

# CV



## 1. GENERAL INFORMATION

Date of Arrangement	July 28th 2022				
Title, Name-Surname	Dr. Ali OZER			Date of Birth: Dec, 11 <sup>th</sup> 1978	
Mailing Address: 212 Hessel Boulevard, 61820, Champaign, IL.					
Mobile Phone:	+1 765 7469651	Work Phone		E-mail	<a href="mailto:alifull@gmail.com">alifull@gmail.com</a>

## 2. EDUCATION

Education Period	Degree	Institution	Field of Education
2019-Present	Assoc. Prof.Dr.	Sivas Cumhuriyet University	Metallurgical and Mat. Eng. Dept.
2013-2019	Assist. Prof.Dr.	Sivas Cumhuriyet University	Metallurgical and Mat. Eng. Dept.
2007-2012	PhD.	Gebze Institute of Technology	Material Science and Engineering
2002-2006	MSc.	Sakarya University-Institute of Science	Metallurgical and Materials Eng.
1997-2001	BSc.	Sakarya University	Metallurgical Eng.

## 3. ACADEMIC EXPERIENCE

Period	Title	Department	University
07/2022- Present	Post Doc Research Associate	Material Science and Engineering	University of Illinois at Urbana-Champaign
08/2021- 07/2022	Post Doctoral Fellow	Materials Engineering	Purdue University
2017-2021	Vice Head of R&D and SEM Coordinator	CU Advanced R&D Center	Cumhuriyet University
2015-2020	Vice Chair of Dept.	Metallurgical and Materials Eng.	Cumhuriyet University
2019- Present	Assoc. Prof. Dr.	Metallurgical and Materials Eng.	Cumhuriyet University
2013-2019	Asst. Prof. Dr.	Metallurgical and Materials Eng.	Cumhuriyet University
2010-2011	Doctoral Res. Fellow	Mat. Sci. and Eng: Prof. W.M.Kriven	Univ. of Illinois-UC, USA
2007-2012	Res. Asst.	Material Science and Engineering	Gebze Institute of Technology
2002-2007	Res. Asst.	Metallurgical and Materials Eng.	Cumhuriyet University

## 4. AREAS OF EXPERTISE

Field of Study	Keywords
Ceramics, metals, polymers, bioceramics	Characterization, physical property-structure relationship, SEM-TEM-STEM, EBSD, XRF-XRD, metal alloy formation, quenching, mechanical properties of materials, carbide-boride hard materials, liquid phase sintering, wear, coatings-PVD, nanoparticle alloys.

