Assoc. Prof. Dr. Levent PARALI

EDUCATION			
Degree	**University**	**Department**	**Year**
B.Sc.	Gazi University	Faculty of Technical Education Departments of Electrical and Electronics.	1989
M.Sc.	Celal Bayar University	Institute of Natural and Applied Science.	2008
Ph.D.	Celal Bayar University	Institute of Natural and Applied Science.	2011
Assoc. Prof. Dr.	Inter-University Council	Electrical and Electronics Engineering.	2018

CONTACT INFORMATION	
Adress	Manisa Celal Bayar University -Turgutlu Vocational School, Department of Electronics and Automation, Code: 45400, Turgutlu - MANISA
Telephone	90 (236) 313 55 02 – Extension : 159
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Web	www.leventparali.com.tr https://orcid.org/0000-0002-4462-7628

PROFESSIONAL EXPERIENCE		
Workplace	**Position**	**Years**
Vestel Home Appliances-MANISA	Laboratory Head (MWO,WM,DW)	1991-1995
Polinas Plastic Corporation-MANISA	Electrical-Electronics Calibration Resp	1995-1997
Vestel Electronics Corporation-MANISA	Electronics Service Engineer	1997-2003
Vestel Electronics Corporation-MANISA	Electronic Service Education Chief	2003-2004
Celal Bayar University-Turgutlu-MANISA	Lecturer in Electronics T.- Contractual	2004-2006
Celal Bayar University-Turgutlu-MANISA	Lecturer in Electronics Technology	2006-2011
Celal Bayar University-Turgutlu-MANISA	Lect. Dr. in Electronics Technology	2011-2013
Celal Bayar University-Turgutlu-MANISA	Assist. Prof. Dr. Electronics and Automation Dept.	2013-2018
Celal Bayar University-Turgutlu-MANISA	Assoc. Prof. Dr. Electronics and Automation Dept.	2018-

MANAGEMENT EXPERIENCE		
Workplace	**Position**	**Years**
Celal Bayar University-TVS	Head of Electronics-Automation Depart.	2013 - Currently
Celal Bayar University-TVS	Board Member	2015 - Currently
Celal Bayar University-TVS	Erasmus Coordinator	2019 - 2023

COMPLETED THESIS	
M.Sc.	Computer Controlled Real Time Temperature Measurement System - 2008
Ph.D.	Optical and Electrical Properties Investigations of Smoky Quartz, Blue Chalcedony and Agate From Turkey - 2011

RESEARCH INTERESTS

- Digital Electronics and Design, PLC Automation Systems, Metrology and Calibration.
- Fabrication of the Piezoelectric Actuator, Electronics and Vibration Measurements
- Digital Measurement System based on Laser Doppler Vibrometer.
- Semiconductor and Polymer Materials based on Nano and Micro.
- Nano based Piezoelectric/Magnetoelectric Sensor and Tissue Fabrications based on 1D, 2D, and 3D using Electrospinning, Electrospray, and Electrowriting methods.
- Soft Robotic Fabrications using the 4D Printing Systems.
- Selective Laser Melting Technology.
- Chemical-Sensor Fabrications.

