M. Ali Akcayol, Ph.D.

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INTERESTS

Artificial Intelligence, Deep Learning, Big Data Analytics, Web Mining, Recommender Systems, Intelligent Optimization Techniques

ACADEMIC

2011	**Prof. Dr.,** Gazi University, Faculty of Engineering, Department of Computer Engineering.
2009	**ERASMUS Teaching Staff Mobility,** A course entitled "Artificial Neural Networks and Their Applications in Wireless Mobile Networks" has been offered at University of Vigo, Spain, 18-22 May 2009.
2006 - 2011	**Assoc. Prof. Dr.,** Gazi University, Faculty of Engineering, Department of Computer Engineering.
2005	**LdV II,** Practical and Terminological Studies on Electronics-Computer Technologies and Education, TR/04/A/F/EX 1-23, Warsaw, Poland, 2005.
2003 - 2006	**Assist. Prof. Dr.,** Gazi University, Faculty of Engineering, Department of Computer Engineering.
2002 - 2003	**Instructor,** Gazi University, Faculty of Engineering, Department of Industrial Engineering.
1994 - 2002	**Research Assistant,** Gazi University, Graduate School of Natural and Applied Sciences.

EDUCATION

2004	**Postdoctoral Research,** Michigan State University, USA.
2002	**Ph.D.,** Gazi University, Dissertation: Neuro-Fuzzy Control of a Switched Reluctance Motor.
1998	**M.Sc.,** Gazi University, Thesis: Fuzzy Logic Based Speed Control of Brushless DC Motor.
1993	**B.Sc.,** Gazi University, Department of Computer Systems, Ankara, Turkey.

PROFESSIONAL EXPERIENCE

2022 -	**Field Editor,** Journal of the Faculty of Engineering and Architecture, Gazi University.
2021 -	**Member of Board of Directors,** Informatics Institute, Gazi University.
2020 -	**Chairman,** Gazi University, Faculty of Engineering, Department of Computer Engineering.
2020 -	**Member of Editorial Board,** International Journal of Computer and Communication Engineering
2016 -	**Field Editor,** Journal of Science, Gazi University, Graduate School of Natural and Applied Sciences
2015 -	**Member of Editorial Board,** Journal of Software
2018 - 2020	**Chairman,** Department of Computer Science, Gazi University, Informatics Institute
2017 - 2020	**Advisory Committee Member,** Gazi University, Faculty of Engineering
2016 - 2020	**Field Editor,** International Journal of Informatics Technologies, Gazi University, Informatics Institute
2012 - 2015	**Chairman,** Gazi University, Faculty of Engineering, Department of Computer Engineering.
2010 - 2013	**Associate Dean,** Gazi University, Faculty of Engineering
2010 - 2011	**Member of Board of Directors,** Gazi University, Faculty of Engineering
2009 - 2010	**Erasmus Coordinator,** Gazi University, Informatics Institute

2008 - 2013	**Member of Board of Directors,** Gazi University, Distance Learning Higher School of Vocational Education
2008 - 2011	**Editor in Chief,** International Journal of Informatics Technologies, Gazi University, Informatics Institute
2007 - 2013	**Chairman,** Department of Computer Science, Gazi University, Informatics Institute
2007 - 2009	**Advisory Committee Member,** Gazi University, Continuing Education Research and Implementation Centre
2006 - 2013	**Institute Committee Members,** Gazi University, Informatics Institute
2006 - 2010	**Member of Board of Directors,** Gazi University, Informatics Institute
2006 - 2010	**Vice Chairman,** Gazi University, Informatics Institute
2003 - 2010	**Vice Chairman,** Gazi University, Faculty of Engineering, Department of Computer Engineering
2003 - 2008	**Erasmus Coordinator,** Gazi University, Faculty of Engineering, Department of Computer Engineering

PROJECTS

- Multipurpose hybrid autonomous drone design and prototype realization
  TÜBİTAK 3211162. (Consultant)
- Landing site detection system design and prototype realization
  TÜBİTAK 3211383. (Consultant)
- Deep learning-based log anomaly detection on application servers
  TÜBİTAK 2209-B, **KoçSistem Inc.** (Advisor)
- Deep learning-based log anomaly detection on database servers
  TÜBİTAK 2209-B, **KoçSistem Inc.** (Advisor)
- A model for integration of urban heat island effect mitigation into planning processes: Local climate zone based morphological approach
  TÜBİTAK 1001. (Researcher)
- Development of Software and Hardware Device for Detection of Real-Time Security Weakness and Anomaly for Enterprise Networks
  TÜBİTAK 3191584. (Consultant)
- Data Collection, Verification and Querying from Heterogeneous Data Sources on the Internet
  TÜBİTAK BİDEB 2244 Industrial PhD Program 118C127, **Huawei Technologies Co. Ltd.** (Principal Investigator)
- Recommender System Based on Prediction of Distribution in Stream Data and Presenting Unexpected Suggestion
  Gazi University Scientific Research Project, 06/2020-14, 2021. (Principal Investigator)
- Automated machine learning platform
  TUSAŞ, 2021. (Advisor)
- Platform Communication Systems for Ship Data Distribution System
  TÜBİTAK 2209-B, **HAVELSAN Inc.,** 2021. (Advisor))
- Open Source Framework Services in PaaS Model for Management of Enterprise IT Hardware and Software Resources
  TÜBİTAK 1160248, 2020. (Consultant)
- Web Search Engine with Semantic Results Matching and Pre-ranking Algorithm Based on Graded Field Classification
  TÜBİTAK 3150892, 2019. (Consultant)
- RDS of Things: Using RDS Technology for Smart Cities
  TÜBİTAK INTEL ISEF (Jury Special Award), 2018. (Consultant) (Principal Investigator: Atalay Kutlay)
- Develop a Recommendation Engine Based on User Behavior and Neighborhood Analysis Using Web Mining Methods
  TÜBİTAK 115E749, 2017. (Principal Investigator)
- Improve the Product Realization Quality of Aerospace Using Augmented Reality Technology
  Supported by **TAI (SAYP)** DDAGT1, 2017. (Principal Investigator)

