

MUSTAFA KÜÇÜKTÜVEK

Asst. Prof. Dr.



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Education

PhD 2011 9/July/2015	GAZI UNIVERSITY GRADUATE SCHOOL OF NATURAL & APPLIED SCIENCES / INDUSTRIAL TECHNOLOGY EDUCATION (DR) Thesis name: Investigation of production facilities of composite panels from solid wastes of Alkaloid factory (2015) Supervisor: (HAKAN KESKİN)
M.D. 2000 6/February/2002	GAZI UNIVERSITY GRADUATE SCHOOL OF NATURAL & APPLIED SCIENCES / INDUSTRIAL TECHNOLOGY EDUCATION (MA) (WITH THESIS) Thesis name: Determination of technological properties of laminated window profile (2002) Supervisor: (Ahmet ŞENEL)
B.D. 1994 6/July/1998	GAZI UNIVERSITY FACULTY OF INDUSTRIAL ARTS EDUCATION / DEPARTMENT OF INDUSTRIAL TECHNOLOGY EDUCATION / INDUSTRIAL TECHNOLOGY TEACHING PR.

Work Experience

Asst. Prof. Dr.
2017

ANTALYA BİLİM UNIVERSITY / FACULTY OF FINE ARTS AND ARCHITECTURE /
DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN)

Tasks in Projects:

1. **Electricity Attracts Life**, European Union Project, Executive: KÜÇÜKTÜVEK MUSTAFA, , 01/09/2008 - 31/08/2010 (International)
Increasing the Qualification and Standards of European Vocational Education through the Skill Competitions, European Union Project, Expert:KÜÇÜKTÜVEK MUSTAFA, , 01/09/2009 - 31/08/2010 (International)
2. New Approches to Strengthened Cooperation Facilities For VET Institutionsand Labour Market – NecVET, European Union Project, Expert:KÜÇÜKTÜVEK MUSTAFA, , 01/11/2014 - 01/11/2016 (International)
3. Sharing Cultural Enrichment through the Arts, European Union Project, Executive:KÜÇÜKTÜVEK MUSTAFA, , 01/09/2006 - 31/08/2008 (International)
4. Co-Working Project, European Union Project, Executive:KÜÇÜKTÜVEK MUSTAFA, , 01/09/2011 - 31/08/2013 (International)
5. Development of Teaching Skills of the Teachers Who Train Visually Impaired Students, European Union Project, Executive:KÜÇÜKTÜVEK MUSTAFA, , 01/07/2015 - 31/12/2016 (International)
- 6.

7. Open the Door for Your Future through the Language Learning, European Union Project, Executive:KÜÇÜKTÜVEK MUSTAFA, , 01/09/2012 - 31/08/2014 (International)
8. Employability for disabled people without barriers, European Union Project, Executive:KÜÇÜKTÜVEK MUSTAFA, , 01/09/2013 - 31/08/2015 (International)

Administrative Tasks

Senator
2018
ANTALYA BİLİM UNIVERSITY / RECTORATE

Vice-dean
2018
ANTALYA BİLİM UNIVERSITY / FACULTY OF FINE ARTS AND ARCHITECTURE

Courses

	Education language	Hours
2019-2020		
Undergraduate		
Furniture Design	İngilizce	3
Material and Construction Technologies in Interior Space II	İngilizce	4
Industrial Product Design	İngilizce	3
Urban Accessory Design	İngilizce	3
2018-2019		
Undergraduate		
Technical Drawing I	İngilizce	4
Kitchen and Bathroom Design	İngilizce	3
Entrepreneurship and Marketing	İngilizce	1
Material and Construction Technologies in Interior Space II	İngilizce	4
Material and Construction Techniques for Furniture Design	İngilizce	4
Technical Drawing II	İngilizce	4
Furniture Design	İngilizce	3
Material and Construction Technologies in Interior Space I	İngilizce	4
2017-2018		
Undergraduate		
Construction Materials Technologies I	İngilizce	3
Introduction to Materials and Construction	İngilizce	4
Graphic Communication I	İngilizce	4
Design Studio I	İngilizce	8
Construction Materials Technologies II	İngilizce	3
Graphic Communication II	İngilizce	4