English Language Level	English – 71.25

ORIGINAL PUBLICATIONS

Articles Published in International Refereed Journals – SCI / SCI-E

1	**L.Paralı**, J. Garcia Guinea, R. Kibar, A. Cetin, N. Can, *Luminescence behaviour and Raman characterization of dendritic agate in the Dereyalak village (Eskisehir), Turkey,* **Journal of Luminescence**, ISNN: 0022-2313, 131 (11) (2011) 2317–2324 (Impact Factor: **4.171-SCI** Category Quartile: **Q2** Citing: **21**) http://dx.doi.org/10.1016/j.jlumin.2011.05.057
2	Israfil Şabikoğlu, **Levent Paralı**, *FTIR and VSM Properties of Samarium Doped Nickel Ferrite*, **Functional Materials Letters**, ISSN:1793-6047, 07 (04) (2014) 1450046 -5 Pages (Impact Factor: **1.49-SCIE** Category Quartile: **Q4** Citing: **13**) http://dx.doi.org/10.1142/S1793604714500465
3	**Levent Paralı**, Israfil Şabikoğlu, Mirza A.Kurbanov, *Piezoelectric Properties of the New Generation Active Matrix Hybrid (Micro-Nano) Composites*, **Applied Surface Science**, ISSN: 0169-4332, 318 (2014) 6-9 (Impact Factor: **7.392-SCI** Category Quartile: **Q1** Citing: **7**) http://dx.doi.org/10.1016/j.apsusc.2013.10.043
4	**Levent Paralı**, İsrafil Şabikoğlu, Jiri Tucek, Jiri Pechousek, Petr Novak, Jakub Navarik, *Dielectric Behaviors at Microwave Frequencies and Mössbauer Effects of Chalcedony, Agate, Zultanite*, **Chinese Physics B**, ISNN: 2058-3834, 24 (5) (2015) 059101 (Impact Factor:**1.652–SCI** Category Quartile: **Q3** Citing: **4**) http://dx.doi.org/10.1088/1674-1056/24/5/059101
5	İsrafil Şabikoğlu, **Levent Paralı**, Ondrej Malina, Petr Novak, Josef Kaslik, Jiri Tucek, Jiri Pechousek, Jakup Navarik, and Oldrich Schneeweiss, *The Effect of Neodymium Substitution on the Structural and Magnetic Properties of Nickel Ferritte*, **Progress in Natural Science: Materials International,** ISNN: 1002-0071, 25 (3) (2015) 215-221 (ImpactFactor: **4.269–SCIE** Category Quartile: **Q2** Citing: **54**) http://dx.doi.org/10.1016/j.pnsc.2015.06.002

6	**Levent Paralı**, *The electret effects of crystallized polymer-ferropiezoelectric composite under electric discharge plasma*, **Journal of Electrostatics**, eISSN: 1873-5738 76 (2015) 89-94 (Impact Factor: **1.942-SCIE** Quality Factor: **Q3** Citing: **14**) http://dx.doi.org/10.1016/j.elstat.2015.05.012
7	**Levent Paralı**, Mirza A. Kurbanov, Azad A. Bayramov, Farida N. Tatardar, Ramazanova I. Sultanakhmedova, Hüseynova Gulnara Xanlar, *Effects of Electric Discharge Plasma Treatment on the Thermal Conductivity of Polymer-Metal Nitride/Carbide Composites,* **Journal of Electronic Materials**, eISSN:1543-186X, 44 (11) (2015) 4322-4333 (Impact Factor: **2.047-SCI** Category Quartile: **Q3** Citing: **8**) http://dx.doi.org/10.1007/s11664-015-4010-3
8	**Levent Paralı**, Jiri Pechousek, Israfil Şabikoğlu, Petr Novak, Jakup Navarik, Milan Vujtek, *A digital measurement system based on laser displacement sensor for piezoelectric ceramic discs vibration characterization*, **Optik-International for Light and Electron Optics**, ISSN: 0030-4026**,** 127 (1) (2016) 84-89 (Impact Factor:**2.84-SCI** Category Quartile: **Q2** Citing: **18**) http://dx.doi.org/10.1016/j.ijleo.2015.10.099
9	Havar A. Mamedov, **Levent Paralı**, Mirza A. Kurbanov, Azad A.Bayramov, Farida N. Tatardar, İsrafil Şabikoğlu, *Piezoresistive and Posistor Effects in Polymer-Semiconductor and Polymer-Ferropiezoceramic Composite*, **Semiconductors**, eISSN: 1090-6479, 50 (5) (2016) 621-626 (Impact Factor: **0.66-SCI** Category Quartile: **Q4** Citing: **5**) http://dx.doi.org/10.1134/S1063782616050171
10	Leo Schlattauer, **Levent Paralı**, Jiri Pechousek, Israfil Sabikoglu, Cuneyt Celiktas, Gozde Tektas, Petr Novak, Ales Jancar, Vit Prochazka, *Calibration of gamma-ray detectors using Gaussian photopeak fitting in the multichannel spectra with LabVIEW-based digital system,* **European Journal of Physics,** ISSN: 0143-0807**,** 38 (2017) 055806 (12pp) (Impact Factor:**0.883-SCI-E** Category Quartile: **Q4** Citing: **9**) http://dx.doi.org/10.1088/1361-6404/aa7a7a
11	**Levent Paralı**, Ali Sarı, Ulaş Kılıç, Özge Şahin, Jiri Pechousek, *The artificial neural network modelling of the piezoelectric actuator vibrations using laser displacement sensor*, **Journal of Electrical Engineering**, eISSN: 1339-309X, 68 (5) (2017) 371-377 (Impact Factor: **0.84-SCI-E** Category Quartile: **Q4** Citing: **11**) http://dx.doi.org/10.1515/jee-2017-0069
12	**Levent Paralı**, Ali Sarı, Levent Malgaca, Jiri Pechousek, Frantisek Latal, *Estimating elasticity modulus of the piezo ceramic disc (PCD) using basic mathematical modelling*, **Optik-International for Light and Electron Optics,** ISSN: 0030-4026**,** 173 (11) (2018) 146-156 (Impact Factor:**2.84-SCI** Category Quartile: **Q2** Alıntı: **1**) https://doi.org/10.1016/j.ijleo.2018.07.141
13	Muhterem Koç, **Levent Paralı**, Osman Şan, *Fabrication and vibrational energy harvesting characterization of flexible piezoelectric nanogenerator (PEN) based on PVDF/PZT,* **Polymer Testing,** ISNN: 0142-9418**,** 90 (October 2020) 106695 (Impact Factor: **4.931-SCI** Category Quartile: **Q1** Citing: **71**) https://doi.org/10.1016/j.polymertesting.2020.106695
14	Merve Zeyrek Ongun, **Levent Paralı**, Sibel Oğuzlar, Jiri Pechousek, *Characterization of β-PVDF based nanogenerators along with Fe_2O_3 NPs for piezoelectric energy harvesting,* **Journal of Materials Science: Materials in Electronics,** ISSN: 0957-4522,