## 5. ARTICLES

### a) SCI / SCI-E

Author(s)	Title	Journal	Vol/Page	Year
Şimşek, Selçuk; Derin, Yavuz; Kaya, Savaş; ŞENOL, Zeynep Mine; Katin, Konstantin; <b>Özer, Ali</b> ; Tutar, Ahmet	A High-Performance Material for the Effective Removal of Uranyl Ion from Solution: Computationally Supported Experimental Studies	Langmuir	July 31st	2022
Alnak, Yeliz, <b>Ozer, Ali</b> , Savas, Vedat	Extensive Characterization of Mechanical Properties for Friction-Stir Welding of AISI 316 Stainless Steel and 1010-1070 Carbon Steels	Materials Today-Comm.	Revised	2022
Dr. Selçuk Şimşek; Zeynep Mine Şenol; Savaş Kaya; K.P. Katin; <b>Ali Özer</b> ; Riath Marzouki	Synthesis and characterization of chitosan-vermiculite-lignin ternary composite as an adsorbent for effective removal of uranyl ions from aqueous solution: Experimental study and DFT calculations	Journal of Biological Macromolecules	May	2022
S Şimşek, Savas Kaya, ZM Şenol, Halil İbrahim Ulusoy, K.P. Katin, <b>Ali Özer</b> , Nail Altunay, Ameni Brahmia	Theoretical and Experimental Insights about the Adsorption of Uranyl Ion on A New Designed Vermiculite-Polymer Composite	Journal of Molecular Liquids	352	2022
S. Dirican, A Kaleli, E YILMAZ, <b>Özer Ali</b> , Hayri Dayıoğlu.	New Records of Diatoms (Bacillariales, Rhopalodiales & Surirellales) with ultrastructure details from the Black Sea Coast of Turkey	Aquatic Sciences and Engineering	Jan, 37 ((1)), 19-28	2022
Pehlivan, E., Aslan Ozer, S., Pehlivan, G.F., <b>Ozer, A#</b> .	First-time evaluation and characterization of “Şarişsa” mudbrick ceramics and findings by SEM-EDX and XRF: Chasing the traces of fire	Journal of Australian Ceramic Society	Feb., 59 (49-62)	2022
Zeynep Mine Şenol; Zehra Seba Keskin; <b>Ali Özer</b> ; Selçuk Şimşek	Application of kaolinite-based composite as an adsorbent for removal of uranyl ions from aqueous solution: kinetics and equilibrium study	Journal of Radioanalytical and Nuclear Chemistry	Jan.	2022
Şimşir, M, Palacı, Y., <b>Özer A#</b> .	A comparative study of hardness/scratch/wear properties of TiCN and TiAlN Coatings on DIN 1.2842 Steel by CA-PVD Method	Journal of Australian Ceramic Society	85, 1-8	2021
Hopoğlu H., Aydınoglu H.S., <b>Özer A.</b> , Şenadım Tüzemen E.	Investigation of nitrogen doped ZnO thin films: effects on their structural and optical properties	Optical Materials	122, A, December 2021, 111685	2021
Ünal, M., Candan, M., İpek, İ., Küçükoflaz, M, <b>Özer A.</b>	Evaluation of the microhardness of different resin-based dental restorative materials treated with gastric acid: sem-edx analysis	Microscopy Research and Technique	59, 1-8	2021
Ebru Şenadım Tüzemen, <b>Ali ÖZER</b> , İlkay Demir, İsmail Altuntaş, Mehmet Şimşir	ZnO/Al <sub>2</sub> O <sub>3</sub> layered structures deposited by RF magnetron sputtering on glass: growth characteristics, optical properties and microstructural analysis	Journal of Australian Ceramic Society	86	2021
Soheil MOBTAKERI, Yunus Akaltun, <b>Ali Özer</b> , Merhan Kılıç, Ebru Ş. Tüzemen, Emre Gür	Gallium oxide films deposition by RF magnetron sputtering: a detailed analysis on the effects of deposition pressure and sputtering power and annealing	Ceramics International	January	2021
Koray Soygun, <b>A. Özer</b> , M. Ç. Ulucan, G. Bolayır	An Investigation of Corrosive Effects on Zirconia with Different Crystal Structures	Microscopy Research and Technique	February	2021