- Design and Develop a Software Using Data Mining Methods for Analysis of Medical Person's Training Needs
  Supported by International Bank for Reconstruction and Development, 7717-TU, 2014. (Consultant)
- Semantic Matching Based Automatic Meta-Search Engine
  Supported by Huawei Technologies Co. Ltd. & Ministry of Science, Industry and Technology
  SanTez 0431.STZ.2013-2, 2013. (Principal Investigator)
- Develop Multicast Routing Protocol in Wireless Networks
  Gazi University Scientific Research Project, 06/2010-53, 2013. (Principal Investigator)
- Speech Recognition Device for Hearing Impaired Person with Sense of Touch Using Morse Alphabet
  Supported by KOSGEB, 2013. (Consultant)
- 3G Based Adaptive and Energy Efficient Smart Home Application
  Gazi University Scientific Research Project, 06/2010-60, 2012. (Principal Investigator)
- Re-Structuring the Traffic Auditing and Accident Services and Determining the Locations of Regional Traffic Stations with Performance-Based Resource Management System
  TÜBİTAK 107G174, 2012. (Researcher)
- Develop Security Aware Intelligent Routing Protocol for Broadband Wireless Mobile Networks
  Gazi University Scientific Research Project, 06/2009-44, 2011. (Principal Investigator)
- New Approaches to Data Security and Defense Strategies
  LdV, (Researcher)
  Coordinator: Gazi University Informatics Institute, 2010.
  Partners: Teaching and Training Committee, The Grand National Assembly of Turkey, Turkish Radio and Television, Data Security Association, Turkish State Meteorological Service.
- Develop Healthcare Information System for Turkey Using GSM/GPRS Based Wireless Network
  Gazi University Scientific Research Project, 06/2005-41, 2007. (Principal Investigator)
- Artificial Intelligence Based Query Optimized Open Source XML Database Server Software
  Gazi University Scientific Research Project, 06/2005-39, 2007. (Principal Investigator)
- Artificial Intelligence Education and Application Development Laboratory
  Gazi University Scientific Research Project, 2006. (Researcher)
- Applied and Theoretical Studies on Electronics/Computer Technologies and Education
  LdV II, TR/04/A/F/EX 1-23, Warsaw, Poland, 2005. (Researcher)
- Design and Application of GSM Based SCADA System
  Gazi University Scientific Research Project, 06/2003-27, 2005. (Principal Investigator)
- Supply Chain Management and Information Systems
  Gazi University Scientific Research Project, 2005. (Researcher)
- Investigation and Rehabilitation of Cathodic Protection Systems
  Turkey Petroleum Pipeline Corporation (BOTAŞ), 2002. (Researcher)

PUBLICATIONS

CITATIONS

Cited 544 times by other researchers. (Web of Science)
h-index: 13

BOOKS

- **Artificial intelligence and digital transformation in the light of new generation technologies**
  Editors: Yılmaz M., Akcayol M.A.
  Authors: Kabukcu M., Özdem K., Ulusoy R., Akyol A., Öniz Y., Yüksel K., Sancak E., Utku A., Başkaya F., Karacan H., Alpay Ö.
  Nobel Akademic Publishing, ISBN: 978-625-417-991-4, August 2022.

- **A novel model for risk estimation in software projects using artificial neural network**
  Calp M.H., Akcayol M.A.

Book Chapter on Artificial Intelligence and Applied Mathematics in Engineering Problems
Hemanth D.J., Kose U. (Editors), Springer, pp.295-319, ISBN: 978-3-030-36178-5, 2020.

- Discrete mathematics and its applications 7th Ed.)
  Palme Publishing, ISBN: 978-605-355-357-1 (Chapter Translation), 2015.
  Kenneth H. Rosen
  McGraw-Hill Science/Engineering/Math, 2011.

- Using Decision Support Systems for Transportation Planning Efficiency (Editorial Advisory Board)
  IGI Global, ISBN: 9781466686489, 2015.

- **Web Technologies**
  Erdem O.A., Akcayol M.A.
  Seçkin Press, ISBN: 975 347 886 0, Ankara, Turkey.

SCI / SCI-E JOURNALS

- **Deep convolutional neural network-the evaluation of cervical vertebrae maturation**
  Akay G., Akcayol M.A., Özdem K., Güngör K.
  Oral Radiology, https://doi.org/10.1007/s11282-023-00678-7, 2023.

- **A new topic modeling-based approach for aspect extraction in aspect-based sentiment analysis: SS-LDA**
  Özyurt B., Akcayol M.A.
  Expert Systems with Applications, Vol.168, 114231, April 2021.

- **Candidate sentence selection for extractive text summarization**
  Mutlu B., Sezer E., Akcayol M.A.
  Information Processing and Management, Vol.57, 2020.

- **Prediction of the next time of an event with deep learning-based model**
  Utku A., Akcayol M.A.
  Journal of Polytechnic, Vol.24(1), pp.1-15, 2021.

- **Deep learning based new prediction model for the next purchase**
  Utku A., Akcayol M.A.
  Advances in Electrical and Computer Engineering, Vol.20(2), pp.35-44, 2020.

- **Multi-document extractive text summarization: a comparative assessment on features**
  Mutlu B., Sezer E., Akcayol M.A.
  Knowledge-Based Systems, Vol.183, 2019.

- **An experimental research on the use of recurrent neural networks in landslide susceptibility mapping**
  Mutlu B., Nefeslioğlu H.A., Sezer E.A., Akcayol M.A., Gökçeoğlu C.
  ISPRS International Journal of Geo-Information, Vol.8(12), 578, 2019.

- **A weighted multi-attribute-based recommender system using extended user behavior analysis**
  Akcayol M.A., Utku A., Aydoğan E., Mutlu B.
  Electronic Commerce Research and Applications, Vol.28, pp.86-93, 2018.

- **Calculation of electron energy distribution functions from electron swarm parameters using artificial neural network in SF6 and Argon**
  Tezcan S.S., Akcayol M.A., Ozerdem O.C., Dincer, M.S.
  IEEE Transactions on Plasma Science, Vol.38(9), pp.2332-2339, 2010.

- **An educational tool for fuzzy logic controlled BDCM**
  Akcayol M.A., Çetin A., Elmas Ç.
  IEEE Transactions on Education, Vol.45(1), pp.33-42, 2002.

- **Application of adaptive neuro-fuzzy controller for SRM**
  Akcayol M.A.
  Advances in Engineering Software, Vol.35(3-4), pp.129-137, 2004.
  (Top 25 Hottest Articles, July - September 2004)

- **A modified genetic algorithm for a special case of generalized assignment problem**
  Dörterler M., Bay O.F., Akcayol M.A.
  Turkish Journal of Electrical Engineering & Computer Sciences, Vol.25, pp.794-805, 2017.