	31(21), 19146-19158 (2020) (Impact Factor: **2.779-SCI** Category Quartile: **Q2** Citing: **20**) https://doi.org/10.1007/s10854-020-04451-y
15	**Levent Paralı**, Çiğdem Elif Demirci Dönmez, Muhterem Koç, Selçuk Aktürk, *Piezoelectric and magnetoelectric properties of PVDF/$NiFe_2O_4$ based electrospun nanofibers for flexible piezoelectric nanogenerators*, **Current Applied Physics,** ISSN: 1567-1739, 36 (April 2022) 143-159 (Impact Factor: **2.856-SCI-E** Category Quartile: **Q2** Citing: **12**) https://doi.org/10.1016/j.cap.2022.01.013
16	Muhterem Koç, Çiğdem Elif Demirci Dönmez, **Levent Paralı**, Ali Sarı, Selçuk Aktürk, *Piezoelectric and Magnetoelectric evaluations on PVDF/$CoFe_2O_4$ based flexible nanogenerators for energy harvesting applications*, **Journal of Materials Science: Materials in Electronics**, ISSN: 0957-4522 (2022) 33:8048-8064 (Impact Factor: **2.779-SCI** Category Quartile: **Q2** Citing: **18**) DOI: https://doi.org/10.1007/s10854-022-07956-w
17	**Levent PARALI**, Muhterem Koç, Ziya Yıldız, *2D/3D Direct Writing of Thermoplastics Through Electrohydrodynamic (EHD) Printing*, **Polymer Science A**, ISSN: 0965-545X (2022) (Impact Factor: **1.382-SCI** Category Quartile: **Q4** Citing: **2**) 64, 559-572 DOI: https://doi.org/10.1134/S0965545X22700183
18	**Levent PARALI**, Muhterem Koç, Erdem Akça, *Comparison of piezoelectric performances on flexible PVDF/PMN-xPT (x: 30, 32.5, and 35) nanogenerators fabricated through the electrospinning*, **Ceramics International,** ISSN: 0272-8842 49 (2023) 18388-18396 (Impact Factor: **5.532-SCI** Category Quartile: **Q1** Citing: **18**) https://doi.org/10.1016/j.ceramint.2023.02.211
19	**Levent PARALI**, Farida Tatardar, Muhterem Koç, Ali Sarı, Rasoul Moradi, *The piezoelectric response of electrospun PVDF/PZT films incorporated with pristine graphene nanoplatelets for mechanical energy harvesting*, **Journal of Materials Science: Materials in Electronics**, ISSN: 0957-4522 (2024) (Impact Factor: **2.8-SCI** Category Quartile: **Q2** Citing: **7**) 35 (41), DOI: https://doi.org/10.1007/s10854-023-11798-5
20	**Levent PARALI**, *Output Performance Evaluations of Multilayered Piezoelectric Nanogenerators based on PVDF-HFP/PMN-35PT using various Layer-by-Layer Assembly Techniques*, **Journal of Materials Science: Materials in Electronics**, ISSN: 0957-4522 (2024) 35 (796) (Impact Factor: **2.8-SCI** Category Quartile: **Q2** Citing: **1**) DOI: https://doi.org/10.1007/s10854-024-12557-w
21	Vojtech Skoumal, Jiri Pechoušek, **Levent PARALI**, Muhterem Koç, *Affordable and customizable electrospinning set-up based on 3D printed components*, **Physica Scripta,** 99 (2024) 071501 (Impact Factor: **2.6-SCI** Category Quartile: **Q2**) DOI: https://doi.org/10.1088/1402-4896/ad5151
22	Muhterem Koç, Farida Tatardar, Nahide Nazim Mosayeva, Sevinj Guluzade, Ali Sarı, **Levent PARALI**, *The piezoelectric properties of three-phase (electrospun PVDF/PZT/MWCNT) composites for energy harvesting applications,* **Journal of Alloys and Compounds,** ISSN: 1873-3956 (2024) 1003 (175578) (Impact Factor: **5.8-SCI** Category Quartile: **Q1** Citing: **2**) DOI: https://doi.org/10.1016/j.jallcom.2024.175578