Patents

1. **Composite Sheet Produced from Poppy Capsule** (2017), Patent No: TR 2014 16166 B Patent Applicants: Mustafa KÜÇÜKTÜVEK, Patent Inventors: Asst. Prof. Dr. Mustafa KÜÇÜKTÜVEK, Prof. Dr. Hakan Keskin

Publications

A. Articles published in international refereed journals:

1. GÜNDÜZ AHMET, BAYSAL ERGÜN, TÜRKÖĞLU TÜRKAY, ALTAY ÇAĞLAR, KÜÇÜKTÜVEK MUSTAFA, TOKER HİLMİ, PEKER HÜSEYİN (2019). Accelerated weathering performance of Scots pine pre-impregnated with copper based chemicals before varnish coating. COLORATION TECHNOLOGY, Doi: 10.1111/cote.12435 (Yayın No: 5252127)
2. KART ŞABAN, BAYSAL ERGÜN, KÜÇÜKTÜVEK MUSTAFA, TÜRKÖĞLU TÜRKAY, TOKER HİLMİ, ALTAY ÇAĞLAR, CİBO CİHAN, PEKER HÜSEYİN (2019). SOME SURFACE CHARACTERISTICS OF VARNISHED THERMOWOOD AFTER WEATHERING. Wood Research, 64(1), 35-48. (Yayın No: 4879570)
3. Kart Şaban, BAYSAL ERGÜN, TÜRKÖĞLU TÜRKAY, KÜÇÜKTÜVEK MUSTAFA, PEKER HÜSEYİN, ALTAY ÇAĞLAR, GÜNDÜZ AHMET, TOKER HİLMİ (2018). THE EFFECT OF NATURAL WEATHERING ON CHANGE IN THE COLOR OF HEAT TREATED AND VARNISHED SCOTS PINE AND ORIENTAL BEECH WOODS. WOOD RESEARCH, 63(5), 771-782. (Yayın No: 4941152)
4. KÜÇÜKTÜVEK MUSTAFA, BAYSAL ERGÜN, TÜRKÖĞLU TÜRKAY, PEKER HÜSEYİN, GÜNDÜZ AHMET, TOKER HİLMİ (2017). SURFACE CHARACTERISTICS OF SCOTS PINE WOOD HEATED AT HIGH TEMPERATURES AFTER WEATHERING. WOOD RESEARCH, 62(6), 905-918. (Yayın No: 3734581)
5. TÜRKÖĞLU TÜRKAY, KABASAKAL YAHYA, BAYSAL ERGÜN, GÜNDÜZ AHMET, KÜÇÜKTÜVEK MUSTAFA, BAYRAKTAR DURSUN KEMAL, TOKER HİLMİ, PEKER HÜSEYİN (2017). SURFACE CHARACTERISTICS OF HEATED AND VARNISHED ORIENTAL BEECH AFTER ACCELERATED WEATHERING. WOOD RESEARCH, 62(6), 961-972. (Yayın No: 3734581)