Kerim Emre ÖKSÜZ, Deniz İnan, Nese Kurt, <b>Ali ÖZER</b>	The <i>in-vitro</i> Wound Healing Characteristics of PVA-NaAlg-Spider Silk Biocomposites	Material Today Communication	January	2021
Zeynep Mine ŞENOL, Selçuk ŞİMŞEK, <b>Ali ÖZER</b> , Dilek Şenol Arslan	Synthesis and characterization of chitosan-vermiculite composite beads as adsorbent for environmental removal of $UO_2^{2+}$ ions; isotherm, kinetic and thermodynamic studies	Journal of Radioanalytical and Nuclear Chemistry	October	2020
Zeynep Mine ŞENOL, Halil İbrahim ULUSOY, Selçuk ŞİMŞEK, <b>Ali ÖZER</b>	Synthesis and characterization of a Polyacrylamide-Dolomite based new composite material for efficient removal of uranyl ions	Journal of Radioanalytical and Nuclear Chemistry	April	2020
Zeynep Mine ŞENOL, Nevcihan GÜRSOY, Selçuk ŞİMŞEK, <b>Ali ÖZER</b> , Nihat KARAKUŞ	Removal of food dyes from aqueous solution by chitosan-vermiculite beads	Journal of Biological Macromolecules	January	2020
Kerim Emre ÖKSÜZ, Seyran KILINÇ, <b>Ali ÖZER</b>	The Effect of Calcination on the Microstructural Development and Properties of Hydroxyapatite Powders Extracted From Human and Bovine Bones	Transactions of Indian Ceramic Society	April 2019	2019
<b>Ali ÖZER</b> , K. Emre ÖKSÜZ	The Effect of Yttrium Oxide in Hydroxyapatite/Aluminum Oxide Hybrid Biocomposite Materials: Phase, Mechanical and Morphological Evaluation	Mat. Science and Eng. Tech.-Materialewissenschafter	Nov, 2019	2019
<b>A. Ozer#</b> , Koray Soygun, G. Bolayır	The Surface and Phase Analysis Studies on Dental Bioceramics Subjected to Different Mouthrinse Solutions	Journal of Australian Ceramic Society	June 2018 Vol (3)	2018
Koray Soygun, Osman Varol, <b>Ali Ozer</b> , Giray Bolayır	Investigations on the effects of oral mouthrinses on the colour stability and surface roughness of different dental bioceramics	The Journal of Advanced Prosthodontics	9(3), 200-207, June	2017
Kerim Emre ÖKSÜZ, <b>Ali ÖZER</b>	Effect of Yttria on the Phase Formation and Sintering of HA- $Al_2O_3$ Biocomposites	Acta Physica Polonica A	131-3 576-579	2017
Onur Baran KILIC, <b>Ali ÖZER#</b>	High Energy Ball Milling of YAG powders: Sintering Properties and Microstructural Evaluation	Acta Physica Polonica A	131-3 329-331	2017
K.E. Öksüz, <b>A. Özer</b>	Microstructural and phase study of $Y_2O_3$ doped HA/ $Al_2O_3$ biocomp.	Digest Journal of Nanomaterials and Biostructures	11-1, 167-172	2016
Şimşir, M., <b>Özer, A.</b> , Kumruoğlu, L.C.	Investigation on the machinability of steel/steel laminates by $CO_2$ laser	International Journal of Materials and Product Technology	48 (1-4), pp. 80-94	2014
<b>Ali ÖZER#</b> , Yahya Kemal TÜR	Sintering Behavior and Mechanical Properties of $Cr_3C_2$ -NiCr Cermets	Bulletin of Material Science	June	2013
<b>Ali OZER#</b> , Waltraud M. KRIVEN, Yahya Kemal TUR	The effect of 3 mol% $Y_2O_3$ stabilized $ZrO_2$ produced by a steric entrapment method on the mechanical and sintering properties of $Cr_3C_2$ based cermets	Material Science and Engineering A	556 / - / 878-884	2012
Mehmet Simsir, Levent Cenk Kumruoglu, <b>Ali Özer</b>	An investigation into stainless-steel/structural-alloy-steel bimetal produced by shell mould casting	Materials & Design	30 / - / 264-270	2009
L.C. Kumruoglu, <b>A. Ozer</b>	Investigation of critical liquid fraction factor in nodular iron castings by computer simulation	Journal Of Materials Processing Technology	197/ - / 182-188	2008
Ihsan HUBBEZOGLU, Giray BOLAYIR, Orhan Murat DOGAN, Arife DOGAN, <b>Ali ÖZER</b> and Bülent BEK	Microhardness Evaluation of Resin Composites Polymerized by Three Different Light Sources	Dental Materials Journal	26/6/845-853	2007

Sevil Cetinkaya, Meral Karakısla, <b>Ali Özer</b> , Mehmet Sacak	Conductive potassium feldspar/polyaniline composites prepared by <i>in situ</i> chemical polymerization	Synthetic Metals	157/ - / 702-707	2007
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#### B) PROCEEDINGS PRESENTED IN NATIONAL AND INTERNATIONAL CONGRESS AND SYMP.