SCI – SCIE Articles	**22**	**Citing SCI Articles**	**299**

TOTALY CATEGORY QUARTILE DISTRIBUTION			
Q1	4	Q3	3
Q2	10	Q4	5

AWARDS AND SCHOLARSHIPS		
	Date	Articles
1	2012	Publication Incentive Award, TUBITAK – 1 time
2	2014	Publication Incentive Award, TUBITAK – 2 times
3	2015	Publication Incentive Award, TUBITAK – 1 time
4	2020	**TUBITAK-2242** University Students Research Project Competitions **Ziya Yıldız**-***Konya Region Winner***.(26.08.2020) Project Name: **Multifunctional Production Platform for Scaffolding Tissues with Hybrid (Micro-Nano) Structures**. (Project Advisor Award: Assoc. Prof. Dr. Levent PARALI)
5	2020	**TUBITAK-2242** University Students Research Project Competitions **Ziya Yıldız**-***Turkey Winner*** (10.09.2020) Project Name: **Multifunctional Production Platform for Scaffolding Tissues with Hybrid (Micro-Nano) Structures**. (Project Advisor Award: Assoc. Prof. Dr. Levent PARALI)
6	2022	**TUBITAK-2242** University Students Research Project Competitions **Ziya Yıldız**-***Turkey Third*** (24.07.2022) Project Name: **Stereolithography**. (Project Advisor Award: Assoc. Prof. Dr. Levent PARALI)
7	2023	Publication Incentive Award, TUBITAK – 1 time
8	2024	Publication Incentive Award, TUBITAK – 1 time

REFEREE ACTIVITIES					
Journal	International	35	**Congress, Symposium**	International	1
	National	2		National	-

Articles Published in Other International Refereed Journals-ULAKBIM	
1	**Levent PARALI,** Faruk Durmaz**,** Jiri Pechousek, Obtaining High-Resolution Spectroscopy by Digital Signal Processing System and Its Calibration (in Turkish), CBU Journal of Science**,** ISSN 1305-1385, 10 (2) (2014) 94-104. (ULAKBIM-TR Dizin) http://dx.doi.org/10.18466/cbufbe.06303
2	**Levent PARALI,** Özge ŞAHİN, Ali SARI, Jiri PECHOUSEK, Determining Resonance and Antiresonance Frequencies of Piezoelectric Actuator by Digital Measurement System Based on Laser (in Turkish), MCBU Journal of Science, ISNN: 1305-1385 13 (2) (2017) 523-528 Citing: **2** (ULAKBIM-TR Dizin) http://dx.doi.org/10.18466/cbayarfbe.319957
3	**Levent PARALI,** İsrafil ŞABİKOĞLU, The Fabrication of Local Piezoelectric Sensors Using Hydraulic Pressing System Based on PLC (in English), MCBU Journal of Science, ISNN: 1305-1385 (3) (2017) 13 (3) (2017) 651-655 Citing: **1** (ULAKBIM-TR Dizin) http://dx.doi.org/10.18466/cbayarfbe.339322

