of Scientific Research Projects, Project No: 09.İİBF.04.

#### **Edited International Books:**

1. Köse, U., Güraksın G. E. and Deperlioğlu, Ö., Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems, IGI Global, (*In Progress*).
2. Köse, U. and Koç, D., Artificial Intelligence Applications in Distance Education, IGI Global, 2015.

## International Book Chapters:

1. **Köse, U.** and Vasant, P., “A Model of Swarm Intelligence Based Optimization Framework Adjustable According to Problems”, Ivan Zelinka, Pandian Vasant, Vo Hoang Duy and Tran Trong Dao (Ed.), Studies in Computational Series: Innovative Computing, Optimization and Its Applications: Modelling and Simulations, Springer, (*In Press*), 2017.
2. **Köse, U.**, “An Augmented Reality Based Intelligent Mobile Application for Open Computer Education”, Gülsün Karabacak and Hakan Altınpulluk (Ed.), Mobile Technologies and Augmented Reality in Open Education, IGI Global, 2017.
3. Bozdoğan, D., Kasap, B. and **Köse, U.**, “Design Principles for an Intelligent Augmented Reality based M-Learning Application to Improve Engineering Students’ English Language Skills”, Gülsün Karabacak and Hakan Altınpulluk (Ed.), Mobile Technologies and Augmented Reality in Open Education, IGI Global, 2017.
4. **Köse, U.**, Güraksın G. E. and Deperlioğlu, Ö., Studies on Image Quality Improvement via Newly Developed Intelligent Optimization Algorithms, Peter Publishing (*In Press*).
5. Güzeldereli, E. A., **Köse, U.** and Tüfekçi, A., “Human Performance Technology and the Effects on Web Based Instruction Performance Efficiency”, Terry Kidd and Lonnie R. Morris, Jr. (Ed.), Handbook of Research on Emerging Instructional Systems and Technology, IGI Global, 2017.
6. **Köse, U.**, “Artificial Intelligence Perspective on Ensuring Cyber-Assurance for the Internet of Things”, Tyson T. Brooks (Ed.), Cyber-Assurance for the Internet of Things, Wiley-IEEE Press, 2017.
7. **Köse, U.**, “An Innovative Approach for Teaching of Research Methodology: Life-long Spiral of Research (2LSR)”, Dan Remenyi (Ed.), Innovation in the Teaching of Research Methodology Excellence Awards: An Anthology of Case Histories 2016, [**As the finalist in the competition**] ACPI (Academic-Publishing), 2016.
8. **Köse, U.**, “Effects of Social Media on Students: An Evaluation Approach in Turkey”, Tomayess Issa, Pedro Isaias and Piet Kommers (Ed.), Social Networking and Education - Global Perspectives, Springer, 2016.
9. **Köse, U.**, “Ideas on the Future of Intelligent Web-Based E-Learning”, Utku Kose and Durmus Koc (Ed.), Artificial Intelligence Applications in Distance Education, IGI Global, 2015.
10. Yiğit, T., Koyun, A., Yüksel, A. S., Çankaya, İ. A. and **Köse, U.**, “An Example Application of an Artificial Intelligence-Supported Blended Learning Education Program in Computer Engineering”, Utku Kose and Durmus Koc (Ed.), Artificial Intelligence Applications in Distance Education, IGI Global, 2015.
11. **Köse, U.**, “For an Intelligent E-Learning: A Managerial Model Suggestion for Artificial Intelligence Supported E-Learning Content Flow”, Utku Kose and Durmus Koc (Ed.), Artificial Intelligence Applications in Distance Education, IGI Global, 2015.
12. **Köse, U.** and Arslan, A., “A Web-Based Intelligent Educational Laboratory System for Forecasting Chaotic Time Series”, Utku Kose and Durmus Koc (Ed.), Artificial Intelligence Applications in Distance Education, IGI Global, 2015.
13. **Köse, U.**, “On the Intersection of Artificial Intelligence and Distance Education”, Utku Kose and Durmus Koc (Ed.), Artificial Intelligence Applications in Distance Education, IGI Global, 2015.
14. **Köse, U.**, “Present State of Swarm Intelligence and Future Directions”, Mehdi Khosrow-Pour (Ed.), Encyclopedia of Information Science and Technology (3rd Edition), IGI Global, 2014.
15. **Köse, U.**, “Augmented Reality Based E-Learning Applications”, Mehdi Khosrow-Pour (Ed.), Encyclopedia of Information Science and Technology (3rd Edition), IGI Global, 2014.
16. **Köse, U.** and Arslan, A., “Chaotic Systems and Their Recent Implementations on Improving Intelligent Systems”, Pandian Vasant (Ed.), Handbook of Research on Novel Soft Computing Intelligent Algorithms, IGI Global, 2013.
17. **Köse, U.**, “Newly Developed Nature-Inspired Algorithms and Their Applications on Recommendation Systems”, Satchidananda Dehuri, Manas Ranjan Patra, Bijan Bihari Misra and Alok Kumar Jagadev (Ed.), Intelligent Techniques in Recommendation Systems: Contextual Advancements and New Methods, IGI Global, 2012.
18. **Köse, U.**, “Security Approaches in Internet Communication”, AL-Dahoud Ali, Walid A. Salameh and Linda Smail (Ed.), Intelligent Communication System, UBICC, 2010.
19. **Köse, U.**, “Web 2.0 Technologies in E-Learning”, Betül Özkan (Ed.), Free and Open Source Software for E-Learning: Issues, Successes and Challenges, IGI Global, 2010.