- **A GIS based novel active monitoring system for fiber networks**
  Akdemir Ö.K., Dursun T., Arslan S., Benzer R., Akcayol M.A.
  Turkish Journal of Electrical Engineering & Computer Sciences, Vol.24(1), pp.247-261, 2016.

- **A heuristic routing protocol and congestion control at wireless networks**
  Şimşek M., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.23(1), pp.57-63, 2008.

- **NEFCLASS-based neuro fuzzy controller for SRM drive**
  Akcayol M.A., Elmas Ç.
  Engineering Applications of Artificial Intelligence, Vol.18(5), pp.595-602, 2005.
  (Top 25 Hottest Articles, April - June 2005)

- **Develop a 3G based remote controlled car**
  Şimşek M., Yoldaş M., Bulut A., Doğru İ.A., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.27(1), pp.135-142, 2012.

- **Modelling (using artificial neural-networks) the performance parameters of a solar-driven ejector-absorption cycle**
  Sözen A., Akcayol M.A.
  Applied Energy, Vol.79(3), pp.309-325, 2004.

- **PICTool: Integrated hardware and software for teaching/learning FLC using microcontrollers**
  Erdem O.A., Akcayol M.A., Orman A.
  Intelligent Automation and Soft Computing, Vol.12(4), pp.411-417, 2006.

- **Gene selection for breast cancer classification based on data fusion and genetic algorithm**
  Yıldız O., Tez M., Bilge H.S., Akcayol M.A., Güler İ.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.27(3), pp.659-668, 2012.

- **A scalable routing protocol for wireless mesh networks**
  Kocaoğlu R, Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.27(4), pp.891-899, 2012.

- **Application of fuzzy logic controlled cathodic protection on Iraq-Turkey crude oil pipeline**
  Akcayol M.A.
  Applied Intelligence, Vol.24(1), pp.43-50, 2006.

- **Congestion control in WAP traffic and transport layer protocols**
  Toklu S., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.24(3), pp.397-408, 2009.

- **Genetic algorithm based a new algorithm for time dynamic shortest path problem**
  Dener M., Akcayol M.A., Toklu S., Bay Ö.F.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.26(4), pp.915-928, 2011.

- **A hybrid genetic algorithm for multistage integrated logistics network optimisation problem**
  Demirel N., Gökçen H., Akcayol M.A., Demirel E.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.26(4), pp.926-936, 2011.

- **Neuro-fuzzy controller implementation for an adaptive cathodic protection on Iraq-Turkey crude oil pipeline**
  Akcayol M.A., Sağıroğlu Ş.
  Applied Artificial Intelligence, Vol.21(3), pp.241-256, 2007.

- **A Computer-based educational tool for pulse width modulator for static converters**
  Akcayol M.A., Yiğit T.
  Computer Applications in Engineering Education, Vol.12(4), pp.215-223, 2004.

- **Artificial neural network based modeling of heated catalytic converter performance**
  Akcayol M.A., Çınar C.
  Applied Thermal Engineering, Vol.25(14-15), pp.2341-2350, 2005.
  (Top 25 Hottest Articles, April - June 2005, July - September 2005, October - December 2005)

- **Virtual electrical machinery laboratory: a fuzzy logic controller for induction motor drive**
  Elmas Ç., Akcayol M.A.
  International Journal of Engineering Education, Vol.20(1), pp.226-233, 2004.

- **An educational tool for fuzzy logic controller and classical controllers**
  Akcayol M.A., Elmas Ç., Erdem O.A., Kurt M.
  Computer Applications in Engineering Education, Vol.12(2), pp.126-135, 2004.

- **Performance prediction of a solar driven ejector-absorption cycle using fuzzy logic**
  Sözen A., Kurt M., Akcayol M.A., Özalp M.
  Renewable Energy, Vol.29(1), pp.53-71, 2004.

- **PC based educational tool for a switched reluctance drive with fuzzy logic**
  Elmas Ç., Akcayol M.A.
  International Journal of Electrical Engineering Education, Vol.40(4), pp.208-219, 2003.

- **Performance prediction of a vapour-compression heat-pump**
  Sözen A., Arcaklıoğlu E., Erişen A., Akcayol M.A.
  Applied Energy, Vol.79(3), pp.327-344, 2004.
  (Top 25 Hottest Articles, July - September 2004, October - December 2004)

- **Forecasting net energy consumption using artificial neural network**
  Sözen A., Akcayol M.A., Arcaklıoğlu E.
  Energy Sources, Part B, Vol.1(2), pp.147-155, 2006.

- **Temperature prediction in a coal fired boiler with a fixed bed by fuzzy logic based on numerical solution**
  Bıyıkoğlu A., Akcayol M.A., Özdemir V., Sivrioğlu M.
  Energy Conversion and Management, Vol.46(1), pp.151-166, 2005.

- **Reformulation, as a function of only working temperatures, of performance parameters of a solar driven ejector-absorption cycle using artificial neural networks**
  Sözen A., Akcayol M.A.
  Energy Sources, Vol.27(12), pp.1133-1149, 2005.

- **NEFCLASS based extraction of fuzzy rules and classification of risks of low back disorders**
  Akay D., Akcayol M.A., Kurt M.
  Expert Systems with Applications, Vol.35, pp.2107-2112, 2008.

- **A simple neuro fuzzy model for ISE 100 index prediction**
  Ok Y., Atak M., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.26(4), pp.897-904, 2011.

ESCI JOURNALS

- **Bird species classification using deep learning: a comparative study**
  Bilgin M.M., Özdem K., Akcayol M.A.
  Journal of Polytechnic, Vol.25(3), pp.1251-1260, 2022.

- **Prediction of the next time of an event with deep learning based model**
  Utku A., Akcayol M.A.
  Journal of Polytechnic, Vol.24(1), pp.1-15, 2021.

- **Design and implementation of web based risk management system based on artificial neural networks for software projects: WEBRISKIT**
  Calp M.H., Akcayol M.A.
  Pamukkale University Journal of Engineering Sciences, Vol.26(5), pp.993-1014, 2020.

- **Deep learning based new model for video captioning**
  Özer E.G., Karapınar İ.N., Başbuğ S., Turan S., Utku A., Akcayol M.A.
  International Journal of Advanced Computer Science and Applications, Vol.11(3), 2020.

