

## **Asst. Prof. ERCAN DEDE**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0001-6483-7019

Yoksis Researcher ID: 273557

### **Education**

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 Positions**

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**

## Postgraduate

Basic Statistics, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

## Undergraduate

Material Design in Mathematics Education, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Olasılık ve İstatistik Öğretimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Öğretmenlik Uygulaması 1, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Probability, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Statistics, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

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

## Supervised Theses

Dede E., Ortaokul Matematik Ders Kitaplarındaki Diyagram İçeren Problemlerin Analizi, Postgraduate, M.TUĞÇE(Student), 2024

## Journal articles indexed in 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., ÖZDEMİR 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

- I. **High School Mathematics Textbook (10th Grade)**

Dede E. (Editor)

**II. 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

**Papers Presented at Peer-Reviewed Scientific Conferences**

- I. **Investigation of Prospective Middle School Mathematics Teachers' Noticing Skills Toward Square Root Expressions**  
Dede L., Dede E.  
II. Uluslararası Dede Korkut Eğitim Araştırmaları Kongresi, Bayburt, Turkey, 3 - 05 October 2024, pp.319-320, (Summary Text)
- II. **İlköğretim Matematik Öğretmenliğinde Öğrenim Gören Öğrencilerin Olasılık ve Olasılık Öğretimine Yönelik Algılarının İncelenmesi**  
Çakır N., Yeşilbudak K., Dede E.  
16. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Edirne, Turkey, 4 - 07 September 2024, pp.526-527, (Summary Text)
- III. **Matematik Eğitiminde Çoklu Temsil Kullanımına Yönelik Yapılan Çalışmaların Bibliyometrik Analizi**  
DEDE E., İPEK A. S., ÖZDEMİR E.  
5. Uluslararası Sosyal Bilimler Kongresi, 19 - 21 October 2023, (Summary Text)
- IV. **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, (Summary Text)
- V. **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, (Summary Text)
- VI. **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.4581-4588, (Full Text)
- VII. **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, (Full Text)
- VIII. **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, (Summary Text)

**Student Project**

Other, Tübitak 2209A-İlköğretim Matematik Öğretmenliğinde Öğrenim Gören Öğrencilerin Olasılık Ve Olasılık Öğretimine Yönelik Algılarının İncelenmesi, Recep Tayyip Erdogan University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey, 2022 - 2024

## Peer Reviews in Scientific Publications

Social Sciences:Theory and Practice, National Scientific Refreed Journal, June 2024

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

## Roles in Event Organizations

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

## Metrics

Publication: 15

Citation (Scopus): 12

H-Index (Scopus): 1

## Scholarships

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