### **Book Reviews:**

1. Köse, U., “Why Greatness Cannot Be Planned: The Myth of the Objective” (K. O. Stanley, & J. Lehman), *Journal of Multidisciplinary Developments*, 2(1), 7-8, 2017.
2. Köse, U., “The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies” (E. Brynjolfsson & A. McAfee), *Journal of Multidisciplinary Developments*, 1(1), 7-8, 2016.

### **Book Translations:**

1. Köse, U., “Why Greatness Cannot Be Planned” (K. O. Stanley, & J. Lehman), Springer, 2015, Hard Copy Format, (From English to Turkish - *In Progress*), 2017.

### **International Books:**

1. Köse, U., “Dreams of a Machine: A Theoretical View on the Future of Artificial Intelligence”, (*In Press*), 2017.

### **National Books:**

1. Köse, U., “Bir Yapây Zeka Yaratmak: Yapay Zekâ Manifestosu, Yapay Zekâ Felsefesi, Yapay Zekâ Etiği, Yapay Birey Sistemi (*Creating an Artificial Intelligence: The Artificial Intelligence Manifesto, The Philosophy of Artificial Intelligence, The Ethics of Artificial Intelligence, Artificial Individual System*)”, (*In Press*), 2017.
2. Köse, U., “Algoritma Kavramı ve Bilgisayar Programlama Öğreniminde Pratik Yaklaşımlar (*Practical Approaches in Learning Algorithm Concept and Computer Programming*)”, AKY Press, 2015.
3. Köse, U. and Armutlu, H., “Bulut Bilişim: Temel Konular ve Amazon Web Services (*Cloud Computing: Essential Subjects and Amazon Web Services*)”, Detay Press, 2015.

### **National Book Chapters:**

1. Koçdar, S. and Köse, U., “Illustrator ile Grafik Tasarımı (*Graphic Design with Illustrator*)”, Gülsün Karabacak and Serpil Koçdar (Ed.), Web Grafik Tasarımı (*Web Graphic Design*), Anatolian University – Faculty of Open Education Press, (*In Progress*), 2017.
2. Koçdar, S. and Köse, U., “Indesign ile Grafik Tasarımı (*Graphic Design with Indesign*)”, Gülsün Karabacak and Serpil Koçdar (Ed.), Web Grafik Tasarımı (*Web Graphic Design*), Anatolian University – Faculty of Open Education Press, (*In Progress*), 2017.
3. Koçdar, S. and Köse, U., “Corel Draw ile Grafik Tasarımı (*Graphic Design with Corel Draw*)”, Gülsün Karabacak and Serpil Koçdar (Ed.), Web Grafik Tasarımı (*Web Graphic Design*), Anatolian University – Faculty of Open Education Press, (*In Progress*), 2017.
4. Koçdar, S. and Köse, U., “Photoshop ile Grafik Tasarımı (*Graphic Design with Photoshop*)”, Gülsün Karabacak and Serpil Koçdar (Ed.), Web Grafik Tasarımı (*Web Graphic Design*), Anatolian University – Faculty of Open Education Press, (*In Progress*), 2017.
5. Tüfekçi, A. and Köse, U., “Yazılım Seçimi ve Sınıf Entegrasyonu (*Software Choose and Classroom Integration*)”, Hüseyin Çakır and Selami Eryılmaz (Ed.), Eğitimciler için Bilişim Teknolojileri (*Informatics Technologies for Educators*), Pegem-A, 2014.
6. Deperlioğlu, Ö., Ergün, E. and Köse, U., “Engelli Bireylerin E-Öğrenme Sürecinde Afyon Kocatepe Üniversitesi Yaklaşımı (*Afyon Kocatepe University Approach in Disabled People's E-Learning Process*)”, Birim Balcı Demirci, Gonca Telli Yamamoto and Uğur Demiray (Ed.), Türkiye’de E-Öğrenme: Gelişmeler ve Uygulamalar – 2 (*E-Learning in Turkey: Developments and Applications – 2*), 2011.
7. Deperlioğlu, Ö., Ergün, E. and Köse, U., “E-Öğrenme Sistemlerinde Verimlilik Artırımının Gözlenmesi: Afyon Kocatepe Üniversitesi Örneği (*Investigation of Efficiency Improvement in E-Learning Systems and the Afyon Kocatepe University Example*)”, Uğur Demiray, Mehmet Kesim and Gonca Telli Yamamoto (Ed.), Türkiye’de E-Öğrenme: Gelişmeler ve Uygulamalar (*E-Learning in Turkey: Developments and Applications*), 2010.