- **Prediction of the next time of an event with deep learning based model**
  Utku A., Akcayol M.A.
  Journal of Polytechnic, Vol.24(1), pp.1-15, 2021.

EI JOURNALS

- **An efficient multi-threaded Web crawler using HashMaps**
  Kansu Y., Mutlu B., Utku A., Akcayol M.A.
  Journal of Advances in Computer Networks, Vol.5(1&2), pp.66-70, 2017. (Selected from ICEEE 2017.)

- **A comprehensive analysis of architectures and methods of real-time big data analytics**
  Ay S., Akcayol M.A.
  Lecture Notes on Information Theory, Vol. 5(1), pp.7-12, 2017. (Selected from 4th International Conference on Electrical and Electronics Engineering).

- **Genetic algorithm and fuzzy logic based flexible querying in databases**
  Şenol A., Karacan H., Akcayol M.A.
  Journal of Computers, Vol.13(6), pp.678-691, 2018.
  (Selected from 4th International Conference on Electrical and Electronics Engineering)

- **Priority queue based estimation of importance of Web pages for Web crawlers**
  Baker M.B., Akcayol M.A.
  International Journal of Computer and Electrical Engineering, Vol.9(1), pp.330-342, 2017. (Selected from 3rd International Conference on Computer and Information Technology)

- **Analyzing the route cache timeout parameter of DSR protocol in mobile ad hoc networks**
  Özyurt B., Doğru İ. A, Akcayol M. A.
  International Journal of Computer and Communication Engineering, Vol. 6 (1), pp. 40-48, 2017.

- **A survey of multicast routing protocols in ad-hoc networks**
  Baker M.R., Akcayol M.A.
  Gazi University Journal of Science, Vol.24(3), pp.451-462, 2011.

- **Implementation of real-time optimization of page layout of Internet newspaper using simulated annealing**
  Canbek G., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.21(2), pp.341-348, 2006.

- **Real-time optimization of Web page layout using genetic algorithm**
  Gözüdeli Y., Akcayol M.A.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.22(2), pp.431-439, 2007.

- **Artificial neural network based modeling of injection pressure in diesel engines**
  Akcayol M.A., Çinar C., Bülbül H.İ., Kılıçarslan A.
  WSEAS Transactions on Computers, Vol.5(3), pp.1538-1544, 2004.

- **Fuzzy PI controller for speed control of switched reluctance motor**
  Elmas C., Akcayol M.A., Yiğit T.
  Journal of the Faculty of Engineering and Architecture of Gazi University, Vol.22(1), pp.65-72, 2007.

INTERNATIONAL JOURNALS

- **A comprehensive review of image denoising with deep learning**
  Yapıcı A., Akcayol M.A.
  International Journal of Advances in Engineering and Pure Sciences, Vol.34(1), pp.65-69, 2022.

- **Development of connected vehicle technology in Turkey**
  Erceylan G., Akcayol M.A.
  European Journal of Science and Technology, Vol.37, pp.139-146, 2022. (Selected from ISAS2022)

- **Deep learning-based forecasting of cancellation, delay and orientation on flights**
  Ayaydın A., Akcayol M.A.
  Journal of Informatics Technologies, Vol.15(3), pp.239-249, 2022. (Selected from ICI-CS2021)

- **Effective seed URL selection and scope extension algorithm for web crawler**
  Alanoğlu Z., Akcayol M.A.
  International Journal of Advances in Engineering and Pure Sciences, Vol.35(1), pp.27-38, 2023.

- **A novel Web ranking algorithm based on pages multi-attribute**
  Baker M.R., Akcayol M.A.
  International Journal of Information Technology, DOI: 10.1007/s41870-021-00833-5, 2022.

- **A model for prediction of customer behavior: a case study for banking sector**
  Özdem K., Akcayol M.A.
  Niğde Ömer Halisdemir University Journal of Engineering Sciences, Vol.10(1), pp.1-8, 2021.

- **A comprehensive review on the use of deep learning approaches for video captioning applications**
  Alpay Ö., Akcayol M.A.
  Journal of Engineering Sciences and Design, Vol.8(5), pp.271-289, 2020.

- **A comprehensive study on stream data characterization, generation and analytics**
  Utku A., Akcayol M.A.
  Erzincan University Journal of Science and Technology, Vol.12(1), pp.379-410, 2019.

- **A comprehensive review on the use of big data in recommendation systems**
  Utku A., Akcayol M.A.
  International Journal of Advances in Engineering and Pure Sciences, Vol.30(4), pp.339-357, 2018.

- **Optimization of project scheduling activities in dynamic CPM and PERT networks using genetic algorithms**
  Calp M.H., Akcayol M.A.
  SDU Journal of Natural and Applied Sciences, Vol.22(2), pp.615-627, 2018.

- **A survey on sentiment analysis and opinion mining, methods and approaches**
  Özyurt B., Akcayol M.A.
  Selcuk University, Journal of Engineering Science and Technology, Vol.6(4), pp.668-693, 2018.

- **Develop a reserved reliable flow control algorithm in mobile ad hoc networks**
  Doğru İ.A., Erdem O.A., Akcayol M.A.
  Gazi Journal of Engineering Sciences, Vol.4(3), pp.144-156, 2018.

- **A new context-sensitive decision making system for mobile cloud offloading**
  Tanrıverdi M., Akcayol M.A.
  International Journal of Computer Science & Information Technology, Vol. 10(3), pp.71-90, 2018.

- **Improvement of realization quality of aerospace products using augmented reality technology**
  Bahar N., Akcayol M.A.
  International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering, Vol. 10(1), pp.75-78, 2016. (Selected from 18th International Conference on Virtual and Augmented Reality).

- **Context-aware decision making system for mobile cloud offloading**
  Tanrıverdi M., Akcayol M.A.
  International Journal of Computer Networks & Communications, Vol.7(6), pp.69-85, 2015.

- **A new packet scheduling algorithm for real-time multimedia streaming**
  Şimşek M., Doğan N., Akcayol M.A.
  Network Protocols and Algorithms, Vol.9(1&2), pp.28-47, 2017.

- **Internet based remote security system design and implementation**
  Erdem O.A., Akcayol M.A., Tuna H.
  e-Journal of New World Sciences Academy Natural and Applied Sciences, Vol.2, No.2, pp.78-86, 2007.