4	**Levent PARALI,** Faruk DURMAZ, Olcay AYDIN, Calibration of a Platinum Resistance Thermometer (Pt-100) and Its Measurement Uncertainty Analysis, (in English), MCBU Journal of Science, ISNN: 1305-1385, 14 (1) (2018) 41-49 Citing: **8** (ULAKBIM-TR Dizin) http://dx.doi.org/10.18466/cbayarfbe.334988
5	**Levent PARALI,** Ali SARI, Mehmet ESEN, Design of a 3D Printed Open Source Humanoid Robot (in English), Bitlis Eren University Journal of Science, ISSN: 2147-3129/e-ISSN: 2147-3188 Volume: 11 No: 2 Pages: 411-420 Year: 2022 Citing: **4** (ULAKBIM-TR Dizin) http://dx.doi.org/10.17798/bitlisfen.998006
6	**Levent PARALI**, Design, fabrication, and piezoelectric performance evaluation of a nanogenerator for vibrational energy harvesters (in English), Bitlis Eren University Journal of Science, ISSN: 2147-3129/e-ISSN: 2147-3188 VOLUME: 13 NO: 4 PAGE: 896-905 YEAR: 2024 (ULAKBIM-TR Dizin) http://dx.doi.org/10.17798/bitlisfen.1458956

International-National Conference Proceedings	
1	Mehmet TAŞTAN, Süleyman UYKAN, **Levent PARALI**, " PIC Microcontroller Based Automation and Scada Application of Auto Painting and Drying System", **UCTEA The Chamber of Electrical Engineers, 3nd Automation Symposium**, Proceedings Book pp.114-118 http://otomasyon2005.emo.org.tr/etkinlik_bildiriler.php?etkinlikkod=4, November 11-12, 2005, Denizli, Turkey. (Oral Presentation)
2	**Levent PARALI**, Computer Aided Real Time Measurement System and Calibration; 2nd **Luminesans Dozimetry National Meeting** (Lumidoz 2), Agust, 21-23, 2008, Celal Bayar University Manisa. (Oral Presentation)
3	**Levent PARALI**, Sezai TAŞKIN, Murat Ahmet PİNAR, Visual Based Measurement System with FPGA Hardware, **5th International Advanced Technologies Symposium**, 13-15 May, 2009, Karabük-Turkey. (Poster Presentation)
4	Bekir Sadık ÜNLÜ, **Levent PARALI,** Ahmet Murat PİNAR, Pin Disc, Pin Plate, Pin-Ring Journal-Bearing Wear Test Rig Designed and Manufacturing**, 5th International Advanced Technologies Symposium,** 13-15 May, 2009, Karabük-Turkey. (Oral Presentation)
5	Ahmet Murat PİNAR, Abdulkadir GÜLLÜ, **Levent PARALI,** A. Faruk PİNAR**,** Modelling of Positioning Accuracy of Hydraulic Driven Curvilinear Motions**, 5th International Advanced Technologies Symposium,** 13-15 May, 2009, Karabuk-Turkey. (Oral Present.)
6	Pavel Kohout, Lukas Kouril, Jakup Navarik, Petr Novak, Jiri Pechousek, **Levent Parali**, Linearity of The Mössbauer Spectrum Velocity Scale Evaluation Utilizing Laser Vibrometer, **The International Conference on the Applications of the Mössbauer Effect ICEMA-2015**, Abstract Book, 13th to 18th September 2015, **Hamburg.** (Poster Presentation)
7	**Levent PARALI**, Ali SARI, Vibration Modelling of Piezoelectric Actuator (PEA) using Simulink Software, **2017 4th Inter**national **Conference on Electrical and Electronics Engineering (ICEEE 2017)**, (**Citing:14)** April 8-10, 2017, Ankara, Turkey. DOI: http://dx.doi.org/10.1109/ICEEE2.2017.7935811 (Oral Presentation)
8	Ali SARI, **Levent PARALI**, Jiri PECHOUSEK, Determining Energy Dissipation Characteristic of a Piezoelectric Actuator using Digital Measurement System, **2nd International Energy and Engineering Conference 2017**, 12-13 October, 2017, Gaziantep-Turkey. (Oral Presentation)
9	Merve Zeyrek ONGUN, **Levent PARALI**, Sibel OĞUZLAR, Serdar YILDIRIM, Fabrication and Characterization of High Sensitive Flexible β-PVDF Based Piezoelectric Nanogenerator, **1st International Balkan Chemistry Congress** (IBCC2018) in Edirne-Turkey, 17-20 September, 2018, Edirne (Oral Presentation)