### **National Patents:**

1. Samancı, K., **Köse, U.** and Tüfekçi, A., “Dokunmatik Yazım Çizim Sistemi (*Touch-screen Writing Drawing System*)”, Turkish Patent Institute, (Patent registration number being processed; funded by The Scientific and Technological Research Council of Turkey – Doc. No. 2013-890).

### **Thesis Work:**

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:**

1. A blended learning model supported with Web 2.0 technologies (98 times).
2. What is search engine optimization: SEO? (47 times).
3. The effectiveness and experiences of blended learning approaches to computer programming education (29 times).
4. A web based system for project-based learning activities in “web design and programming” course (28 times).
5. 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*) (23 times).
6. An augmented reality based mobile software to support learning experiences in computer science courses (17 times).
7. An educational tool for artificial neural networks (17 times).
8. Intelligent learning environments within blended learning for ensuring effective c programming course (13 times).
9. Development of an internet-based exam system for mobile environments and evaluation of its usability (13 times).
10. Web 2.0 Technologies in E-Learning (10 times).
11. Design and development of a sample “computer programming” course tool via story-based e-learning approach (8 times).
12. On the idea of a new artificial intelligence based optimization algorithm inspired from the nature of vortex (7 times).
13. Algoritma ve akış şeması kavramlarının öğretiminde akıllı bir yazılım sistemi kullanımı (*Usage of an intelligent software system in teaching algorithm and flowchart concepts*) (6 times).
14. Educational material development model for teaching computer network and system management (5 times).
15. Artificial Intelligence Applications in Distance Education (5 times).
16. An Educational, Virtual Laboratory System for Fuzzy Logic (5 times).
17. Realizing an optimization approach inspired from piaget’s theory on cognitive development (4 times).
18. Present State of Swarm Intelligence and Future Directions (4 times).
19. Chaotic Systems and Their Recent Implementations on Improving Intelligent Systems (4 times).
20. Developing a fuzzy logic based game system (4 times).
21. E-Öğrenme Sistemlerinde Verimliliğin Ölçülmesi: Afyon Kocatepe Üniversitesi Örneği (*Measuring the Efficiency in E-Learning Systems: The Afyon Kocatepe University Example*) (4 times).

