

Prof. Murat Kayri

Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065)

Fax Phone: [+90 432 444 5065](tel:+904324445065)

Email: muratkayri@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/muratkayri>

Biography

Computer and Control Technologies Education Professor, Van Yüzüncü Yıl University

He completed his undergraduate degree in Gazi University, Faculty of Industrial Arts Education, Department of Computer Education. He completed his master's degree in Van Yüzüncü Yıl University, Institute of Science, Department of Electrical and Electronics Engineering, and his doctorate in Van Yüzüncü Yıl University, Institute of Science, Biometry and Genetics. In 2012, he received the title of Associate Professor from the Inter-University Board in the field of Vocational and Technical Education Basic Field - Computer and Control Technologies Education. In 2017, he was appointed as a professor at the Computer Engineering Department of the Engineering Faculty of Batman University. He worked at Van Yüzüncü Yıl University between 1997-2011, Muş Alparslan University between 2011-2016 and Batman University between 2016-2019. Between 2011 and 2012, he taught part-time at Beykent University. In Different Universities; He took roles in many administrative positions such as Dean's Office, Directorate, Head of Department and General Secretary. He has been the Vice Rector of Van Yüzüncü Yıl University since July 2019. Multidisciplinary subjects that blend educational data with artificial intelligence algorithms were studied. Two book chapters were published on different approaches to the Measurement and Evaluation process in education. As of 2020, more than 100 scientific studies have been completed, including 18 SSCI and SCI-Expanded indexed publications on Educational Data Mining. Over 10 graduate students were graduated and in 2013, lecturers were taught as guest lecturers at Georgia State University with a YÖK scholarship.

He is editor and editorial board member of many scientific journals including SSCI indexed journals. Between 2014 and 2017, he was a principal member of the Informatics Information Commission to evaluate SANTEZ projects within the Ministry of Science, Industry and Trade.

Education Information

Post Doctorate, Georgia State University, Educational Faculty, Computer And Instructional Technology, United States Of America 2013 - 2013

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Biyometri Ve Genetik , Turkey 2003 - 2006

Post Graduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Elek.-Eln.-Müh., Turkey 1999 - 2002

Under Graduate, Gazi University, Endüstriyel San., Bilgisayar Bölümü, Turkey 1990 - 1994

Certificates, Courses and Trainings

IT, Cisco Networking Academy Program (CNAP) - CCNA Level, TÜBİTAK, 2002

Research Areas

Social Sciences and Humanities, Education, Computer Education and Instructional Technology, Computer Sciences, Computer Networks, Communications and Network Protocols, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, 2019 - Continues

Professor, Batman University, Mühendislik - Mimarlık Fakültesi, Bilgisayar Müh. Bölümü, 2017 - 2019

Associate Professor, Mus Alparslan University, Mühendislik - Mimarlık Fakültesi, Bilgisayar Müh. Bölümü, 2012 - 2016

Assistant Professor, Van Yüzüncü Yil University, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, 2007 - 2012

Lecturer, Van Yüzüncü Yil University, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, 1997 - 2007

Professional Experience

Coordinator of The Rectorate, Van Yüzüncü Yil University, Rektörlük - Eğitim-Öğretim Koordinatörü, 2019 - Continues

Member of the Senate, Van Yüzüncü Yil University, 2019 - Continues

Vice Rector, Van Yüzüncü Yil University, 2019 - Continues

Chair of the Commission, Van Yüzüncü Yil University, Rektörlük- Lisansüstü Eğitim-Öğretim Yönetmeliği, 2019 - 2020