- **The importance of human-computer interaction in the development process of software projects**
  Calp M.H., Akcayol M.A.
  Global Journal of Information Technology, Vol.5, No.1, pp.48-54, 2015.

- **A comparative and comprehensive review for learning and adaptive recommendation systems**
  Utku A., Akcayol M.A.
  Erciyes University Journal of Institue of Science and Technology, Vol.33(3), pp.13-34, 2017.

- Utku A., Karacan H., Yildiz O., Akcayol M.A.
  Implementation of a new recommendation system based on decision tree using implicit relevance feedback
  Journal of Software, Vol.10(12), pp.1367-1374, 2015.

- **Risk analysis and success levels of the software project developed in technocity**
  Calp M.H., Akcayol M.A.
  Düzce University Journal of Science and Technolgy, Vol.3(1), pp.57-75, 2015.

- **Risk factors and risk management process encountered in software project**
  Calp M.H., Akcayol M.A.
  International Journal of Advances in Engineering and Pure Sciences, Vol.27(1), pp.1-13, 2015.

- **Secure routing protocols in wireless networks**
  Ünal M., Akcayol M.A.
  Journal of Informatics Technologies, Vol.1(3), pp.7-13, 2008.

- **A mobility management protocol on mobile ad-hoc networks**
  Doğru İ.A., Şimşek M., Akcayol M.A.
  Gazi University Journal of Polytechnic, Vol.11(4), pp.313-318, 2008.

- **Congestion control and solution methods in computer networks**
  Şimşek M., Akcayol M.A.
  Journal of Informatics Technologies, Vol.1(3), pp.51-56, 2008.

- **Application of GSM based smart home**
  İnal K., Akcayol M.A.
  Journal of Informatics Technologies, Vol.2(2), pp.37-43, 2009.

- **Prediction based handover algorithms in wireless networks**
  Ateş V., Akcayol M.A.
  Journal of Informatics Technologies, Vol.3(3), pp.27-36, 2010.

- **Performance analysis and solutions for wireless mesh networks**
  Kocaoğlu R., Akcayol M.A.
  Journal of Informatics Technologies, Vol.4(3), pp .1-12, 2011.

- **XML database query optimization using simulated annealing**
  Gözüdeli Y., Akcayol M.A.
  Journal of Informatics Technologies, Vo.1(1), pp.13-22, 2008.

- **A heuristic routing protocol and congestion control at wireless networks**
  Şimşek M., Akcayol M.A.
  Journal of Informatics Technologies, Vol.1(3), pp.51-56, 2008.

- **Benefits of data compression in computers**
  Erdem O.A., Akcayol M.A., Aydın E.
  Gazi University Journal of Science, Vol.8(1), pp.46-55, 1995.

- **Computer controlled trafo-redresor unit design and application**
  Akcayol M.A.
  Gazi University Journal of Science, Vol.16(3), pp.493-502, 2003.

- **NEFCLASS based estimator for inductance variation of SRM**
  Akcayol M.A.
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  Akcayol M.A.
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- **A software development for smart card applications for use in health system**
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- **Present condition analysis and suggestions for e-signature applications in the Turkey**
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INTERNATIONAL SYMPOSIUMS

- **SUST-DDD: A real-drive dataset for driver drowsiness detection**
  Yılmaz K.E., Akcayol M.A.
  IEEE 31st Conference of the Open Innovations Association FRUCT, Helsinki, Finland, April 27-29, 2022.

- **Development of connected vehicle technology in Turkey**
  Erceylan G., Akcayol M.A.
  International Symposium on Innovative Approaches in Smart Technologies, Ankara, Turkey, May 28-29, 2022.

- **Machine learning-based comparative study for heart disease prediction**
  Güllü M., Akcayol M.A., Barışçı N.
  International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Baku, Azerbaijan, May 20-22, 2022.

- **Thermal infrared colorization using deep learning**
  Çiftçi O., Akcayol M.A.
  International Conference on Electrical and Electronics Engineering, Antalya, Turkey, April 9-11, 2021.

- **Locality sensitive hashing based clustering for large scale documents**
  Özdem K., Akcayol M.A.
  International Conference on Mathematics and Artificial Intelligence, Chengdu, China, March 19-21, 2021.

- **Long short-term memory based query auto-completion**
  Qureshi A.R.A., Akcayol M.A.
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- **Bloom filter based graph database CRUD optimization for stream data**
  Hüseynli A., Akcayol M.A.
  IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems, Cracow, Poland, September 22-25, 2021.

- **A new deep learning-based prediction model for purchase time prediction**
  Utku A., Akcayol M.A.
  IEEE International Conference on Computer Science and Engineering, Ankara, Turkey, September 15-19, 2021.

- **A review of image denoising with deep learning**
  Yapıcı A., Akcayol M.A.
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- **Automated machine learning platform**
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- **Deep learning-based forecasting of cancellation, delay and orientation on flights**
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- **Anomaly detection in the stream data by using nearest neighbor regression and linear regression analysis**
  Acar O.C., Akcayol M.A.
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- **Deep learning based an application for anomaly detection at institutional network**
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  International Data Science and Engineering Symposium, Karabük, Turkey, May 2-3, 2019.

- **A novel model for risk estimation in software projects using artificial neural network**
  Calp M.H., Akcayol M.A.
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- **End-to-end hierarchical fuzzy inference solution**
  Mutlu B., Sezer E.A., Akcayol M.A.
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- **A fuzzy approach to determine the quality of automatic summaries**
  Mutlu B., Sezer E. A., Akcayol M.A.
  The 5th International Fuzzy Systems Symposium 2017 (FUZZYSS'17), Turkey, 14-15 October, 2017.

- **Automatic rule generation of fuzzy systems: a comparative assessment on software defect prediction**
  Mutlu B., Sezer E.A., Akcayol M.A.
  3rd International Conference on Computer Science and Engineering UBMK'18, 20-21 September, Sarajevo, Bosnia.

- **Smart home system using sequential pattern mining**
  Kaya G., Yetkin B.B., Akcayol M.A.
  International Conference on Technology, Engineering and Science IConTES 2018, 26-29 October, Antalya, Turkey.

- **Specification based automatic product categorization from unstructured data**
  Hüseynli A., Yıldız O., Akcayol M.A.
  Signal Processing and Communications Applications Conference, İzmir, Turkey, 02-05 May, 2018.