10	**Levent PARALI**, Muhterem KOÇ, Ali SARI, Comparative evaluation of PVDF based piezoelectric nanogenerator (PNG) under various resistive loads for energy harvesting applications; **The 6th International Conference on Electrical Engineering – ICEE'2020**; September 25th to 27th, 2020, Istanbul Turkey. DOI: http://dx.doi.org/10.1109/ICEE49691.2020.9249795 (Online Presentation)
11	Çiğdem YENER, Fatma Betül KÖŞKER **Levent PARALI**, Cumhur Gökhan ÜNLÜ, Elastic Piezoelectric Nanogenerator Design, **The 17th Nanoscience & Nanotechnology Conference**, 27-29 August 2023, Izmir Institute of Technology, Izmir Türkiye (Oral Presentation). https://nanotr.org/en/
12	Ali SARI, **Levent PARALI**, Improving the output performance of self-poled PVDF-based piezoelectric nanogenerator through the additional poling process, **5th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2024),** https://www.eurasianscientech.org Proceedings Book pp.747-754 26-28 June 2024 Ankara-TURKEY (Online Presentation).

Article Published in National Refereed Journals-Others	
1	**Levent PARALI**, Plasma Technology (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, September-2004.
2	**Levent PARALI**, Microwave Technology ve Microwave Ovens (in Turkish), Journal of 3e Electrotech Energy- Electrics-Electronics Technologies, March-2005.
3	**Levent PARALI**, Camera Security Systems and Technological Improvements (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, December-2005.
4	**Levent PARALI**, DVD Technology, DVD Player and Recorder (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, March-2006.
5	**Levent PARALI**, Nanotechnology Overview and Nanoelectronics Structers (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, January-2007.
6	**Levent PARALI**, Structers of Microelectronic Transistors, Applications and Obstacles Reductions of Nano Dimensional (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, August-2007.
7	**Levent PARALI**, Programmable Real Time Distance Access Laboratories and Devices (in Turkish), Journal of 3e Electrotech Energy-Electrics-Electronics Technologies, May-2008.

Given National Seminars	
1	**Levent PARALI**, Digital Electronics-Plasma-TFT/LCD Televisions, Aksaray M.E.B, December 2003.
2	**Levent PARALI**, Metrology and Calibration, Elginkan, Center of Technical Education - Manisa, November 2007.
3	**Levent PARALI**, Metrology and Calibration, Elginkan, Center of Technical Education - Manisa, February 2008.
4	**Levent PARALI**, Computer Controlled Real Time Measurement Systems and Calibration, Celal Bayar University-Physics Department-Manisa, August 2008.
5	**Levent PARALI**, Metrology and Calibration, Celal Bayar University-Turgutlu Vocational School, Manisa, May 2010.
6	**Levent PARALI**, Metrology and Calibration, Celal Bayar University-Physics Department, Manisa, May 2011.
7	**Levent PARALI**, Metrology and Calibration, Elginkan, Center of Technical Education - Manisa, May 2013

8	**Levent PARALI,** Three Dimensional Layered Manufacturing Technology and Electronic Prototyping**,** Turkish Quarries-Manisa, February 2018.
9	**Levent PARALI**, Metrology and Calibration, Academic Ataff, Manisa Celal Bayar University - Manisa, November 2024.

ERASMUS + EU Programme for Education, Training, Youth, and Sport

Education and Culture
Lifelong Learning Programme
ERASMUS

ERASMUS – KA103- Higher Education student and staff mobility
Celal Bayar University-Turkey - Levent Paralı, Palacky University Olomouc- Czech Republic- Jiri Pechousek , Years: 2014-2020.

Education and Culture
Lifelong Learning Programme
ERASMUS

ERASMUS – KA107- Mobility of student and staff with partner countries
Celal Bayar University-Turkey - Levent Paralı, Azerbaijan Technical University - Mirza Abdul Kurbanov , Years: 2014-2020.

Education and Culture
Lifelong Learning Programme
ERASMUS

ERASMUS – KA103- Training Activity
Celal Bayar University-Turkey - Levent Paralı, Palacky University Olomouc- Czech Republic- Jiri Pechousek ,
Student: Vojtech Skoumal – (July.2021 - September.2021)
Nanotechnology Based Sensor Fabrications in Turkey.