Emel Berna Tuna, Kerim Emre Öksüz, <b>Ali ÖZER</b>	Characterization Of Poly(Vinyl Alcohol)/Sodium Alginate Nanofibers Produced By Electrospinning Method	IMSTEC 2021	Dec.2021	2021
Yeliz ALNAK*, <b>Ali ÖZER</b> , Vedat SAVAŞ	Investigation of Mechanical Properties and Microstructures of AISI 316 Stainless Steel and Carbon Steel Pairs Combined by Friction Stir Welding	Çukurova University Journal of the Faculty of Engineering and Architecture	Dec.2021	2021
<b>Ali ÖZER#</b> , Yeliz ALNAK, Vedat SAVAŞ	Östenitik Paslanmaz Çeliklerin Sürtünme Karıştırma Kaynağı İle Birleştirilmesi Ve Karakterizasyonu	IMSMATEC 20, June	Nevşehir	2020
S MOBTAKERİ, ES TUZEMEN, <b>Özer, Ali</b> , GÜR Emre	Characterization of Gallium Oxide/glass thin films grown by RF magnetron sputtering	Cumhuriyet Science Journal	41 (4), 929-937	2020
Kemal ŞAHBUDAK, <b>Ali ÖZER#</b>	The Importance of Geopolymer Structures in Turkey: Case of Diatomite Doped Fly Ash Based Geopolymers	IMSMATEC 20, June	Nevşehir	2020
Mehmet KUL, <b>Ali ÖZER</b> , K. Emre ÖKSÜZ, Nida KURT	The effect of ball milling speed on the penetration of Cr and Zr into Cu for production of Cu1CrZr alloy powder	MTM SUMMER FORM A	Varna	2019
Ebru Yabaş*, <b>Ali Özer</b>	The Investigation of Thin Film Surface Morphologies of Phthalocyanines of Different Structures	Book Chapter-Bilmess 2018	Cappadocia, October	2018
Ebru Yabaş*, <b>Ali Özer</b> , Mehmet Kul, Pınar Başer	Synthesis of Thiadiazole Tetrasubstituted Zinc Phthalocyanine Compound and Investigation of The Potential Use in Organic Solar Cells	CIEA'2018	Sept.	2018
<b>Ali ÖZER</b> , K. Emre ÖKSÜZ, H SÜBÜTAY, L. Cenk Kumruoğlu, M. ŞİMŞİR, Mehmet KUL	The effect of ball milling time on the mechanochemical activation properties of Cu1CrZr alloys	International Conference on Science, Technology, Engineering and Management (ICSTEM)	August	2018
Mirosław Szala, Karolina Beer-Lech, Kamil Gancarczyk, Onur Baran Kilic, Paweł Pędrak, <b>Ali Özer</b> , Anna Skic	Microstructural Characterisation Of Co-Cr-Mo Casting Dental Alloys	Advances in Science and Technology Research Journal	Vol:11(4), Dec 2017, 76-82	2017
Aydoğan BOZKURT, Derya BOZKURT, <b>Ali ÖZER#</b> , Atilla ENGİN	The Elemental And Structural Analysis Of Archaeological Findings: OYLUM HÖYÜK CASE REPORT	IMSTEC 2017	Proceedings	2017
Kemal Sahbudak, <b>Ali ÖZER#</b>	Characterization Of Fly Ash-Perlite Cement Like Mortars For Next Generation Concrete Industry: From A Viewpoint of Pore Formation And Phase Analysis	ISME 2017, International Mining and Environment Symposium, Bodrum, Muğla, 27-29 Sept. 2017	Proceedings	2017
U. Hilal ÖZER, Kerim Emre ÖKSÜZ, <b>Ali ÖZER</b>	Synthesis And Characterization Of CeO <sub>2</sub> Doped ZrO <sub>2</sub> Ceramics By A Simple Sol-Gel Route	BRAMAT 2017	Mat. Sci. Forum	2017
Mesut Arıkoğlu, Fatih APAYDIN, <b>Ali Özer#</b>	Formation of Al-Ti-B Phases For Grain Refinement Of Al Alloys Produced By High Energy Ball Milling	BRAMAT 2017	Mat. Sci. Forum	2017
Kerim Emre Öksüz, <b>Ali ÖZER</b>	TiO <sub>2</sub> -Grafen Nanokompozit Partikül Takviyeli Koruyucu Tekstillerin Geliştirilmesi	JOTCS (UKMK'16)	12. National Chem.Eng. Congress	2016
<b>Ali Özer#</b> , L. Cenk Kumruoğlu, Mevlüt Çelik, Emircan Çağlar, Kerim Emre	Sintering Behavior And Microstructural Evaluation Of MgO-Doped $\alpha$ -Al <sub>2</sub> O <sub>3</sub>	Materials, Methods & Technologies Journal of International	ISSN 1314-7269, 10, pp:367-373	2016