6. BAYSAL ERGÜN, TÜRKÖĞLU TÜRKAY, GAVCAR ERDOĞAN, TOKER HİLMİ, GÜNDÜZ AHMET, KÜÇÜKTÜVEK MUSTAFA, PEKER HÜSEYİN, BAYRAKTAR DURSUN KEMAL (2017). WEATHERING PROPERTIES OF SCOTS PINE TREATED WITH SOME CHEMICALS. WOOD RESEARCH, 62(5), 737-750. (Yayın No: 3638098)
7. ALTINOK MUSTAFA, KÜÇÜKTÜVEK MUSTAFA, BİRCAN MEVLÜT CİHAN, KESKİN HAKAN (2017). EFFECTS OF CUTTING DIRECTIONS ON THE BONDING STRENGTH IN SOME WOOD TYPES. Construction and Building Materials, 134, 1-6., Doi: 10.1016/j.conbuildmat.2016.12.104 (Yayın No: 3652486)
8. KÜÇÜKTÜVEK MUSTAFA, KASAL ALİ, KUSKUN TOLGA, ERDİL YUSUF ZİYA (2017). UTILIZING POPPY HUSK-BASED PARTICLEBOARDS AS AN ALTERNATIVE MATERIAL IN CASE FURNITURE CONSTRUCTION. BioResources, 12(1), 839-852. (Yayın No: 3652492)
9. KESKİN HAKAN, KÜÇÜKTÜVEK MUSTAFA, GÜRÜ METİN (2015). THE POTENTIAL OF POPPY (PAPAVER SOMNIFERUM LINNAEUS) HUSK FOR MANUFACTURING WOOD-BASED PARTICLEBOARDS. Construction and Building Materials, 95, 224-231., Doi: 10.1016/j.conbuildmat.2015.07.160 (Yayın No: 3652496)
10. AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜÇÜKTÜVEK MUSTAFA (2014). GRAIN GROWTH AND SINTERABILITY IN ER2O3-DOPED CUBIC ZIRCONIA (C-ZRO2). International Journal of Materials Research, 105(2), 208-214., Doi: 10.3139/146.110999 (Yayın No: 3652501)
11. AKTAŞ BÜLENT, TEKELİ SÜLEYMAN, KÜÇÜKTÜVEK MUSTAFA (2014). ELECTRICAL CONDUCTIVITY OF ER2O3-DOPED C-ZRO2 CERAMICS. Journal of Materials Engineering and Performance, 23(1), 349-355., Doi: 10.1007/s11665-013-0750-5 (Yayın No: 3652503)
12. TEKELİ SÜLEYMAN, AKTAŞ BÜLENT, KÜÇÜKTÜVEK MUSTAFA (2012). MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF ER2O3-ZRO2 CERAMICS WITH DIFFERENT ER2O3 CONTENTS. High Temperature Materials and Processes, 31(6), 701-706., Doi: 10.1515/htmp-2011-0145 (Yayın No: 3652499)