22. Web 2.0 Servislerinin Sosyolojik Değerlendirilmesi (*Evaluating Web 2.0 Services Sociologically*) (4 times).
23. Intelligent e-learning system for improving students' academic achievements in computer programming courses (3 times).
24. Diabetes determination via vortex optimization algorithm based support vector machines (3 times).
25. An Adaptive Neuro-Fuzzy Inference System-Based Approach to Forecast Time Series of Chaotic Systems (3 times).
26. A sociologic evaluation: effects of social networking caused e-learning on university students (3 times).
27. Fundamentals of fuzzy logic with an easy-to-use, interactive fuzzy control application (3 times).
28. A Web Based Education System for Teaching and Learning Fuzzy Logic (3 times).
29. E-learning experience with artificial intelligence supported software: An international application on English language courses (2 times).
30. On the state of free and open source e-learning 2.0 software (2 times).
31. Bilişim Suçlarıyla Mücadelede Üniversite ve Emniyet İşbirliği: Bir Eğitim Süreci (*University and Police Cooperation in Fighting Against Cybercrimes: An Education Process*) (2 times).
32. Development of an artificial intelligence based software system on teaching computer programming and evaluation of the system (2 times).
33. Design and development of an e-learning environment for the course of electrical circuit analysis (2 times).
34. Bulanık Mantık ve Yapay Sinir Ağları için Eğitim Yazılımı Geliştirilmesi (*Developing Education Software for Fuzzy Logic and Artificial Neural Networks*) (2 times).
35. Sending E-Mail with an Encrypting Algorithm Based on Private-Key Encryption (2 times).
36. Effects of Social Media on Students: An Evaluation Approach in Turkey (2 times).
37. Design Principles for an Intelligent-Augmented-Reality-Based M-Learning Application to Improve Engineering Students' English Language Skills (1 time).
38. Improving Content Marketing Processes with the Approaches by Artificial Intelligence (1 time).
39. Optimization of self-learning in Computer Engineering courses: An intelligent software system supported by Artificial Neural Network and Vortex Optimization Algorithm (1 time).
40. Optimization with the idea of algorithmic reasoning (1 time).
41. An Artificial Intelligence Perspective on Ensuring Cyber-Assurance for the Internet of Things (1 time).
42. A software system for intelligent mathematical optimization of content marketing (1 time).
43. Underwater Image Enhancement based on Contrast Adjustment via Differential Evolution Algorithm (1 time).
44. Intelligent Optimization for Logistics (1 time).
45. For an Intelligent E-Learning: A Managerial Model Suggestion for Artificial Intelligence Supported E-Learning Content Flow (1 time).
46. Impact of social media on marketing: A view on success stories (1 time).
47. Design and Development of a Chaos-Based Image Encryption System (1 time).
48. Siber Suçlara Karşı Türk Hukukundaki Cezaî Yaptırımların Yeterliği (*Competency of Criminal Sanctions of Turkish Law against Cyber-Crimes*) (1 time).
49. Design and development of a software system for swarm intelligence based research studies (1 time).
50. Headache Diagnosis by Using the Clonal Selection Algorithm (1 time).
51. Using Data Mining Techniques in E-learning (1 time).
52. An Advanced M-Learning System for Teaching Artificial Intelligence Techniques (1 time).
53. WebALGO: Algoritma Öğreniminde İnternet Tabanlı Bir Eğitimsel Materyal Geliştirilmesi (*WebALGO: Development of an Internet Based Educational Material on Learning Algorithm*) (1 time).

**For the up-to-date list and numbers: [Google Scholar](#)**

## **Reviewerships/Memberships/Conference Support:**

### **International Journal Editorial Board Membership:**

1. Computer and Information Science – CCSE
2. Computer Technology and Application – David Publishing
3. International Journal of Artificial Intelligence and Applications – AIRCC
4. International Journal of Computing and Optimization – Hikari Ltd.
5. International Journal of Internet of Things and Cyber-Assurance – Inderscience
6. International Journal of Internet of Things and Its Applications – SERSC
7. International Journal of Wearable Device – GV School Publication
8. Journal of Multidisciplinary Developments – Utku Kose