- **Decision tree based android malware detection system**
  Utku A., Doğru İ.A., Akcayol M.A.
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- **Permission based android malware detection with multilayer perceptron**
  Utku A., Doğru İ.A., Akcayol M.A.
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- **Deep learning approach for author verification problem on Twitter**
  Yılmaz M., Mutlu B., Utku A., Akcayol M.A.
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- **Assembly inspection in aircraft manufacturing using augmented reality technology**
  Güdekli N., Akcayol M.A.
  3rd International Conference on Computer and Information Technology (ICCIT2017), Turkey, 12-14 April, 2017.

- **Priority queue based estimation of importance of Web pages for Web crawlers**
  Baker M.B., Akcayol M.A.
  3rd International Conference on Computer and Information Technology (ICCIT2017), İzmir, 12-14 April, 2017.

- **Genetic algorithm and fuzzy logic based flexible querying in databases**
  Şenol A., Karacan H., Akcayol M.A.
  4th International Conference on Electrical and Electronics Engineering (ICEEE 2017), Ankara, 08-10 April, 2017.

- **A new recommender system based on multiple parameters and extended user behavior analysis**
  Utku A., Aydoğan E., Mutlu B., Akcayol M.A.
  9th International Conference on Information Management and Engineering (ICIME 2017), Barcelona,Spain, 09-11 October, 2017.

- **A comprehensive analysis of architectures and methods of real-time big data analytics**
  Ay S., Akcayol M.A.

4th International Conference on Electrical and Electronics Engineering (ICEEE 2017), Ankara, 08-10 April, 2017.

- **An efficient multi-threaded Web crawler using HashMaps**
  Kansu Y., Mutlu B., Utku A., Akcayol M.A.
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- **Crime analysis based on association rules using Apriori algorithm**
  Sevri M., Karacan H., Akcayol M.A.
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- **Improvement of realization quality of aerospace products using augmented reality technology**
  Bahar N., Akcayol M.A.
  18th International Conference on Virtual and Augmented Reality (ICVAR2016), Vol.10(1), pp.18-21, Singapore, 07-08 Januray, 2016.

- **A comprehensive survey for sentiment analysis tasks using machine learning techniques**
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- **Gene selection for breast cancer**
  Yıldız O., Tez M., Bilge H.S., Akcayol M.A., Güler İ.
  20th Signal Processing and Communications Applications Conference, pp.1-4, 2012.

- **A comprehensive analysis of e-learning studies in Turkey, problems and suggestions**
  Doğru İ.A., Simsek M., Akcayol M.A.
  IADIS International Conference e-Learning 2011, July 20-22, 2011, Rome, Italy.

- **Extraction of automatic search result records using content density algorithm based on node similarity**
  Gozudeli Y., Yildiz O., Karacan H., Baker M.R., Minnet A., Kalender M., Ozay O., Akcayol M.A.
  The International Conference on Data Mining, Internet Computing, and Big Data (BigData2014), Asia Pacific University of Technology and Innovation (APU), Kuala Lumpur, Malaysia, November 17-19, 2014.

- **Implementation of a new recommendation system based on decision tree using implicit relevance feedback**
  Utku A., Karacan H., Yildiz O., Akcayol M.A.
  7th International Conference on Software Technology and Engineering (ICSTE 2015), Hong Kong, September 19-20, 2015.

- **The importance of human-computer interaction in the development process of software projects**
  Calp M.H., Akcayol M.A.
  5th World Conference on Innovation and Computer Scıences (Insode2015), Queen Elizabeth Elite Suite Hotel Convention Center, Antalya, Turkey, May 14-16, 2015.

- **Design of an expert system supported portable cardiotocograph (CTG)**
  Simsek M., Doğru İ.A., Akcayol M.A.
  The IADIS WWW/Internet 2011 Conference, July 20-22, 2011, Rome, Italy.

- **A priority based protocol and load balancing for queue management on wireless networks**
  Toklu S., Simsek M., Yildiz O., Bay I., Simsek A., Akcayol M.A.
  The 2008 International Conference on Wireless Networks (ICWN'08), pp.341-344, July 14-17, 2008, Monte Carlo Resort, Las Vegas, Nevada, USA.

- **Genetic algorithm based method for water distribution location problem**
  Aksakal E., Akcayol M.A., Dağdeviren M.
  International Conference on Operations Research (OR2011), Zurich, Switzerland.

- **Rule-based mobility management routing for mobile ad hoc networks**
  Dogru I. A., Simsek M., Toklu S., Yildiz O., Akcayol M.A.
  The 2008 International Conference on Wireless Networks (ICWN'08), pp.175-179, July 14-17, 2008, Monte Carlo Resort, Las Vegas, Nevada, USA.

- **A comprehensive analysis of e-government studies in Turkey, problems and suggestions**
  Simsek M., Toklu S., Akcayol M.A., Soncul H., Ergun M.A.
  The IADIS WWW/Internet 2009 Conference, November 19-22, 2009, Rome, Italy.

- **Determination of the response of Ar + SF6 to crossed electric and magnetic fields using an artificial neural network**
  Akcayol M.A., Hızıroğlu, H.R., Dinçer, M.S.
  IEEE Conference on Electrical Insulation and Dielectric Phenomena-CEIDP, Vancouver BC, 14-17 October, Canada, 2007.

- **Adaptive cathodic protection for crude oil pipeline**
  Akcayol M.A., Taplamacıoğlu C.
  Electronics, Computers and Artificial Intelligence-ECAI-2007, University of Pitesti and IEEE Romania, 29th-30th June, Pitesti, Romania, 2007.

- **Artificial neural network based modeling of stirling engine**
  Çınar C., Akcayol M.A.
  ICCI2004-International Conference on Computational Intelligence, Near East University, Nicosia, North Cyprus, 27-29 May 2004.

- **SCADA based TRU design and application**
  Işık, H., Akcayol M.A.
  VIII. International Corrosion Symposium, p.343-352, Osmangazi University, Eskişehir, 2002.

- **Genetic PI controller for a permanent magnet synchronous motor drive**
  Elmas Ç., Akcayol M.A.
  International XII.Turkish Symposium on Artificial Intelligence and Neural Networks, Çanakkale 18 Mart University, Çanakkale, 02-04 July 2003.

- **Genetic algorithm based location optimization of emergency service units**
  Akcayol M.A., Şimşek, M., Bay, İ., Toklu, S., Doğru, I.A.
  4th FAE International Symposium, European University of Lefke, 30 November-01 December, 2006.