Education and Culture
Lifelong Learning Programme
ERASMUS

ERASMUS – KA107- Mobility of staff with partner countries
Celal Bayar University-Turkey - Levent Paralı, Azerbaijan Khazar University – Farida Tatardar , 20-28, June, 2022

Books and Chapters in Books (in Turkish)

1	**Levent Paralı**, Book Name: Digital Electronics, Chapter: Memory, Year: 2007, Lisans Publishing ISBN: **978-9944-274-17-3**
2	**Levent Paralı**, Book Name: Microprocessor-Microcontroller-1, Chapter: Number Systems, Year: 2008, Lisans Publishing ISBN: **9978-9944-274-22-7**

International Scientific Workshops

1	Azerbaijan National Academy of Sciences, 1st. Workshop, "Multi functional photo-piezoelectric sensor's production and electronic measurements" December 1-4, 2012, Baku, Azerbaijan.
2	Azerbaijan National Academy of Sciences, 2nd. Workshop, "Polymer based hybrid piezo sensor's production" , May, 8-12, 2013, Baku, Azerbaijan.
3	Palacky University-Regional Centre of Advanced Technologies and Materials Faculty of Science, 1st. Workshop, "Calibration and Tracebility of Scintillation Detectors using Gamma Ray Digital Measurement System", September 7-14, 2013, Olomouc, Czech Republic.
4	Celal Bayar University-Electronics and Automation Department, 2nd Workshop (With Czech Republic), "Computer based Electronic Measurements of Piezoelectric Sensor", December, 8-14 2013, Turgutlu-Manisa, Turkey.

5	Celal Bayar University-Electronics and Automation Department, 3rd Workshop (With Czech Republic), "Defining of resonance/antiresonance frequencies on Piezoelectric Sensor", December, 7-11 2015, Turgutlu-Manisa, Turkey.
6	Palacky University-Regional Centre of Advanced Technologies and Materials Faculty of Science, 4th. Workshop, "Energy Harvesting Systems", May 9-13, 2016, Olomouc, Czech Republic.

RESEARCH PROJECTS				
	Project Number	**Foundation**	**Subject**	**Duty**
1	2007-087	SRC[1]	Computer Controlled Real Time Temperature Data Acquisition System - Completed	Investigator
2	2008-064	SRC[1]	Computer Controlled Real Time Measurement And Control Systems - Completed	Investigator
3	2008-123	SRC[1]	Establishment of OSL System, Calibration and Acquisition of Sample Spectra.	Investigator
4	2012-014	SRC[1]	Obtaining High-Resolution Radiation Spectroscopy by digital signal processing system - Completed	Director
5	2015-127	SRC[1]	Piezoelectric Sensors Vibration Characterization by a Digital Measurement System Based on Laser - Completed	Director
6	2015-016	SRC[1]	The Design, Fabrication and Characterization of Piezoelectric Sensors - Completed	Director
7	2020	TUBITAK-2242	Multifunctional Production Platform for Scaffolding Textures with Hybrid (Micro-Nano) Structures - Completed	Advisor
8	2022	TUBITAK-2242	Stereolithography- Completed	Advisor
9	2023	SRC[2]	Production of PVDF/PZT-based flexible piezoelectric nano-generators and improvement of their piezoelectric performance by multi-layer packaging method- Completed	Investigator

*SRC[1]: Scientific Research Council of Manisa Celal Bayar University.
** SRC[2]: Scientific Research Council of Kutahya Dumlupinar University.
** SRC[3]: Scientific Research Council of Ordu University.
***TUBITAK: The Scientific and Technological Research Council of Turkey.

PATENT APPLICATIONS		
Number		**Topic**
1	*2020/13984*	*Multifunctional Production Platform and Method for Scaffolding Textures with Hybrid (Micro-Nano) Structures* Protected.

PATENTED

TÜRK PATENT

TÜRK PATENT VE MARKA KURUMU

İNCELEMELİ PATENT

No: TR 2016 02813 B

Buluş Başlığı

PROGRAMLANABİLİR LOJİK KONTROLLÜ PİEZOELEKTRİK SENSÖR ÜRETİM SİSTEMİ VE YÖNTEMİ

Patent Sahibi

MANİSA CELAL BAYAR ÜNİVERSİTESİ STRATEJİ GELİŞTİRME DAİRE BAŞKANLIĞI

LEVENT PARALI

Bu patent, 6769 sayılı Sınai Mülkiyet Kanununun Geçici 1 nci maddesi uyarınca Mülga 551 sayılı Patent Haklarının Korunması Hakkında Kanun Hükmünde Kararname kapsamında 02/03/2016 tarihinden itibaren 20 yıl süre ile korunmak üzere 20/09/2022 tarihinde incelemeli olarak verilmiştir.