### **International Journal Reviewing:**

1. Advances in Research – Sciencedomain International
2. American Journal of Experimental Agriculture – Sciencedomain International
3. American Journal of Software Engineering and Applications – SciencePG
4. Applied Soft Computing – Elsevier
5. Artificial Intelligence Review – Springer
6. AshEse Journal of Engineering – AshEse Visionary
7. Asian Journal of Agricultural Extension, Economics and Sociology – Sciencedomain International
8. Asian Journal of Current Research – International Knowledge Press
9. Asian Journal of Mathematics and Computer Research – International Knowledge Press
10. Asian Research Journal of Arts & Social Sciences – Sciencedomain International
11. Asian Research Journal of Mathematics – Sciencedomain International
12. British Journal of Applied Science and Technology – Sciencedomain International
13. British Journal of Economics, Management and Trade – Sciencedomain International
14. British Journal of Education, Society and Behavioural Science – Sciencedomain International
15. British Journal of Mathematics and Computer Science – Sciencedomain International
16. British Journal of Medicine and Medical Research – Sciencedomain International
17. Broad Research in Artificial Intelligence and Neuroscience – EduSoft Publishing
18. Computers in Human Behavior – Elsevier
19. Computer and Information Science – CCSE
20. Computer Applications in Engineering Education – Wiley
21. Computer Languages, Systems & Structures – Elsevier
22. Computer Technology and Application – David Publishing
23. Computers and Education – Elsevier
24. Computers and Electrical Engineering – Elsevier
25. Current Journal of Applied Science and Technology – Sciendomain
26. Ecoforum Journal - "Stefan cel Mare" University of Suceava
27. Education and Information Technologies – Springer
28. E-Journal of New World Sciences Academy – NWSA
29. Electronic Commerce Research – Springer
30. European Journal of Engineering Education – Taylor and Francis
31. IEEE Transactions on Education – IEEE
32. IET Software – IET
33. Informing Science: The International Journal of an Emerging Transdiscipline – ISI
34. Intelligent Decision Technologies: An International Journal – PROSE Publication
35. Interdisciplinary Journal of e-Skills and Lifelong Learning – ISI
36. Interdisciplinary Journal of Information, Knowledge, and Management – ISI
37. International Journal of Artificial Intelligence and Applications – AIRCC
38. International Journal of Communication Systems – Wiley
39. International Journal of Community Development and Management Studies – ISI
40. International Journal of Computer Science and Information Technology – AIRCC
41. International Journal of Computing and Optimization – Hikari
42. International Journal of Energy Optimization and Engineering – IGI Global
43. International Journal of Engineering Education – Tempus Publications

44. International Journal of Fuzzy Logic Systems – Wireilla
45. International Journal of Informatics Technologies (*Bilişim Teknolojileri Dergisi*) – Gazi University Informatics Institute
46. International Journal of Information Communication Technologies and Human Development – IGI Global
47. International Journal of Internet of Things and Cyber-Assurance – Inderscience
48. International Journal of Network Security and Its Applications – AIRCC
49. International Journal of Software Engineering and Applications – AIRCC
50. International Journal of Web Based Communities – Inderscience
51. International Journal on Natural Language Computing – AIRCC
52. International Research Journal of Public and Environmental Health – JIssues
53. Journal of Advances in Mathematics and Computer Science – Sciencedomain
54. Journal of Ambient Intelligence and Humanized Computing – Springer
55. Journal of Applied Computer Science and Mathematics – "Stefan cel Mare" University of Suceava
56. Journal of Applied Physical Science International – International Knowledge Press
57. Journal of Basic and Applied Research International – International Knowledge Press
58. Journal of Computing in Higher Education – Springer
59. Journal of Digital Information Management – DIRF
60. Journal of Economics, Management and Trade – Sciencedomain International
61. Journal of Education, Society and Behavioural Science – Sciencedomain International
62. Journal of Geography, Environment and Earth Science International – Sciencedomain International
63. Journal of Global Research in Education and Social Science – International Knowledge Press
64. Journal of Information Technology Education: Innovations in Practice – ISI
65. Journal of Information Technology Education: Research – ISI
66. Journal of Modern Optics – Taylor and Francis
67. Journal of Multidisciplinary Developments – Utku Kose
68. Journal of Scientific Research and Reports – Sciencedomain International
69. Journal of Systems and Software – Elsevier
70. Journal of Uncertainty Analysis and Applications – Springer
71. Knowledge-Based Systems – Elsevier
72. Machine Learning Research – SciencePG
73. Mathematical Problems in Engineering – Hindawi
74. Neural Computing and Applications – Springer
75. Physical Science International Journal – Sciencedomain International
76. Recent Patents on Computer Science – Bentham Science
77. Studies in Higher Education – Taylor and Francis
78. Technology, Knowledge and Learning – Springer
79. The Anthropologist – KRE
80. The Open Cybernetics and Systemics Journal – Bentham Open
81. The Scientific World Journal – Hindawi
82. The Turkish Online Journal of Distance Education – Anadolu University
83. Turkey Informatics Foundation Computer Sciences and Engineering Journal – Turkey Informatics Foundation

#### **International Edited Book Reviewing / Editorial Board Membership:**

1. Studies in Computational Intelligence Series: Innovative Computing, Optimization and Its Applications: Modelling and Simulations, Springer, 2017.
2. Mobile Technologies and Augmented Reality in Open Education, IGI Global, 2016.
3. Modern Optimization Algorithms and Applications in Engineering and Economics, IGI Global, 2015.
4. Multicultural Awareness and Technology in Higher Education: Global Perspectives, IGI Global, 2014.