NATIONAL SYMPOSIUMS

- **A simulated annealing algorithm for multiple part type scheduling in two machine robotic cells**
  Batur G.D., Erol S., Akcayol M.A.
  11. National Symposium for Production Research, İstanbul, 23-24 June, pp.71-80, 2011.

- **A solution for warehouse location allocation problem of fast moving consumer goods with genetic algorithm**
  Yılmaz B., Dağdeviren M., Akcayol M.A.
  11. National Symposium for Production Research, İstanbul, 23-24 June, pp.485-494, 2011.

- **Logistic networks design and heuristic method for product recovery**
  Demirel N., Gökçen H., Akcayol M.A.
  31. National Operations Research and Industrial Engineering Congress, Sakarya, 05-07 Temmuz, 2011.

- **E-government studies in Turkey, problems and solutions**
  Akcayol M.A.
  Informatics Association of Turkey 21. National Informatics Symposium, pp.274-290, METU Conference Center, Ankara, Turkey, 04-06 October 2004.

- **E-library studies in Turkey, analysis and proposals**
  Akcayol M.A., Şimşek M., Bay İ.
  Academic Informatics 2005, Gaziantep University, Gaziantep, 02-04 February, 2005.

- **Present condition analysis and suggestions for e-signature applications in the Turkey**
  Erol, H., Akcayol M.A.
  1st National Electronic Signature Symposium, Gazi Üniversity, 7-8 December 2006, Ankara.

- **E-signature in institutional networks and a sample application for Gazi University**
  Erol, H., Akcayol M.A.
  1st National Electronic Signature Symposium, Gazi Üniversity, 7-8 December 2006, Ankara.

COURSES

UNDERGRADUATE
- Computer Architecture
- Computer Organization
- Perceptron and Its Applications
- Formal Languages and Automata
- Computer Networks
- Data Communications
- Engineering Project
- Analysis of Algorithms
- Data Structures
- File Organization
- Operating Systems
- Microprocessors
- Object Oriented Programming
- Computer Programming Using C / C++

GRADUATE
- Deep Learning
- Big Data Analytics
- Intelligent Optimization Techniques
- Web Mining
- Statistical Learning for Big Data
- Fuzzy Sets in Engineering Applications
- Mobile and Wireless Networks

GRADUATE STUDENTS

PhD STUDENTS
- Opinion Mining, Feature Exraction and Sentiment Analysis on Heterogeneous Data Source
  Barış Özyurt (2021)

- Recommender System Based Moment Prediction on Stream Data
  Anıl Utku (2020)

- Computer Modeling of Fluid Filtration in the Heterogeneous Medium With Elastic Creeping Properties (Co-Supervisor)
  Nurseit Zhunissov Mukhidinovich (2018)
  Mathematical and Computer Modeling, Akhmet Yassawi University

- Develop of Web Crawler and Ranking Algorithm
  Mohammed Rashed Baker (2017)

- Context-Aware Decision Making System For Mobile Cloud Offloading
  Mustafa Tanrıverdi (2017)

- Artificial Intelligence Based Risk Management for Software Projects
  Muhammed Hanefi Calp (2017)

- Determination of Prognosis in Breast Cancer Patients From DNA Microarray Analysis Using Genetic Algorithm (Co-Supervisor)
  Oktay Yıldız (2012)

- Development and Application of a Quality of Service Based Transport Layer Protocol and Queue Model for Packet-Switched Networks (Co-Supervisor)
  Mehmet Şimşek (2012)

- Reservation based Reliable Flow Control Algorithm for Mobile Ad-Hoc Networks (Co-Supervisor)
  İbrahim Alper Doğru (2012)

- Security Aware Intelligent Routing Protocol in Broadband Wireless Mobile Networks
  Muhammet Ünal (2010)

- Develop Data Fusion Algorithm for MultiSensor Systems (Co-Supervisor)
  Yusuf Sönmez (2008)

- Implementation of Speed Control of a Switched Motor Control with Genetic Adaptive Controller (Co-Supervisor)
  Tuncay Yiğit (2005)

MSc STUDENTS

- Forecasting the Spread of COVID-19 Using Deep Learning and Big Data Analytics Methods
  Cylas Kiganda (2023)

- V2X Güvenlik Sistemi İçin Güven Zincirine Dayalı Sertifika Yönetim Sistemi Geliştirilmesi
  Gizem Erceylan (2022)

- Driver Drowsiness Detection in Low Light
  Esra Kavalcı Yılmaz (2022)

- Thermal Infrared Colorization Using Deep Learning
  Oğuzhan Çiftçi (2021)

- Öneri Sistemlerinde Derin Öğrenme Tabanlı Otomatik Sorgu Tamamlama
  Abdur Rehman Anwar Qureshi (2021)

- Deep Learning Based Large-Scale Document Clustering with Content-Based Similarity
  Kevser Özdem (2021)

- Deep Learning Based Analysis and Prediction of Stream Flight Data in Aviation Industry
  Anıl Ayaydın (2020)

- Anomaly Detection for Stream Data
  Ozan Can Acar (2019)

- Anomaly Detection in Corporate Network Traffic
  Emrullah Erginay (2019)

- Developing Adaptive, Context-Aware, Learnable Control Unit for Smart Home System
  Gökhan Kaya (2019)

- Improvement of Realızatıon Quality of Aerospace Products Using Augmented Reality Technology
  Nuran Bahar (2017)

- User Behaviour Based Recommendation Engine
  Anıl Utku (2015)

- Vehicle to Vehicle Ad Hoc Network Application
  İbrahim Kök (2015)

- Mobile Mashup Application Based on Restful on Cloud Computing
  Mehmet Demircioğlu (2015)

- Developing an Adaptive Context Aware Mobile Application
  Muhammet İkbal Bilgili (2014)

- Develop a Transport Protocol for IPTV
  Alisettar Huseynli (2013)

- Cloud Computing Data Security
  Arzu Öz (2013)

- A Transport Layer Protocol for Multimedia Communication in Wireless Sensor Networks
  Derviş Aygör (2012)

- IPTV Ağlar için Multicast Routing Protocol
  Özlem Kılıç (2012)

- A Multicast Routing Protocol for Wireless Mesh Networks
  Ramazan Kocaoğlu (2012)

- Authentication Protocols in Ad-Hoc Network
  Rustam Babayev (2011)

- Semantic Web Based Library Information System
  Zehra Burcu Kazandır (2011)