B. Papers presented at international scientific meetings and published in proceedings:

1. KÜÇÜKTÜVEK MUSTAFA, ÖRMECİOĞLU HİLAL TUĞBA (2019). The Aesthetic Sense of Translucent Materials in Building. International Design and Engineering Symposium Sustainability, Innovation, Production (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5335563)
2. KÜÇÜKTÜVEK MUSTAFA, KESKİN HAKAN (2019). The Effect of Impregnation with I-Aqua Solution on Physical and Mechanical Properties of Limba Wood Materials. The XXIX th International Conference, Research For Furniture Industry (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5265585)
3. KÜÇÜKTÜVEK MUSTAFA, KESKİN HAKAN (2019). The Compression Strength Properties of Laminated Veneer Lumber (LVL) Treated with Imersol-Aqua Solution. The XXIX th International Conference, Research For Furniture Industry (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5265596)
4. KÜÇÜKTÜVEK MUSTAFA, ÖRMECİOĞLU HİLAL TUĞBA (2019). A study on functionality of material analysis reports used in restoration of historical buildings. International The 1st Innovation, Sustainability, Technology and Education in Civil Engineering Conference, 192-197. (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5203637)

5. KÜÇÜKTÜVEK MUSTAFA,KESKİN HAKAN (2019). Impacts of Vertical and Parallel Annual Ring Arrangements to Glue Line on Some Mechanical Properties of Laminated Wood Material. 2nd International Congress on Engineering and Architecture (ENAR) (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5142642)
6. KÜÇÜKTÜVEK MUSTAFA,KESKİN HAKAN (2019). Some Technological Properties of Laminated Uludag Fir (Abies nordmanniana subsp. bornmüllerana Mattf.) Wood Material. 2nd International Congress on Engineering and Architecture (ENAR) (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5142640)
7. KÜÇÜKTÜVEK MUSTAFA,KESKİN HAKAN (2019). The Impacts of Noise in the Woodworking Industry on Human Health. 2nd International Congress on Engineering and Architecture (ENAR) (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:5142643)
8. KÜÇÜKTÜVEK MUSTAFA,ŞEKERCİ YAREN (2018). DENİZ SUYU İKLİMLENDİRME SİSTEMİ KULLANIM POTANSİYELİNİN İNCELEMESİ. IV INTERNATIONAL ACADEMIC RESEARCH CONGRESS (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:4904225)
9. KÜÇÜKTÜVEK MUSTAFA (2016). THE EFFECT OF ADHESIVE RATIO, HARDENER RATIO AND PRESS TEMPERATURE ON SOME TECHNOLOGICAL PROPERTIES OF WOOD BASED COMPOSITE PANELS. Eighth Scientific and Technical Conference Innovations in Forest Industry and Engineering Design (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3652928)
10. TOKER HİLMİ,KÜÇÜKTÜVEK MUSTAFA,SANCAR EMRAH,TÜRKOĞLU TÜRKAY,BAYSAL ERGÜN (2016). SOME BIOLOGICAL PROPERTIES OF HEAT-TREATED SCOTS PINE WOOD. International Furniture Conference (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3652513)
11. KÜÇÜKTÜVEK MUSTAFA,KESKİN HAKAN,AŞÇI TANER (2015). EVALUATION OF SOME TECHNOLOGIC PROPERTIES OF POPPY HUSK (PAPAVER SOMNIFERUM LINNAEUS) AND BLACK PINE WOOD (PINUS NIGRA VAR. PALLASIANA) BASED PARTICLEBOARDS. XXVIIth International Conference Research for Furniture Industry (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3652509)
12. AŞÇI TANER,KESKİN HAKAN,KÜÇÜKTÜVEK MUSTAFA (2015). IMPACTS OF ROSIN (C19H29COOH) TO RETENTION PERFORMANCE OF BORON COMPOUNDS BORAX (NA2B4O710H2O) AND BORIC ACID (H3BO3). 27th International Conference Research for Furniture Industry (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3652508)
13. TEKELİ SÜLEYMAN,AKTAŞ BÜLENT,KÜÇÜKTÜVEK MUSTAFA (2011). EFFECT OF ERBIUM OXIDE (Er2O3) AMOUNT ON PHASE STABILITY, SINTERING AND MICROSTRUCTURAL EVOLUTION OF CUBIC ZIRCONIA (c-ZrO2)/ERBIUM OXIDE (Er2O3) NANO COMPOSITES. 3rd International Conference on Ultrafine Grained and Nanostructured Materials Center of Excellence For High Performance Materials School of Metallurgy and Materials Engineering (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3652511)

C. National / international books or chapters in books:

C2. Chapters in national / international books:

1. Workshop: From Micro Scale to Level, Department Name: (BIOBASED SUSTAINABLE BUILDING MATERIALS) (2019)., KÜÇÜKTÜVEK MUSTAFA, Coventry University, Editor: Kerem Yavuz Arslanlı, Shuli Liu, Ashish Shukla, Ulaş Akın , Begüm Serty Yeşilşik, Anil Kashyap, Edition: 1, ISBN: 978-1-84600-081-2, English (The Scientific Book), (Publication No: 4954759)
2. Engineering and Architecture Studies 2018, Department Name: (INVESTIGATION OF THE POTENTIAL OF SEA WATER AIR CONDITIONING SYSTEM) (2018). Dr. Nizamettin Çiftçi, Professor Dr. Yusuf Yanar, Number of editions: 1, ISBN: 978-605-196-227-6, Turkish (Scientific Book), (Publication No: 4922154)