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

1. Information Systems International Conference 2017 [ISICO 2017 (6 - 8 November 2017)]

2. International Conference on Computer Science and Engineering 2017 [COMPSE 2017 (3 - 4 November 2017)]
3. International Conference on Computer Science and Application Engineering 2017 [CSAE 2017 (21 - 23 October 2017)]
4. Human and Social Sciences at the Common Conference 2017 [HASSACC 2017 (25 - 29 September 2017)]
5. International Conference on Soft Computing, Artificial Intelligence and Applications 2017 [SCAI 2017 (23 - 24 September 2017)]
6. Informing Science + IT Education Conferences 2017 [InSITE 2017 (31 July - 5 August 2017)]
7. International Conference on Fuzzy Logic Systems 2017 [FUZZY 2017 (29 - 30 July 2017)]
8. International Congress on Natural and Engineering Sciences 2017 [ICNES 2017 (21 - 35 July 2017)]
9. International Virtual Conference on Advanced Scientific Results 2017 [SCIECONF 2017 (26 - 30 June 2017)]
10. International Vocational Schools Symposium 2017 [UMYOS 2017 (18 - 20 May 2017)]
11. International Conference on Artificial Intelligence, Soft Computing and Applications 2017 [AISCA 2017 (25 - 26 March 2017)]
12. International Conference on Artificial Intelligence and Applications 2017 [AIAPP 2017 (25 - 26 March 2017)]
13. European Conference on e-Learning 2017 [ECEL 2017]
14. International Conference on Soft Computing Artificial Intelligence and Applications 2016 [SAI 2016 (12 - 13 November 2016)]
15. International Conference on Computer Science and Engineering 2016 [COMPSE 2016 (11 - 12 November 2016)]
16. International Conference on Advanced Research in Scientific Areas 2016 [ARSA 2016 (7 - 11 November 2016)]
17. Research Conference in Technical Disciplines 2016 [RCITD 2016 (17 - 21 October 2016)]
18. Human and Social Sciences at the Common Conference 2016 [HASSACC 2016 (3 - 7 October 2016)]
19. Europe, Middle East and North Africa Conference on Technology and Security to Support Learning 2016 [EMENA-TSSL 2016 (3 - 5 October 2016)]
20. Informing Science + IT Education Conferences 2016 [InSITE 2016 (27 June - 1 July 2016)]
21. Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE) Conferences - Events
22. International Workshop on Wireless and Mobile Communication for Industrial Systems 2015 [WMCIS 2015 (16 - 19 December 2015)]
23. Research Conference in Technical Disciplines 2015 [RCITD 2015 (19 - 23 October 2015)]
24. e-Skills Conference 2015: eSkills for Knowledge Production and Innovation [e-Skills 2015 (27 September - 3 October 2015)]
25. Informing Science + IT Education Conferences 2015 [InSITE 2015 (1 - 5 July 2015)]
26. International Conference on Information Technology Convergence and Services 2015 [ITCSE 2015 (23 - 24 May 2015)]
27. International Conference on Cryptography and Information Security 2015 [CRYPIS 2015 (23 - 24 May 2015)]
28. International Conference on Computer Science and Environmental Engineering 2015 [CSEE 2015 (17 - 18 May 2015)]
29. Asia Pacific Symposium on Intelligent and Evolutionary Systems [IES 2014 (10 - 12 November 2014)]
30. International Conference on Bioinformatics and Biosciences [ICBB 2014 (8 - 9 August 2014)]
31. Informing Science + IT Education Conferences 2014 [InSITE 2014 (30 June - 4 July 2014)]
32. Knowledge and Management Conference 2014 [KM Conference 2014 (25 - 28 June 2014)]
33. International Conference on Artificial Intelligence, Soft Computing and Applications [AIAA 2014 (24 - 25 May 2014)]
34. Informing Science + IT Education Conferences 2013 [InSITE 2013 (2 - 5 July 2013)]
35. Knowledge Management Conference 2013 [KMC 2013 (26 - 28 June 2013)]
36. International Conference on Green Computing, Technology and Innovation 2013 [ICGCTI 2013 (4 - 6 March 2013)]
37. International Conference on e-Technologies and Networks for Development 2013 [ICeND 2013 (4 - 6 March 2013)]