- Application of CMMI Integration
  Songül Fevzioğlu (2011)

- Semantic Web Services Based Adaptive Mobil Application Using GPS
  Hanife Hilal Demirtaş (2010)

- Spam Filter Using Data Mining Methods
  Serdar Kürşat Sarıkoz (2010)

- IPTV and QoS with WiMAX
  Elshan Mahmoudian (2010)

- Data Mining For Intrusion Detection in Computer Networks
  Nurullah Celal Uslu (2009)

- Multicast Routing Protocol in Wireless Mesh Networks
  Mohammed Rashed Baker (2009)

- GPS Based Context-Aware Mobile Application Using Semantic Web Services
  Olgun Karademirci (2008)

- Congestion Control and Transport Layer Protocols for WAP Traffic
  Sinan Toklu (2007)

- Mobility Management Protocol for Ad-Hoc Networks
  İbrahim Alper Doğru (2007)

- Energy Efficient Routing Protocol for Ad-Hoc Networks
  İlker Bay (2007)

- GPRS and GPS Based Application of Mobile Wireless Wide Area Network
  Burcu Derelioğlu (2007)

- Genetic Algorithm Based Query Optimization for XML Database
  Yaşar Gözüdeli (2007)

- Real Time Optimization of Destination of Mobile Objects
  Hamit Tokgöz (2007)

- Using Mobile Wireless Technology Web Based SCADA System Application
  Ali Sucubaşı (2007)

- Routing Protocol and Congestion Control for Wireless Network
  Mehmet Şimşek (2006)

- Application of Digital Signature in Institutional Networks Based on Public Key Infrastructure
Hüseyin Erol (2006)
- Remote Monitoring of Butan-Propan Gas Tanks Used in Turkish Military Forces
Hüseyin Yiğit (2005)

ACTIVITIES

- Conference Technical Committee Member, 7th International Conference on Software Technology and Engineering (ICSTE 2015), 19-20 September 2015, Hong Kong.
- Conference Committee Member, 8th International Conference on Computer Science and Information Technology (ICCSIT 2015), 10-11 December 2015, Amsterdam, Netherlands.
- Program Chair, Euro-Asia Conference on Computational Intelligence and Communication Networks (EACCI 2014), 21-23 April 2014, Antalya, Turkey.
- Conference Program & Organizing Committee Member, The 2009 World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP'09), 13-16 July 2009, Las Vegas, Nevada, USA.
- Conference Scientific Committee Member, 5th International Advanced Technologies Symposium IATS'09, May 13-15, 2009, Karabük, Turkey.
- Program Committee Member, National Software Engineering Symposium (UYMS'05), METU Culture and Convention Center, September 2005.
- Scientific Committee Member, International Symposium on Innovations in Intelligent Systems and Applications (INISTA 2005), Istanbul, Turkey, June 2005.
- Program Committee Member, 2nd National Defense Applications Modeling and Simulation Conference (USMOS 2007), METU Culture and Convention Center, Ankara, 18-19 April 2007.
- Scientific Committee Member, 3rd National Software Engineering Symposium (UYMS'07), September 2007.
- Scientific Committee Member, Network and Information Security Symposium (ABG'08), Turkish Republic of Northern Cyprus, May 2008.
- Program and Scientific Committee Member, Distance Learning Symposium (UES'08), Ankara Hilton, 1-2 May 2008.
- Program Committee Member, 2nd National Software Engineering Symposium (USMOS'07), Culture and Convention Center, 18-19 April 2009.
- Program Committee Member, 3rd National Defense Applications Modeling and Simulation Conference (USMOS'09), Culture and Convention Center, 17-18 June 2009.
- Program Committee Member, 4th National Defense Applications Modeling and Simulation Conference(USMOS'11), Culture and Convention Center, 14-15 June 2011.

JOURNAL REFEREES

- IEEE Transactions on Industrial Electronics
- IEEE Transactions on Education
- IEEE Transactions on Software Engineering
- IEEE Transactions on Information Technology in Biomedicine
- IEEE Journal of Biomedical and Health Informatics
- The Journal of Supercomputing, Springer
- Metaheuristics, Springer
- Turkish Journal of Electrical Engineering & Computer Sciences, TÜBİTAK
- IET Software
- Engineering Applications of Artificial Intelligence, Elsevier Science
- Expert Systems with Applications, Elsevier Science
- Energy Conversion and Management, Elsevier Science

- Computers and Mathematics with Applications, Elsevier Science
- Mechatronics, Pergamon, Elsevier Science
- European Journal of Operational Research
- Engineering Structures, Elsevier Science
- Applied Soft Computing, Elsevier Science
- Environmental Engineering Science
- Chemical Engineering Communications, Taylor & Francis
- Dynamics of Continuous, Discrete and Impulsive Systems – Series B: Applications and Algorithms
- International Journal of Thermal Sciences, Elsevier Science
- Information Sciences, Elsevier Science
- International Journal of Computer Science & Applications
- Heat and Mass Transfer, Springer
- Journal of Energy Storage, Elsevier Science
- Computers and Electrical Engineering, Elsevier Science
- Multidiscipline Modeling in Materials and Structures, Emerald
- British Journal of Mathematics & Computer Science, SCIENCEDOMAIN international
- International Journal of Distributed Sensor Networks, Hindawi Publishing Corporation
- Journal of the Faculty of Engineering & Architecture of Gazi University
- Online Information Review, Emerald Publishing
- Journal of Polytechnic, Gazi University
- Journal of Science, Gazi University, Institute of Science and Technology
- International Journal of Informatics, Gazi University, Informatics Institute
- Journal of Science, Sakarya University, Institute of Science and Technology
- Journal of Arts and Sciences, Erciyes University
- Journal of Technology, Zonguldak Karaelmas University
- Journal of Arts and Sciences, Çankaya University
- Journal of Defence Sciences, Turkish Military Academy
- Journal of Science, İstanbul Commerce University
- Journal of Socio-Economics, Hacettepe University
- Journal of Institute of Social Sciences, Marmara University
- Journal of Engineering Sciences, Pamukkale University
- Journal of Science, Balıkesir University, Institute of Science and Technology
- Journal of Faculty of Engineering, Uludag University
- Journal of Science and Technology A- Applied Sciences and Engineering, Anadolu University
- Journal of Faculty of Economics and Administrative Sciences, Mehmet Akif Ersoy University