F. Art and design activities:

1. Uluslararası, WORKSHOP /, 04.12.2017-08.12.2017, Recent Advances in Energy Conservation Techniques for Buildings Workshop: From Micro Scale to Urban Level , (No: 152075)

Editorship

1. American Journal of Construction and Building Materials (Endekste taranmıyor), Dergi, Science Publishing Group

Designs

1. Waves, Mustafa Küçüktüvek, After walking or jogging on the beach people wants to relax and enjoy the panorama. There is a need for a new bench design that is compatible with the beauty of the environment that will reflect our dreams on the seaside. The bench form is reminiscent of waves. Thanks to light-emitting concrete, the light appearing on the bench after sunset is reminiscent of the stars at night times. Light-emitting concrete traps solar energy during the daytime and converts it

into light in the night. This means this concrete emits the light at night time without using electricity. This bench is made from durable, recyclable and strong material to resist humid condition because of the sea and last longer. The design is heavy as well as strong. Suitable for use by two people. Keywords: Seaside bench, street furniture, outdoor furniture, technology and design, light-emitting concrete, sustainable design., After walking or jogging on the beach people wants to relax and enjoy the panorama. There is a need for a new bench design that is compatible with the beauty of the environment that will reflect our dreams on the seaside. The bench form is reminiscent of waves. Thanks to light-emitting concrete, the light appearing on the bench after sunset is reminiscent of the stars at night times. Light-emitting concrete traps solar energy during the daytime and converts it into light in the night. This means this concrete emits the light at night time without using electricity. This bench is made from durable, recyclable and strong material to resist humid condition because of the sea and last longer. The design is heavy as well as strong. Suitable for use by two people. Keywords: Seaside bench, street furniture, outdoor furniture, technology and design, light-emitting concrete, sustainable design., 01.10.2018 -28.02.2019

Certificates

1. Design Festival, "The Nature's Architects"
The first architects and engineers in nature are birds and other creatures. Birds not only build their nests of nature's most common materials, but also design safe, robust and ergonomic spaces using natural and healthy building materials. These structures are works of art by highly skilled architects and engineers. It is very difficult to believe that these nests are shaped by birds' beaks instead of hands. Each of these fantastic bird nests tells us a design story.

In the workshop I organized within the scope of the Design Festival, the participants were asked to make designs suitable for the characteristics of a bird species with the natural materials used by the birds. In this way, the works that require thinking about sustainable building materials and design principles were built by the participants., Antalya, Certificate, 26.04.2018 -27.04.2018 (National)

Courses

2. Sustainable Structures and Traditional Turkish Architecture for Young Farmers, Sustainable Structures and Traditional Turkish Architecture for Young Farmers Fransız in French Guiana on the South American Continent within the scope of Erasmus project 2017-1-FR01-KA103-035598. In addition, researches have been made on Ağaç Use of Tropical Wood Species in Wood Constructions and Natural Ventilation Systems in Buildings, French Gayana, Course, 14.05.2018 -20.05.2018 (International)

Researchs

3. Decision-makers from 11 European countries participated in this study. I attended on behalf of Turkey sustainability study, environmental analysis, by experts on the use of shared facilities were good examples of the local environment., Aberdeen, Scotland, United Kingdom, Research, 08.06.2009 -13.06.2009 (International)

Seminars

4. A liaison seminar with 51 representatives from 28 European countries. Seminars and workshops on the role of art, music, and literature in informal learning in adult education were conducted. Within the scope of the seminar, the institutions providing adult education were visited and the designs of the educational venues were examined., Udine, Seminar, 20.10.2005 -24.10.2005 (International)

Speecs

5. New Building Materials, "Translucent concrete, light-emitting concrete, moss panels, transparent wood, smart glass, synthetic spider silk, transparent aluminum, hydroseramic, liquid tiles, airgel, and self-cleaning materials eğitim training was given to professionals and university students. , My Speeches, 28.04.2018 -28.04.2018 (International)