Cemil BAŞPINAR
Kurum Başkanı

MENTORING ACTIVITIES		
	Master Students	**Years**
1	Design of a Small-scale Piezoelectric Sensor Production System by using Programmable Logic Controller (PLC), Hussein Sayid Omar Hamza, **Dokuz Eylul University, Electrical and Electronic Engineering**, (Co-Adviser). Completed.	2016
2	Graphane Doped Nanofiber Production and Its Applications, Çiğdem Yener, **Pamukkale University, Biomedical Engineering**, (Co-Adviser). Completed.	2023

SCIENTIFIC COLLABORATIONS (INTERNATIONAL & NATIONAL)		
	Institute	**Years**
1	Azerbaijan National Academy of Sciences- Prof. Dr. Mirza Kurbanov.	2014
2	Palacky University Olomouc- Czechia - Assoc. Prof. Dr. Jiri Pechousek.	2015
3	Ege University- Electrical & Electronics Engineering- Assoc. Prof. Dr. Ulas Kilic.	2017
4	Dokuz Eylul University-Electrical & Electronics Engineering- Assoc. Prof. Dr. Ozge Sahin.	2017
5	Dokuz Eylul University - Mechanical Engineering- Prof.Dr. Levent Malgaca.	2018
6	Dokuz Eylul University - Center for Fabrication and Application of Electronics Materials- Assoc. Prof. Dr. Merve Zeyrek Ongun - Assoc. Prof. Dr. Sibel Oguzlar.	2018
7	Kutahya Dumlupınar University- Industrial Design- Assist. Prof. Dr. Muhterem Koc.	2020
8	Mugla Sıtkı Kocman University- Research and Application Centre for Research Laboratories- Prof. Dr. Selcuk Akturk – Dr. Cigdem Elif Demirci Donmez.	2022
9	Sivas Cumhuriyet University – Metallurgy Engineering- Assist. Prof. Dr. Erdem Akca.	2022
10	Azerbaijan Khazar University, School of Science and Engineering, Physics and Electronics Department, Assoc. Prof. Dr. Farida Tatardar.	2022
11	Pamukkale University, Biomedical Engineering, Assoc. Prof. Dr. C. Gokhan Unlu-Cigdem Yener.	2023
12	Azerbaijan National Academy of Sciences- Assoc. Prof. Dr. Nahida Nazim Musayeva- Sevinj Guluzade.	2023
13	Universidade Da Coruna-Spain- Assoc. Prof. Dr. Ana Isabel Ares Pernas	2025

JURY ACTIVITIES		
	Institute	**Year**
1	EGE University – Institute of Natural and Applied Sciences-Izmir Ansoumana Noumou DJITE- Obtaining Dynamic Circuit Model of Solar Cell- PhD Thesis Defense Exam.	2020
2	EGE University - Institute of Natural and Applied Sciences- Izmir Mücahit CANDAN- PhD Proficiency Exam.	2020
3	EGE University - Institute of Natural and Applied Sciences - Mechatronic Engineering- Izmir Coşkun AYDIN- MSc Thesis Defense Exam.	2022

4	EGE University - Institute of Natural and Applied Sciences - Mechatronic Engineering- Izmir Serkan PINAR- MSc Thesis Defense Exam.	2024
5	EGE University - Institute of Natural and Applied Sciences - Mechatronic Engineering- Izmir Levent BİLAL- MSc Thesis Defense Exam.	2024
6	EGE University - Institute of Natural and Applied Sciences - Mechatronic Engineering- Izmir Nafi GÖKTUĞ- MSc Thesis Defense Exam.	2024

EDITED JOURNALS		
	Name of Journal	**Years**
1	Celal Bayar University Journal of Science-ISNN: 1305-1385 - ULAKBIM	2015-2019

GIVEN COURSES		
	Course Name	**Credits**
1	Digital Electronics	
2	Digital Design	
3	Microprocessor – Microcontroller	
4	Programmable Logic Controller	
5	Fundamentals of Electronics	
6	Sensors-Actuators and Transdusers	
7	Entrepreneurship	

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