

Assoc. Prof. LEVENT DURDU

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5589-2018

ScopusID: 57074190200

Yoksis Researcher ID: 25880

Education Information

Doctorate, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, Turkey 2003 - 2010

Postgraduate, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, Turkey 2000 - 2003

Undergraduate, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, Turkey 1995 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, How a computer education teacher utilizes an online learning environment, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, 2010

Postgraduate, Web-based learning tool: Desing and development of an online basic English material for young children at elementary level, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, 2003

Research Areas

Social Sciences and Humanities, Education, Computer Education and Instructional Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Eğitim Fakültesi, Bilgisayar ve Öğretim Teknolojisi Eğitimi, 2021 - Continues

Assistant Professor, Kocaeli University, Eğitim Fakültesi, Bilgisayar ve Öğretim Teknolojisi Eğitimi, 2018 - Continues

Assistant Professor, Kocaeli University, Eğitim Fakültesi, Bilgisayar ve Öğretim Teknolojisi Eğitimi, 2011 - 2018

Research Assistant, Middle East Technical University, Faculty Of Education, Department Of Computer Education And Instructional Technology, 2000 - 2007

Academic and Administrative Experience

Kocaeli Üniversitesi, Eğitim Fakültesi, 2015 - 2018

Kocaeli Üniversitesi, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri Eğitimi Bölümü, 2011 - 2015

Courses

Open and Distance Learning, Postgraduate, 2023 - 2024

Uzmanlık Alan Dersi, Postgraduate, 2023 - 2024

Seminer I, Postgraduate, 2023 - 2024

Information Technologies, Undergraduate, 2023 - 2024

Open and Distance Learning, Undergraduate, 2023 - 2024

Bilgisayar 1 (Güz Dönemi) (53 öğrenci) (Sınıf Öğrt.) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Veritabanı ve Yönetim Sistemleri (Bahar Dönemi) (28 Öğrenci) (Böte) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

İşletim Sistemleri Ve Uygulamaları (Güz Dönemi) (31 Öğrenci) (BÖTE) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Mobil Programlama (Bahar Dönemi) (16 Öğrenci) (Böte) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Bilgisayar Donanımı (Güz Dönemi) (57 Öğrenci) (BÖTE) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Bilgisayar Ağları ve İletişim (Bahar Dönemi) (62 Öğrenci) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Proje Geliştirme ve Yönetimi II (Bahar Dönemi) (14 Öğrenci) (BÖTE) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Mesleki Uygulamalar (Bahar Dönemi) (36 Öğrenci) (BÖTE) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Proje Geliştirme ve Yönetimi I (Güz Dönemi) (15 Öğrenci) (BÖTE) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Fikri Haklar (Güz Dönemi) (81 Öğrenci) (Kocaeli Üniversitesi), Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of an unplugged coding course on primary school students' improvement in their computational thinking skills**

Dağ F., Şumuer E., Durdu L.

Journal of Computer Assisted Learning, vol.39, no.6, pp.1902-1918, 2023 (SSCI)

- II. **To-friend or not-to-friend with teachers on SNSs: University students' perspectives**

TURAN Z., DURDU L., GÖKTAŞ Y.

COMUNICAR, vol.28, no.63, pp.87-96, 2020 (SSCI)

Articles Published in Other Journals

- I. **Views of parents with preschool children on computational thinking and educational robotic**

Durdu L., Dağ F., Konaklı T.

Journal of Computer Education , vol.2, no.2, pp.18-28, 2023 (Peer-Reviewed Journal)

- II. **Teacher Views on Programming Teaching**

Dağ F., Durdu L.