Board Member, Batman University, 2017 - 2019

Dean, Batman University, Teknoloji Fakültesi, 2017 - 2018

Director of Vocational School, Mus Alparslan University, 2014 - 2016

Secretary General, Mus Alparslan University, 2013 - 2015

Director of The Institution, Mus Alparslan University, Fen Bilimleri Enstitüsü, 2013 - 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Investigating the effect of certain socio-demographic factors on university students' level of reflective thinking by using regression tree**
Kayri M., Ceyhan G.
Anthropologist, vol.24, pp.694-701, 2016 (Journal Indexed in SCI Expanded)
- **Comparison of students with high academic achievement from different socio-economic backgrounds in Turkey**
Çokluk Ö., Gül E., Kayri M.
Anthropologist, vol.24, pp.486-496, 2016 (Journal Indexed in SCI Expanded)
- **An Intelligent Approach to Educational Data: Performance Comparison of the Multilayer Perceptron and the Radial Basis Function Artificial Neural Networks**
Kayri M.
EDUCATIONAL SCIENCES-THEORY & PRACTICE, vol.15, pp.1247-1255, 2015 (Journal Indexed in SSCI)
- **The Validity and Reliability Work of the Scale That Determines the Level of the Trauma after the Earthquake**
Tanhan F., Kayri M.
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.13, pp.1021-1025, 2013 (Journal Indexed in SSCI)
- **An Examination of the Factors Affecting Prospective Teachers' Perceptions of Faculty Members Using Chaid Analysis**
Tanhan F., Kayri M.
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.12, pp.816-821, 2012 (Journal Indexed in SSCI)
- **The Effects of Methods of Imputation for Missing Values on the Validity and Reliability of Scales**
Cokluk O., Kayri M.
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.11, pp.303-309, 2011 (Journal Indexed in SSCI)
- **An Analysis of Some Variables Affecting the Internet Dependency Level of Turkish Adolescents by Using Decision Tree Methods**
Kayri M., Gunuc S.
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.10, pp.2487-2500, 2010 (Journal Indexed in SSCI)
- **THE PROFILE OF INTERNET DEPENDENCY IN TURKEY AND DEVELOPMENT OF INTERNET**

ADDICTION SCALE STUDY OF VALIDITY & RELIABILITY

Gunuc S., Kayri M.

HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, pp.220-232, 2010 (Journal Indexed in SSCI)

- **The Analysis of Internet Addiction Scale Using Multivariate Adaptive Regression Splines**
Kayri M.
IRANIAN JOURNAL OF PUBLIC HEALTH, vol.39, pp.51-63, 2010 (Journal Indexed in SCI)
- **The Examining of Generalization Quantitative Scientific Findings by Using the Jackknife Method: An Application**
Kayri M., Buyukozturk S.
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.9, pp.1769-1779, 2009 (Journal Indexed in SSCI)
- **Relations Among Anxiety, Depression, and Dissociative Symptoms: The Influence of Abuse Subtype**
Boysan M., GOLDSMITH R. E. , Çavuş H., Kayri M., Keskin S.
JOURNAL OF TRAUMA & DISSOCIATION, vol.10, pp.83-101, 2009 (Journal Indexed in SSCI)
- **Associations between the levels of depression and the sense of limitedness: a psychometric analysis**
Boysan M., BESIROGLU L., KARA H., Kayri M., Keskin S.
ANADOLU PSIKIYATRI DERGISI-ANATOLIAN JOURNAL OF PSYCHIATRY, vol.9, pp.191-196, 2008 (Journal Indexed in SCI)
- **Assesment of relation between cognitive vulnerability and depression's level by using classification and regression tree analysis**
Kayri M., Boysan M.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, pp.168-177, 2008 (Journal Indexed in SSCI)
- **SCRUTINIZATION OF RISK ANALYSIS RELATED TO SUCCESS OF THE PRIVATE SKILL EXAM BY USING MIXTURE LOGISTIC REGRESSION MODEL**
Kayri M., Okut H.
HACETTEPE UNIVERSITESI EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, pp.227-239, 2008 (Journal Indexed in SSCI)
- **Two-step clustering analysis in researches: A case study**
Kayri M.
EGITIM ARASTIRMALARI-EURASIAN JOURNAL OF EDUCATIONAL RESEARCH, vol.7, pp.89-99, 2007 (Journal Indexed in SSCI)

Articles Published in Other Journals

- **Kısıtlı optimizasyon problemlerinin çözümü için atom arama optimizasyon algoritması**
Kayri M.
Dicle Üniversitesi Mühendislik Fakültesi, vol.10, pp.841-851, 2019 (National Refreed University Journal)
- **Kısıtlı optimizasyon problemlerinin çözümü için atom arama optimizasyon algoritması (Atom search optimization algorithm for solving constrained optimization problems)**
Eker E., Kayri M., Ekinci S.
Dicle Üniversitesi Mühendislik Fakültesi, vol.10, pp.841-851, 2019 (National Refreed University Journal)
- **Predicting Factors Affecting PISA 2015 Mathematics Literacy via Radial Based Artificial Neural Network**
Kayri M., Bezek Ö., Erdoğan F.
Journal of Engineering and Technology, vol.3, pp.1-11, 2019 (International Refreed University Journal)
- **Predicting Factors Affecting PISA 2015 Mathematics Literacy via Radial Basis Function Artificial Neural Network**
Kayri M.
journal of engineering and technology, vol.3, pp.1-11, 2019 (National Refreed University Journal)
- **Examining Factors of Academic Procrastination Tendency of University Students by using Artificial Neural Network**
Kayri M., COKLUK O.
International Journal of Computer Trends and Technology, vol.34, pp.1-8, 2016 (Refreed Journals of Other