Öksüz		Scientific Publications		
Mehmet Sonuç İŞLEK, <b>Ali ÖZER</b> #, M. Sarioğlu CEBEÇİ	Investigation Of Tape Casting Process Parameters For Alumina And Silica Laminated Architecture	IMSTEC 2016	May 2016	2016
K.E. Öksüz, F. Apaydın, M. Çevik, A.E. Bozdağ, <b>A. Özer</b>	Phase and Morphological Evaluation of Mechanically Activated Sintered YAG powders	Ultra-Fine Grained and Nanostructured Materials, 6th-9th Nov. 2015	4-6 Nov.	2015
Soygun, K., Ünal, M., <b>Özer, A.</b> , Gülnahar, E., Bolayir, G.	Effects of Different Curing Unites on Bulk Fill Composites	Int. Journal of Oral and Dental Health	1:013	2015
Soygun, K., Ünal, M., <b>Özer, A.</b> , Gülnahar, E., Bolayir, G.	[An investigation of microhardness cured different flow bulk fill composites]	Cumhuriyet Dental Journal	17 (1), pp. 64-69	2015
K.E. Öksüz, M. Çevik, A.E. Bozdağ, <b>A. Özer</b>	Production of (V-B) Reinforced Fe Matrix Composites	XVI. ICDP Barcelona Advanced Materials Conference		2015
<b>Ali ÖZER</b> #, Waltraud M. KRIVEN, Yahya Kemal TUR	An Experimental Study On The Effects Of SiC On The Sintering And Mechanical Properties Of Cr3C2-NiCr Cermets	Mechanical Properties and Performance of Engineering Ceramics and Composites VI, Daytona Beach, FL,USA	- / - / 271-279	2011
Yahya Kemal TÜR, <b>Ali ÖZER</b> #, Cihangir DURAN	Effect of polymorphic zirconia phases on the mechanical and wear properties of Cr3C2-NiCr cermets	Advances in Science and Technology, Terme, Italy	64 / - / 59-64	2010
<b>Ali ÖZER</b> #, Yahya Kemal TÜR, Cihangir DURAN	Cr3C2-NiCr sermetlerin sinterleme davranışı ve mekanik özelliklerinin incelenmesi	XVI. National Mechanics Congre, Kayseri, 22-26 June 2009	- / - / 903-910	2009
Çetinkaya, S., <b>Özer, A.</b> , Güler, T., Akdemir, Ü.	The evaluation of physical properties of sanitary ware ceramics	11 <sup>th</sup> Conference on Environment and Mineral Processing, Czech Rep.	2 / - / 81-86	2007
Çetinkaya, S., Güler, T., <b>Özer, A.</b> , Yalçın, H., Akdemir, Ü.	A research on the effect of kaolinite-illite ratio in sanitary ware applications	43 <sup>rd</sup> Annual Meeting of the Clay Mineral Society, France	- / - / 67	2006
H. Demirel, <b>A. Özer</b> #, O. Bulut, L.C. Kumruoğlu	The investigation of the mechanical strength of antibiotic impregnated bone cements prepared by 4 different methods	<i>Proceedings of 11th International Materials Symp</i> , April 19-21 2006	- / - / 76-81	2006