Adıyaman Üniversitesi Eğitim Bilimleri Dergisi, vol.10, no.2, pp.70-86, 2020 (Peer-Reviewed Journal)

- III. **Systematic Analysis of International Computer and Instructional Technologies Symposium: 2013-2018 Period**

- Durdu L., Dağ F.
SDU International Journal of Educational Studies, vol.7, no.2, pp.188-211, 2020 (Peer-Reviewed Journal)
- IV. **Systematic analysis of theses on Education Information Network (EBA)**
Gezer M., Durdu L.
Başkent University Journal of Education, vol.7, no.2, pp.393-408, 2020 (Peer-Reviewed Journal)
- V. **Utilizing an online learning environment: Main strategies and enablers**
Durdu L., Özden M. Y.
Abant İzzet Baysal Üniversitesi Eğitim Fakültesi Dergisi, vol.19, no.3, pp.936-955, 2019 (Peer-Reviewed Journal)
- VI. **Pre-service teachers' perceptions and experiences: Courses based on the active learning model and environment**
Dağ F., Şumuer E., Durdu L.
Journal of Learning Spaces, vol.8, no.2, pp.41-56, 2019 (Peer-Reviewed Journal)
- VII. **Pre-Service Teachers' TPACK Development and Conceptions through a TPACK-Based Course**
Durdu L., Dağ F.
AUSTRALIAN JOURNAL OF TEACHER EDUCATION, vol.42, pp.150-171, 2017 (ESCI)
- VIII. **Pre-Service Teachers' Experiences and Views on Project-Based Learning Processes**
Dağ F., Durdu L.
International Education Studies, vol.10, no.7, pp.18-39, 2017 (Peer-Reviewed Journal)
- IX. **CAI Software for 8th Grade Natural Processes Unit and Its Effect on Academic Success**
Kırıkkaya E., Dağ F., Durdu L., Gerdan S.
ELEMENTARY EDUCATION ONLINE, vol.15, pp.234-250, 2016 (Peer-Reviewed Journal)
- X. **Opinions of prospective teachers about project-based learning process**
Dağ F., Durdu L.
EDUCATION SCIENCES, vol.7, no.1, pp.200-211, 2012 (ESCI)
- XI. **Design development and implementation of a web based support material for English as second language**
DURDU L., ÖZDEN M. Y., DELİALİOĞLU Ö.
Öğretim Teknolojileri ve Öğretmen Eğitimi Dergisi, vol.1, pp.84-110, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Basic concepts of computational thinking**
Konaklı T., Dağ F., Durdu L., Çelebi Öncü E., Demirtaş D., Anda E.
in: Higher Education Course Curriculum for a Distance Learning Model Reinforced with Robotics for 3 to 7 Years Old Children, Tuğba Konaklı, Maria Figueiredo, Valter Alves, Fiorella Operto, Luca Gilardi, Editor, Escola Superior de Educação de Viseu, Instituto Politécnico de Viseu, Lisbon, pp.9-18, 2023
- II. **Computer education**
Özden M. Y., Korkmaz Ö., Durdu L., Mutlu N.
in: 2033 Turkey Education Policies Strategy Document, Devrim Akgündüz, Editor, İstanbul Aydın Üniversitesi Yayınları, İstanbul, pp.454-481, 2023
- III. **Basic concepts of computational thinking**
KONAKLI T., DAĞ F., DURDU L., ÇELEBİ ÖNCÜ E., DEMİRTAŞ D., ANDA E.
in: Distance learning model reinforced with robotics for 3-7 years old children: Lesson plans from the higher education course curriculum, Tuğba Konaklı, Maria Figueiredo, Valter Alves, Fiorella Operto, Luca Gilardi, Editor, Escola Superior de Educação de Viseu, Instituto Politécnico de Viseu, Viseu, pp.1-61, 2023
- IV. **Technology integration in education with examples**
Durdu L.
in: Instructional technologies, Aslıhan Kocaman Karoğlu, Editor, Nobel Yayın Dağıtım, Ankara, pp.101-130, 2022
- V. **Digital Games for Peace Education**
DURDU L.

in: Empowering Multiculturalism and Peacebuilding in Schools, Soner Polat, Gizem Günçavdı, Editor, IGI Global, Hershey, pp.238-269, 2020