Institutions)

- **Faktör Sayısının Belirlenmesinde MAP Testi Paralel Analiz K1 ve Yamaç Birikinti Grafiği Yöntemlerinin Karşılaştırılması**
Koçak D., Çokluk Bökeoğlu Ö., Kayri M.
Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi, vol.3, pp.330-359, 2016 (National Refreed University Journal)
- **Views about the Use of Open Ended Items in Large Scale Assessment in Turkey A Phenomenological Approach.**
Gül E., Doğan Ç., Çokluk Bökeoğlu Ö., Kayri M.
JOURNAL OF EDUCATIONAL RESEARCH, vol.6, pp.117-133, 2016 (Refereed Journals of Other Institutions)
- **Predictive Abilities of Bayesian Regularization and Levenberg Marquardt Algorithms in Artificial Neural Networks A Comparative Empirical Study on Social Data**
Kayri M.
Journal of Mathematical and Computational Applications, vol.21, pp.1-8, 2016 (Refereed Journals of Other Institutions)
- **Comparing Internet Addiction in Students with High and Low Socioeconomic Status Levels**
Kayri M., Gunuc S.
ADDICTA-THE TURKISH JOURNAL ON ADDICTIONS, vol.3, pp.177-183, 2016 (Journal Indexed in ESCI)
- **The Comparison of Gini and Twoing Algorithms in Terms of Predictive Ability and Misclassification Cost in Data Mining An Empirical Study**
Kayri M., Kayri İ.
Journal of Computer Trends and Techonology, vol.27, pp.21-30, 2015 (Refereed Journals of Other Institutions)
- **Using multinomial logistic regression analysis in artificial Neural network an application**
Kayri M., Çokluk Bökeoğlu Ö.
Journal of Applied Science, vol.3, pp.1-12, 2014 (Refereed Journals of Other Institutions)
- **The Investigation of Secondary School Students Attitudes towards Science and Technology Using CHAID Analysis**
Kayri M., Elkonca F., Şevgin H., Ceyhan G.
Journal of Educational Sciences Research, vol.4, pp.301-316, 2014 (Refereed Journals of Other Institutions)
- **Sınıf Öğretmenlerinin Portfolyo Kullanımına İlişkin Görüşleri**
Kayri M., Sünbül D.
Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi, vol.10, pp.31-48, 2013 (National Refreed University Journal)
- **Devlet Okullarında Kadrolu ve Kadrosuz Olarak Çalışan Öğretmenlerin Depresyon Düzeylerinin İncelenmesi**
Tanhan F., Kayri M., Tanrıverdi S.
Sakarya University Journal Of Science, vol.2, pp.35-49, 2012 (National Refreed University Journal)
- **International Journal of Advances in Engineering & Technology**
KAYRI İ., GENCOGLU M. T. , Kayri M.
International Journal of Advances in Engineering & Technology, no.1, pp.51-61, 2012 (Refereed Journals of Other Institutions)
- **Estimation of factors affecting Internet dependence level of adolescent individuals in Turkey with censored regression method**
Çoban A., Kayri M., Çokluk Bökeoğlu Ö.
Education Science and Technology, vol.5, pp.831-842, 2012 (Refereed Journals of Other Institutions)
- **The Computer Assisted Education and its Effects on the Academic Success of Students in the Lighting Technique and Indoor Installation Project Course**
Kayri İ., GENCOGLU M. T. , Kayri M.
International Journal of Advances in Engineering & Technology, vol.2, pp.51-61, 2012 (Refereed Journals of Other Institutions)
- **) . Determination of the Rankings of the Teams Competed in the 2009 2010 BEKO Basketball League with Principal Components Analysis**
Zırhioğlu G., Kayri M., Atlı M.
International Journal of Sports Science and Engineering, vol.5, pp.181-187, 2011 (Refereed Journals of Other Institutions)

