

Asst. Prof. ERCAN DEDE

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Clemson University, College Of Education, Curriculum And Instruction-Secondary Mathematics Education, United States Of America 2011 - 2017

Masters (Non-Thesis), Karadeniz Technical University, Fatih Eğitim Fakültesi, Ortaöğretim Matematik Öğretmenliği, Turkey 2004 - 2009

Undergraduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Ortaöğretim Matematik Öğretmenliği, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, TURKISH PRE-SERVICE SECONDARY MATHEMATICS TEACHERS: AN EXAMINATION OF TPACK, AFFECT, AND THEIR RELATIONSHIP, Clemson University, College Of Education, Curriculum And Instruction-Secondary Mathematics Education, 2017

Research Areas

Social Sciences and Humanities, Education, Elementary School Education, Teacher Training For Elementary Sch. Edu. in Mathematics, Teacher Training in Science and Math. at Second. Sch. Lev.

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2022 - Continues

Research Assistant PhD, Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2017 - 2022

Courses

Olasılık ve İstatistik Öğretimi, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021
Material Design in Mathematics Education, Undergraduate, 2023 - 2024, 2022 - 2023
Öğretmenlik Uygulaması 1, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Probability, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Statistics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Basic Statistics, Postgraduate, 2023 - 2024, 2022 - 2023
Öğretmenlik Uygulaması, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Lineer Cebir , Undergraduate, 2021 - 2022, 2020 - 2021
Lineer Cebir 2, Undergraduate, 2020 - 2021
Okul Deneyimi, Undergraduate, 2020 - 2021
İstatistik ve Olasılık II, Undergraduate, 2019 - 2020, 2018 - 2019
Öğretim Teknolojileri ve Materyal Tasarımı, Undergraduate, 2018 - 2019, 2017 - 2018
İstatistik ve Olasılık I, Undergraduate, 2019 - 2020, 2018 - 2019
OKUL DENEYİMİ, Undergraduate, 2019 - 2020, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prospective elementary mathematics teachers' noticing of childrens' mathematics: a focus on extending moves**
Tyminski A. M., Simpson A. J., Land T. J., Drake C., Dede E.
JOURNAL OF MATHEMATICS TEACHER EDUCATION, pp.533-561, 2021 (SSCI)

Articles Published in Other Journals

- I. **Bibliometric Analysis of Scientific Studies Conducting on Noticing Skill in Mathematics Education**
Dede E., Özdemir E.
BAYBURT EĞİTİM FAKÜLTESİ DERGİSİ, vol.17, no.36, pp.1547-1571, 2022 (Peer-Reviewed Journal)
- II. **Mapping and performance evaluation of mathematics education research in Turkey: A bibliometric analysis from 2005 to 2021**
Dede E., Özdemir E.
Journal of Pedagogical Research, vol.6, no.4, pp.1-19, 2022 (Scopus)
- III. **Investigation of the ways prospective mathematics teachers respond to students' errors: An example of the equal sign.**
Özdemir E., Dede E.
International Online Journal of Education and Teaching (IOJET), vol.9, no.2, pp.723-739, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Merkezi Eğilim Ölçüleri ve Öğretimi**
DEDE E.
in: Teoriden Pratiğe Olasılık ve İstatistik Öğretimi, Güven, Bülent; Özmen, Zeynep Medine; Gürbüz, Ramazan; Akkan, Yaşar, Editor, VİZETEK, pp.87-120, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Matematik Eğitiminde Çoklu Temsil Kullanımına Yönelik Yapılan Çalışmaların Bibliyometrik Analizi**
Dede E., İpek A. S., Özdemir E.

5. Uluslararası Sosyal Bilimler Kongresi, Bayburt, Turkey, 19 - 21 October 2023, pp.1

II. Bibliometric Analysis of Scientific Studies on 'Noticing Skill' in Mathematics Education

Dede E., Özdemir E.

1st International Symposium on Current Developments in Fundamental and Applied Mathematics Sciences ,
Erzurum, Turkey, 23 - 25 May 2022, pp.1

III. Prospective mathematics teachers' extrapolative reasoning about misleading bar graphs

Okumuş S., Dede E.

Congress of the European Society for Research in Mathematics Education (CERME 11), Utrecht, Netherlands, 6 - 10
February 2019, pp.4581-45888

IV. Prospective mathematics teachers' extrapolative reasoning about misleading bar graphs

OKUMUŞ S., DEDE E.

Organizasyonu Congress of the European Society for Research in Mathematics Education (CERME 11), Utrecht,
Netherlands, 6 - 10 February 2019, pp.1-8

V. PROSPECTIVE ELEMENTARY TEACHERS' PROFESSIONAL NOTICING OF CHILDRENS' FRACTION STRATEGIES

TYMINSKI A. M., SIMPSON A. M., DEDE E., LAND T. J., DRAKE C.

37. Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics
Education, 5 - 08 November 2015

Scientific Refereeing

Turkish Journal of Mathematics Education, Other Indexed Journal, February 2024

Journal of Pedagogical Research, Other Indexed Journal, December 2023

ERZİNCAN ÜNİVERSİTESİ ERZİNCAN EĞİTİM FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, August 2022

Journal of Pedagogical Research, Other Indexed Journal, July 2022

International Online Journal of Education and Teaching, Other Indexed Journal, March 2022

TÜRK BİLGİSAYAR VE MATEMATİK EĞİTİMİ DERGİSİ, National Scientific Refreed Journal, May 2020

Türk Bilgisayar ve Matematik Eğitimi Dergisi, National Scientific Refreed Journal, April 2020

Tasks In Event Organizations

Dede E., II. International Teacher Education and Accreditation Congress, Scientific Congress, Rize, Turkey, Ekim 2018

Metrics

Publication: 11

Scholarships

MEB, Yurt Dışı Doktora Bursu (1416), Ministry of Education, 2010 - 2017