VI. Digital learning environments

Durdu L., İslim Ö. F., Dağhan G.

in: Digital technology-mediated teaching of thinking, MUKADDES ERDEM, FIRAT SARSAR, Editor, Pegem A Yayıncılık, Ankara, pp.549-571, 2020

VII. Problems and solutions in open and distance learning

Durdu L.

in: Open and distance learning, Erkan Tekinarslan, Melih Derya Gürer, Editor, Pegem A Yayıncılık, Ankara, pp.225-266, 2019

VIII. Historical change of instructional technologies

Turan Z., Yılmaz R. M., Durdu L., Göktaş Y.

in: Foundations of instructional technologies: Theories, research, trends, Kürşat ÇAĞILTAY, Yüksel GÖKTAŞ, Editor, Pegem A Yayıncılık, Ankara, pp.25-40, 2016

IX. Data collection tools

Durdu L.

in: Qualitative research methods for production-based studies in education, M. Yaşar ÖZDEN, Levent DURDU, Editor, Anı Yayıncılık, Ankara, pp.93-124, 2016

X. Online learning environments

Durdu L., Onay Durdu P.

in: Foundations of instructional technologies: Theories, research, trends, ÇAĞILTAY Kürşat, GÖKTAŞ Yüksel, Editor, Pegem A Yayıncılık, Ankara, pp.535-552, 2013

Refereed Congress / Symposium Publications in Proceedings

I. Teachers' views on programming teaching

Dağ F., Durdu L.

13th International Computer and Instructional Technologies Symposium, Kırşehir, Turkey, 2 - 04 May 2019, pp.41-42

II. TPACK-based course development process

Durdu L., Dağ F.

12th International Computer and Instructional Technologies Symposium, İzmir, Turkey, 2 - 04 May 2018, pp.231-232

III. Key factors affecting instructor-student interaction in social networks from the perspective of university students

Turan Z., Durdu L., Göktaş Y.

5th International Instructional Technologies Teacher Education Symposium, İzmir, Turkey, 11 - 13 October 2017, vol.5, pp.406

IV. International Symposium on Computer Education and Instructional Technology: 2012-2016 Analysis

Durdu L., Dağ F.

11th International Computer and Instructional Technologies Symposium, Malatya, Turkey, 24 - 26 May 2017, vol.11, pp.154-155

V. Investigating American education reforms after Sputnik

Kazaz H., Durdu L., Göktaş Y.

11th International Computer and Instructional Technologies Symposium, Malatya, Turkey, 24 - 26 May 2017, vol.11, pp.760-761

VI. Digital learning in the 21st century from the perspective of prospective teachers

Durdu L.

10th International Computer and Instructional Technologies Symposium, Rize, Turkey, 16 - 18 May 2016, pp.236

VII. Evaluation of the lessons taught according to the active learning model in the active learning

environment

Dağ F., Şumuer E., Durdu L.

3rd International Instructional Technologies Teacher Education Symposium, Trabzon, Turkey, 9 - 11 September 2015, pp.233