## 6. AWARDS

Name of Award	Taken Institution	Year
Post Doc Research Associate	Uni of Illinois Urbana-Champaign	2022-2023
NSF PostDoc Fellowship	Purdue University, USA	2021-2022
Best Poster Award	BRAMAT 2017, Romania	2017
Best Poster Award	Aegean University, Izmir, Turkey, Council of Dentistry	2015
Article Publication Award, cash	TÜBİTAK (NSF)	2007, 2008, 2009, 2012, 2013, 2016, 2017, 2018, 2020
Doctoral Fellowship-USA, Uni. Of Illinois UC	Higher Education Council of Turkey	2010-2011

## 7. THESIS

**MSc. : Investigation of Element Addition on the Mechanical and Wear Properties of ZA Alloys**

**PhD. : The Effect of Hard Additives on the Mechanical and Wear Properties of Cr<sub>3</sub>C<sub>2</sub>-NiCr Cermets**

## 8. ONGOING AND PROPOSED PROJECTS

- Investigation of adhesion behavior and cytotoxicity on different surfaces by adding nanoparticles to PLGA electrospun fibers, SCU-Scientific Res. Committee, **\$3500**, Advisor of PhD Student (Emel Berna TUNA), 2023.
- The Parametric Investigation of Friction Stir Welded Dissimilar Joints of SS-Plain Carbon Steels for Pipe Applications, NSF Turkey, **\$7000**-Main Researcher, Co Advisor of PhD student.
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- Yesemek Hittite Sculpture Workshop Excavation and Surface Investigation, Gaziantep, Turkey, 2020.
- Sarissa Ancient Cite Archaeometric Investigations, 2021.
- The Investigation of Thermal and Electrical Conductivity and Mechanical Strength of CuCr1Zr-Graphene Composites (2017-2020)- Awarded by NSF Turkey (**\$95.000**)-First Researcher.
- The Investigation of Bioactivity of the Coatings on Ear Pressure Equalization Tubes Coated by Graphene, NiO, ZnO Nanoparticles: An in vitro Study (2016-2018)- Awarded by NSF-Turkey (**\$90.000**)- Researcher.
- pHEMA-silicon hydrogel composites for optical intraocular lenses, CU-Scientific Research Projects Committee, **\$3000**, Head, Advisor of Master Student Merve, **Completed, 2019**.
- Characterization of Alumina-Zirconia-SiC Nanocomposites produced with different top-bottom;bottom-top methods, CU-Scientific Research Projects Committee, **\$3000**, Head, Advisor of Master Student Eren, **completed, 2017**.
- In situ formation of Al-Ti-(B-C-N) powder composites for Grain Refinement of Al Alloy Castings, CU-Scientific Research Projects Committee, **\$3000**, Head, Advisor of Master Student Mesut, **completed, 2017**.
- Tape Casting Laminated Composites of Alumina-Zirconia-Graphene for Tough and hard Ceramics, CU-Scientific Research Projects Committee, **\$3000**, Head, Advisor of Master Student Mehmet, **completed, 2016**.
- Effect of Different Solutions on the Corrosion and Mechanical Properties of Zirconia Dental Materials Sintered by Different Methods (SPS-Conventional), CU-Scientific Research Projects Committee, **\$12.500**, First Researcher, 2016-2018.
- The Production and Characterization of Al and Glass Reinforced B<sub>4</sub>C Laminated Composites, MSc Student Cagatay, **completed, 2018**.
- The Production and Honeycomb Design of 3D Printed PLGA Polymers and Their Mechanical Characterization, MSc student Muharrem Gole, **to be completed in 2022**.

