

Taner ARSAN
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Short Biography

Taner Arsan (Ph.D.) has been working at Kadir Has University, Faculty of Engineering and Natural Sciences, Computer Engineering Department, since March 2000. He received his B.Sc. degree from Istanbul Technical University (ITU) Electronics and Telecommunication Engineering Department in 1990, M.Sc. and Ph.D. degree from ITU Control ve Computer Engineering Department in 1994 and 1999 respectively. He is currently Advisor to the Rector of Kadir Has University and Associate Dean of Faculty of Engineering and Natural Sciences.

The research areas of Taner Arsan are indoor positioning and behaviour mapping in learning environments and innovative teaching and learning practices in Higher Education.

He was the **Principal Investigator** of the Research Projects:

- “Behavior Mapping with High Accuracy Indoor Positioning using Ultra Wide Band (UWB) Sensors” between 15.04.17 and 15.04.18 with seed grant of € 12,000, Kadir Has University Personal Research Project.
- “Indoor Geo-Location” between July 1, 2014 and May 1, 2015, with the grant of \$46.684, Vodafone Telecommunication AS.
- “Self Learning (2G/3G/LTE/Wi-Fi)” between June 1, 2014 and April 1, 2015 with the grant of \$34.457, Vodafone Telecommunication AS.
- “Establishment and Execution of Entrepreneurship Certificate Program at Kadir Has University, Project No: 4150007, 1601, TUBITAK - The Scientific and Technological Research Council of Turkey, between 01.09.2015 and 31.05.2018 with the grant of \$43.479.

He worked as **Researcher** at several projects such as “Steelcase Active Learning Center” with the grant of € 24,792, “Polyvision and Kadir Has University Research Partnership on Use of Duo Walls” with the grant of € 23,175.

He worked as **Technical Advisor** at several projects such as Fablab Istanbul, Istanbul Development Agency between 08.15.2013 and 05.15.2014 with the grant of \$199.466. Urban Engineering Laboratory, November 2013 + 3 years, Supported by: IBM Shared University Research, Budget: 280,000 USD.

Published Books and Book Chapters:

- Taner Arsan, Rifat Çölkesen, Digital Design in Computer and Electronics Engineering (in Turkish), Papatya Yayıncılık, ISBN: 978-975-6797-07-5, March 2001 (1.Edition) - November 2007 (2. Edition), Istanbul.
- Taner Arsan and Orcun Kepez (in English, Book Chapter, Chapter 14) “Steelcase Active Learning Centre as a Test Bed for Engineering Design Projects.” In Innovative Teaching

and Learning Practices in Higher Education, edited by Kayoko Enomoto, Richard Warner, and Claus Nygaard. Oxfordshire, UK: Libri Publishing Ltd., 2018.

- Introduction to Computer Engineering, Algorithms and Flowcharts (in Turkish, Book Chapter, Chapter 3), October 2007, Papatya Yayıncılık, ISBN: 978-975-6797-77-8, İstanbul.

Taner Arsan has 5 peer reviewed journal articles (SCI-Expanded Index), 10 peer reviewed journal articles (Other Index), 23 peer reviewed full papers in conference proceedings, 1 peer reviewed presentations, 1 peer reviewed exhibitions, 5 technical reports. He was the advisor of 8 chaired graduate thesis.

Taner Arsan **Lectured Courses**

CE515 Data Science and Analytics, Graduate, 3+0+0 hours/week,

EE205 Digital Design, Undergraduate, Compulsory, 3+0+0 hours/week,

CE352 Network Engineering – I, Undergraduate, Compulsory, 3+0+2 hours/week,

CE453 Network Engineering – II, Undergraduate, Elective, 3+0+2 hours/week,

CE415 Cloud Infrastructure and Services, Undergraduate, Elective, 3+0+0 hours/week,

CE416 Information Storage and Management, Undergraduate, Elective, 3+0+0 hours/week,

CE244 Computer Organization and Architecture, Undergraduate, Compulsory, 3+0+0 hours/week),

CE354 Embedded System Design, Undergraduate, Compulsory, 3+0+0 hours/week,

CE414 Mobile Application Development, Undergraduate, Elective, 3+0+0 hours/week,

EE352 Systems Control, Undergraduate, Compulsory, 3+0+0 hours/week,

EE502 Linear Systems, Graduate, 3+0+0 hours/week.