- VIII. **FATİH Project from past to today: A point of online newspapers' view**
Şumuer E., Durdu L.
8th International Computer and Instructional Technologies Symposium, Edirne, Turkey, 18 - 20 September 2014
- IX. **A qualitative perspective on TPACK development of pre-service mathematics teachers**
Durdu L., Dağ F.
8th International Computer and Instructional Technologies Symposium, Edirne, Turkey, 18 - 20 September 2014
- X. **Evaluation of Educational Authoring Tools for Teachers stressing of Perceived Usability Features**
DAĞ F., DURDU L., GERDAN S.
5th World Conference on Educational Sciences (WCES), Rome, Italy, 5 - 08 February 2013, vol.116, pp.888-901
- XI. **Yazarlık araçlarının kullanılabilirlik test süreci Bir durum çalışması Usability testing process of authoring languages A case study**
DURDU L., DAĞ F.
7th International Computer and Instructional Technologies Symposium, Erzurum, Turkey, 6 - 08 June 2013, pp.100-104
- XII. **Bilgisayar ve öğretim teknolojileri eğitimi Dünü bugünü ve geleceği**
DURDU L.
6th International Computer and Instructional Technologies Symposium, Gaziantep, Turkey, 4 - 06 October 2012, vol.1, pp.1
- XIII. **Öğretmen adaylarının proje tabanlı öğrenme sürecine yönelik görüşleri**
DAĞ F., DURDU L.
5th International Computer and Instructional Technologies Symposium, Elazığ, Turkey, 22 - 24 September 2011, vol.1, pp.772-777
- XIV. **Evaluation of an Online Courseware Development Process by the DONC2 Deveelopment Framework: EPPICC Case**
ONAY DURDU P., DURDU L.
InternationalDistance Education Conference IDEC-2010, Gazi Magosa, Cyprus (Kktc), 2 - 29 October 2010, pp.948-953
- XV. **Evaluation of an online courseware development process by the DONC2 development framework: Eppicc Case**
ONAY DURDU P., DURDU L.
International Distance Education Conference 2010, Turkey, 27 - 29 October 2010, pp.948-953
- XVI. **E-öğrenme ve Öğrenme Yönetim Sistemi Olarak Moodle**
TUNA B., ONAY DURDU P., DURDU L.
3. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 29 - 30 April 2010
- XVII. **An online basic English support material for children**
DURDU L., ÖZDEN M. Y.
12th International CALL Research Conference Proceeding, Antwerp, Belgium, 20 - 22 August 2006, vol.1, pp.73-82
- XVIII. **How does time spent on CALL software affect students perceptions**
DURDU L., ÖZDEN M. Y.
12th International CALL Research Conference Proceeding, Antwerp, Belgium, 20 - 22 August 2006, vol.1, pp.64-72
- XIX. **Bilgisayar destekli eğitimde öğretmen ve öğrenciler için ortak bir bilgisayar okuryazarlık düzeyi önerisi**
DURDU L., ERSOY H., GÜNDOĞAN M. B.
Bilişim Teknolojileri Işığında Eğitim, Ankara, Turkey, 21 - 23 May 2003, vol.1, pp.1-10

Supported Projects

DAĞ F., DURDU L., ŞUMUER E., Project Supported by Higher Education Institutions, İLKOKUL DÜZEYİNDE PROGRAMLAMA ÖĞRETİMİNİN ÖĞRENCİLERİN 21. YÜZYIL BECERİLERİNE (İŞBİRLİĞİ VE İLETİŞİM, ELEŞTİREL DÜŞÜNME VE PROBLEM ÇÖZME, YARATICILIK VE YENİLENME) VE BİLGİ İŞLEMSEL DÜŞÜNME BECERİLERİNE ETKİLERİ, 2019 - 2020

DAĞ F., DURDU L., Project Supported by Higher Education Institutions, Öğretmen Adaylarının Eğitiminde Teknoloji ile Zenginleştirilmiş Öğrenci Merkezli Öğrenme Ortamları: Etkilerinin ve Yaşanmış Tecrübelerin İncelenmesi, 2014 - 2015

DURDU L., Project Supported by Higher Education Institutions, Öğretmenler için Uzaktan Çevrimiçi Destek Sistemi Altyapısının Kurulması ve Çevrimiçi Seminer ve Hizmet-İçi Eğitimlerin Etkililiğinin Araştırılması, 2013 - 2014

DAĞ F., DURDU L., Project Supported by Higher Education Institutions, İLKÖĞRETİM 8.SINIF DOĞAL SÜREÇLER ÜNİTESİ İÇİN WEB TABANLI ÖĞRENME MATERYALİ ve DEĞERLENDİRME ÖLÇEĞİ GELİŞTİRME, 2012 - 2013

Metrics

Publication: 42

Citation (WoS): 26

Citation (Scopus): 27

H-Index (WoS): 2

H-Index (Scopus): 1