38. International Conference on Signal, Image Processing and Pattern Recognition 2013 [SIPP 2013 (18 - 20 February 2013)]
39. World Conference on Information Technology 2012 [WCIT 2012 (14 - 16 November 2012)]
40. International Conference on Informatics and Applications 2012 [ICIA 2012 (3 - 5 June 2012)]
41. International Conference on Informatics Engineering and Information Science 2011 [ICIEIS 2011 (14 - 16 November 2011)]
42. 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 <math>\leftrightarrow</math> Hacker and Ethical Hacker Culture - Attack Methods” – Moderator (14 December 2012, Uşak University).

**Additional Administrative Work:**

**National Academic Commission / Committee / Board Membership:**

1. Uşak University – Computer Sciences Application and Research Center Administration Board (2014 - 2017): Director
2. Uşak University – 2012-2013 Term Pedagogical Formation Certificate Program – Student Approve Evaluation Commission: Commission Member.
3. Uşak University – Bologna Coordination Commission (2012 - 2017): Commission Member.
4. Uşak University – International Student Commission (2012 - 2017): Commission Member.
5. Afyon Kocatepe University – Library Advisory Board (2011 – 2012): Board Member.
6. Afyon Kocatepe University – Distance Education Vocational School Administration Board (2011 – 2012): Vice Director.

**Teaching:**

**Undergraduate/Graduate Courses Taught:**

- Artificial Intelligence: Graduate
- Basic Information Technologies (1, 2): Undergraduate
- Basic Information Technologies (1, 2): Graduate
- Basics of Web Designing: Undergraduate
- C Programming (1, 2): Undergraduate
- Computer Hardware: Undergraduate
- Computer Network Systems: Undergraduate
- Computer Programming (1, 2) : Graduate
- Computer Programming: Undergraduate
- Data Mining: Graduate
- 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
- Management Information Systems: Graduate
- 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 Based Optimization and VOA, CoDOA Techniques" – Visiting Lecturing Activity (11 - 15 June 2015, University of Bacau "Vasile Alecsandri" / Bacau, Romania).
2. "Bio-Inspired Computation" – EU – Erasmus Teaching Mobility (13 - 18 January 2014, University of Bacau "Vasile Alecsandri" / Bacau, Romania).
3. "Heuristic Optimization Algorithms" – EU – Erasmus Teaching Mobility (23 February 2013 - 03 March 2013, University of Oradea / Oradea, Romania).

### **National Academic Seminar / Training Activities:**

1. "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).
2. "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).
3. "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).
4. "Sanal Dünya'da Güvenlik (*Security in the Virtual World*)" – A seminar activity in the context of the protocol between Uşak University – Karahallı Vocational School and Karahallı Anatolian High School for the collaboration of science, art, sports, and culture in 2015-2017 (20 January 2016, Karahallı Anatolian High School / Uşak).
5. "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).
6. "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).
7. "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” – Theoretical 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

### **Awards/Achievements:**

1. “Top Reviewers for Computer Science Award” in the context of Publons Peer Review Awards 2017.
2. “Top Reviewers for Social Sciences Award” in the context of Publons Peer Review Awards 2017.
3. “Top Reviewers for Turkey Award” in the context of Publons Peer Review Awards 2017.
4. “Young Scientist Award” in the context of Venus International Research Awards 2016 by the Venus International Foundation.
5. Finalist in the Innovation in Teaching of Research Methodology Excellence Awards at 2016 European Conference on Research Methodology for Business and Management Studies
6. Turkey – Council of Higher Education Academic Encouragement Allowance (2016, 2017).
7. TÜBİTAK (The Scientific and Technological Res. Council of Turkey) Publication Awards (2013, 2014, 2016, 2017).
8. Uşak University Publication Awards.
9. Utku KÖSE’s biography has been published in the “30th Pearl Anniversary Edition of Who's Who in the World®”.
10. Afyon Kocatepe University, Institute of Natural and Applied Sciences, Computer Dept., 1<sup>st</sup> of the Dept. (Average Grade: 98,36 / 100).
11. Gazi University, Gazi University, Industrial Arts Education Faculty, Computer Education Dept., Faculty Valedictorian (Average Grade: 94,40 / 100).