## 9. GIVEN AND PROPOSED LECTURES

Name of Lecture	Level-Semester	Times Given	Number of Students (Average)
Mechanical Properties of Materials	Bachelor / 5. s.	6	192
Materials Characterization Techniques	Bachelor / 7. s.	6	110
Intro to Mat. Eng.	Bachelor / 1. s.	4	154
Phase Diagrams	Bachelor / 4. s.	1	162
Non-Ferrous Metal Production	Bachelor / 6. s.	1	142
Plastical Forming of Metals	Bachelor / 6. s.	5	141
Material Selection and Design	Bachelor / 8. s.	4	90

Nanomaterials	Bachelor / 8. s.	5	45
Biomaterials	Bachelor / 7. s.	1	13
Sintering Theory and Particulate Process	Grad-Master	5	6
Ceramic Characterization Techniques	Grad-Master	6	7
Spectroscopic Analysis Methods	Grad-Master	11	5
Physical and Chemical Prop. of Ceramics	Grad-Master	11	5
Advanced Mech. Prop. of Ceramics	Grad-Master	11	4
Nanotechnology Applications	Grad-Master	7	3
Seminar I-II	Grad-Master	9	3
Specialization	Grad-Master	7	6
Sintering Kinetics	PhD	5	7
SEM-TEM and XRD Applications	PhD	2	3
PhD Seminar	PhD	2	1

## 10. POST-GRAD STUDENTS GRADUATED-ADVISED

**Mehmet Sonuç İŞLEK- MSc-June 2016-** Tape Casting Process Parameters and Sinterability of Alumina-Zirconia-Graphene Laminated Ceramics. Now working in Iskenderun Tosyalı Co.

**Eren Turpcu- MSc- March 2017-** Sintering of Alumina-Zirconia-SiC Nanocomposites Produced by Different Precipitation Techniques. Now working in İZMİR Krom İhracat

**Mesut Arıkoğlu- MSc- June 2017-** *in-situ* Production of Al-Ti/B-C-N composite powders for grain refinement in Al castings.-now working as R&D in PARSAN Alüminyum Machinery-KONYA

**Cagatay Kırıklar- MSc- Sept 2018-** The Production of Sintered B4C-Glass/Al Composites.-now working in Ankara.

**U. Hilal Ozer-MSc-May 2019-** Graphene and Nano Carbon Related Coatings on Polymer Materials

**Fatih Tonbaktepe-MSc- May 2019-** The Effect of Mullite and Al-Silicate Minerals on Refr. Mat.

**Sefa İnce-MSc-May 2019-** Li-Al-Si oxide Glass formation and Phase Evaluation-Now working as a chef engineer in Ankara.

**Merve Subutay Ozkan- MSc-Nov 2019-** pHEMA-Silikon Hidrojel Kompozisyonlarının Üretimi, Karakterizasyonu Ve Optik-Fiziksel Özelliklerinin İncelenmesi. Now working as a Biologist in Bingöl.

**Yeliz Alnak-PhD-2020 Feb- BSc Mechanical Eng.-** Friction Stir Welding of Dissimilar Steels and Their Characterization-PhD Research Assistant in Automotive Eng.

**Ahmet Cetin-PhD-2021-BSc Physics-** RF-DC PVD applications of Al<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-ZnO Photocatalytic Coatings. Now working as PhD student in YOK 100-2000 programme.

**Emel Berna TUNA-2021-BSc-Chemical Eng.-** Electrospinning of PLGA polymers doped by HA, ZnO and rGO nanomaterials and investigation of toxicity and antibacterial activities, *in vitro*”, **2023**.