- **Analyzing factor structure of the scales by hierarchical clustering analysis: An alternative approach**
Çokluk Ö., Büyüköztürk Ş., Kayri M.
Journal of Applied Sciences Research, vol.6, pp.6397-6403, 2010 (Refereed Journals of Other Institutions)
- **Data optimization with multilayer perceptron neural network and using new pattern in decision tree comparatively**
Kayri M., Çokluk O.
Journal of Computer Science, vol.6, pp.606-612, 2010 (Refereed Journals of Other Institutions)
- **Enerji Nakil Hatlarının Benzetimine Yönelik İnternet Destekli İnteraktif Tabanlı Uzaktan Eğitim Uygulaması**
Kayri İ., GENCOGLU M. T. , Kayri M.
Kaynak Elektrik, vol.259, pp.103-109, 2010 (National Refreed University Journal)
- **A Proposed OSI Based Network Troubles Identification Model**
Kayri M., Kayri İ.
International Journal of Next-Generation Networks, vol.2, pp.12-18, 2010 (Refereed Journals of Other Institutions)
- **An Applied Study on Educational Use of Facebook as a Web 2 0 Tool The Sample Lesson of Computer Networks and Communication**
Kayri M., Çakır Balta Ö.
International journal of computer science & information Technology, vol.2, pp.48-58, 2010 (Refereed Journals of Other Institutions)
- **The Multiple Comparison Post Hoc Techniques to Determine the Difference Between Groups in Researches.**
Kayri M.
Fırat Üniversitesi Sosyal Bilimler Dergisi, vol.19, pp.51-64, 2009 (National Refreed University Journal)
- **Kernel Smoothing Function and Choosing Bandwidth for Non Parametric Regression Methods**
Kayri M., Zırhloğlu G.
Journal of Applied Science, vol.2, pp.49-54, 2009 (Refereed Journals of Other Institutions)
- **İnternet Bağımlılık Ölçeğinin Türkçeye Uyarlanması Geçerlik ve Güvenirlik Çalışması**
Kayri M., GÜNÜÇ S.
Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, vol.42, pp.157-175, 2009 (National Refreed University Journal)
- **Synchronization of risk analysis related to success of the private skill exam by using mixture logistic regression model**
Kayri M., Okut H.
HACETTEPE ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.35, pp.227-235, 2008 (National Refreed University Journal)
- **Elektronik Portfolyo Değerlendirmeleri İçin Veri Madenciliği Yaklaşımı**
Kayri M.
Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi, vol.5, pp.98-110, 2008 (National Refreed University Journal)
- **Using chaid analysis in researches and an application pertaining to coping strategies**
Kayri M., Boysan M.
Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, vol.40, pp.135-151, 2007 (National Refreed University Journal)
- **M Plusta Latent Class Analizlerin Uygulamasına İlişkin Bir Örnek Çalışma**
Kayri M.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, pp.1-9, 2007 (National Refreed University Journal)
- **Karşılımlı model analiz tekniğinin eğitim bilimleri araştırmalarında uygulanabilirliği üzerine bir araştırma örneği**
Kayri M., Gökdaş İ.
Kuram ve Uygulamada Eğitim Bilimleri, vol.6, pp.753-778, 2006 (National Refreed University Journal)
- **Beden Eğitimi Sınavındaki Adayların Başarılarını Etkileyen Değişkenlerin İncelenmesinde Karşılımlı Model Mixture Models Tekniği nin Kullanımı**
Kayri M., Gökdaş İ.
Spor Bilimleri Dergisi: Hacettepe Üniversitesi, vol.16, pp.185-200, 2006 (National Refreed University Journal)
- **E Öğrenme ve Türkiye açısından sorunlar çözüm önerileri**

Kayri M., Gökdaş İ.

Yüzüncü Yıl Üniversitesi Eğitim Fakültesi Dergisi, vol.3, pp.1-11, 2005 (National Refreed University Journal)

Book & Book Chapters

- **YAPAY ZEKÂ TEMELLİ EĞİTSEL VERİ MADENCİLİĞİ**

Kayri M.

in: TÜRKİYE EĞİTİM VİZYONU ÜZERİNE DEĞERLENDİRMELER, Fuat Tanhan, Editor, Pegem Akademi Yayın Evi, Ankara, pp.138-151, 2019

- **Lisansüstü Eğitimde Ölçme ve Değerlendirme**

Kayri M., Aslan C., Taşkın N.

in: Lisansüstü Eğitim Üzerine Düşünceler, Fuat Tanhan, Editor, Pegem Akademi Yayın Evi, Ankara, pp.102-112, 2019

Refereed Congress / Symposium Publications in Proceedings

- **Recognition of Daily and Sports Activities**

Inanc N., Kayri M., Ertugrul O. F.

IEEE International Conference on Big Data (Big Data), Washington, United States Of America, 10 - 13 December 2018, pp.2216-2220

- **The Performance Comparison of Multiple Linear Regression, Random Forest and Artificial Neural Network by using Photovoltaic and Atmospheric Data**

Kayri M., Kayri I., Gencoglu M. T.

14th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 1 - 02 June 2017, pp.1-4

Citations

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