



Europass Curriculum Vitae

PERSONAL INFORMATION

Name	PETKOVIC Darko
Address	Branilaca Bosne 16A, 72 000 Zenica, Bosnia and Herzegovina village Toplik/Tilava, 71 123 Istočno Novo Sarajevo, Bosnia and Herzegovina
Telephone	+ 387 65 144 874 / + 387 32 449 120
Fax	+ 387 32 418 749 or + 387 32 444 431
E-mail	darko.petkovic@unze.ba or darko.petkovic@mail.com

Nationality at birth	Yugoslavia
Present nationality	Bosnia and Herzegovina

Date of birth [Day, month, year]	10.11.1960.
Place of birth	CRKVICA, ZENICA

Sex	Male
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Marital status	Married
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Dependants					
Name	Branka	Tara			
Date of birth [Day, month, year]	28.06.1972.	05.12.2002			
Relationship	wife	daughter			

WORK EXPERIENCE

- Dates March 2015. - onwards
- Name and address of employer **University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina**
- Type of business or sector Science, Development, Innovation, Entrepreneurship, Quality Assurance, The Design of Business Systems; Higher Education
- Occupation or position held Full Professor, Dr. Sci., Director
- Main activities and responsibilities Professor in the field of Production Systems (design and maintenance), Technologies, Logistics and Entrepreneurship
Director of the Innovation and Entrepreneurship Centre (TTO) at the University of Zenica

- Dates December 2010. – 01. March 2015.

<ul style="list-style-type: none"> • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities 	<p>University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina Science, Development, Innovation, Entrepreneurship, Higher Education Vice – Rector, Full Professor, Dr. Sci.</p> <p>Vice-rector for International Cooperation and QA at the University of Zenica Professor in the field of Production Systems, Technologies and Entrepreneurship Chief of the Chair for Maintenance</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities 	<p>November 2008- onwards Innovation and Entrepreneurship Centre at the University of Zenica, ul. Travnička 3, 72000 Zenica, Bosnia and Herzegovina TTO – Technology Transfer Office for the University of Zenica Full Professor, Dr. Sci.</p> <p>Director</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities 	<p>November 2004- December 2010. University of Zenica, ul. Fakultetska 3, 72000 Zenica, Bosnia and Herzegovina Science, Development, International Cooperation Vice – Rector, Associate Professor, Dr. Sci.</p> <p>Vice-rector for Science, Development and International Cooperation at the University of Zenica Chief of Laboratory for Technical Diagnostic at the Faculty of Mechanical Engineering</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities 	<p>February 1985 – October 2004. University of Sarajevo, Faculty of Mechanical Engineering in Zenica, ul. Fakultetska 1, 72000 Zenica, Bosnia and Herzegovina Scientific-educational, skill and investigations Ass. Professor Dr. Sci.</p> <p>Skill and scientific-investigation work in the filed of Factories Maintenance and Production Process Design Chief of Laboratory for Technical Diagnostic</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities 	<p>July 1984 – February 1985 BH Steel Company Zenica, Blast Furnaces Department, ul. Bulevar Kralja Tvrtka 17, 72000 Zenica, Bosnia and Herzegovina Skill operation in Maintenance Technolog for maintenance</p> <p>Vibration diagnosis of rotary equipment</p>
<ul style="list-style-type: none"> • Dates • Name and address of 	<p>September 1990 – December 1990 Polytechnic University of Ostrava, Faculty of Mechanical</p>

employer	Engineering in Ostrava and Steel Company Bohumin, Czech Republic
• Type of business or sector	Scientific Research and Production
• Occupation or position held	Researcher
• Main activities and responsibilities	Project : The Group Technology in the Mononblock Wheel Production
• Dates	August 1996 – April 1997
• Name and address of employer	Rheinsch-Westfaliche Technical University of Aachen, Laboratory for Machine Tools, Aachen, Steinbachstrasse 53, D-52 056 Aachen, Germany
• Type of business or sector	Project : Autonomous Production Cells (Project for German Government)
• Occupation or position held	Researcher
• Main activities and responsibilities	Autonomous Production Cell – The Integration of Gripping and Clamping Planning (subproject chief)
• Dates	September 1998 – June 1999
• Name and address of employer	Polytechnic University of Turin, Department of Production Systems, Corso Duca degli Abruzzi 24, 10129 Torino, Italy
• Type of business or sector	Project : The Measure of Producibility (Project for FIAT company)
• Occupation or position held	Researcher
• Main activities and responsibilities	The new model for calculation of producibility in the early designing phase.
• Dates	March 2000 – May 2000
• Name and address of employer	Polytechnic University of Turin, Department of Production Systems, Corso Duca degli Abruzzi 24, 10129 Torino, Italy
• Type of business or sector	Tempus project
• Occupation or position held	Professor at the course of Industrial Design
• Main activities and responsibilities	Courses and exams
• Dates	June 2000 – August 2000
• Name and address of employer	Polytechnic University Catalonia of Barcelona, Department of Mechanical Engineering and CIM Systems, Avda. Diagonal 647, E-08028 Barcelona, Spain
• Type of business or sector	Tempus project
• Occupation or position held	Work on the book "CIM Systems and Flexible Manufacturing"
• Main activities and responsibilities	Scientific - Research
• Dates	May 2003 – August 2003
• Name and address of employer	Polytechnic University Catalonia of Barcelona, CIM Center and Technology Park Valles, Llorens Artigas 4, Edifici U, 08028 Barcelona, Spain
• Type of business or sector	Tempus project
• Occupation or position	Work on the book "Technology Park – More than Place for Technology

- held
- Main activities and responsibilities

Transfer and SME's Development"
Scientific - Research

EDUCATION AND TRAINING

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification

1994 - 1999

University of Sarajevo, Sarajevo, Bosnia and Herzegovina;
University of Turin (Italy);
University of Novi Sad, Yugoslavia ; University of Aachen (Germany);

A Contribution to the Development of Production Systems with High Flexibility on the Base of Group Technology

PhD

Doctor of Technical Sciences

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1985 - 1992

University of Novi Sad, Yugoslavia ; Technical University of Ostrava, Czech Republic

The Investigation of Production Possibilities and Designing of the Wheel Optimum Model

Master of Technical Sciences -MSc

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1979 - 1984

University of Sarajevo, Bosnia and Herzegovina
Faculty of Mechanical Engineering in Zenica

The optimization Model of Machine Tools Maintenance Production Systems

Dipl.Ing. of Mechanical Engineering (4 ½ years)

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered

May-June 1999.

REFA, Darmstadt, Germany

PROZEßDATEMANAGEMENT (80 hours)

- Dates
- Name and type of organization providing education and training

June-July 1999.

REFA, Darmstadt, Germany

• Principal subjects/occupational skills covered

ARBEITSSYSTEM – UND PROZESSGESTALTUNG (80 hours)

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

Serbs

OTHER LANGUAGES

[Indicate level: excellent, good, basic.]

[Specify language]

• Reading skills

• Writing skills

• Verbal skills

English

good

Italian

good

Spanish

basic

German

basic

good

basic

basic

no

good

basic

basic

no

SOCIAL SKILLS AND COMPETENCES

- advanced knowledge in the domain of the doctorate (the design of business systems);
 - mastering the methods and techniques of advanced research;
 - knowledge related to the management of research projects;
 - mastering the new procedures and solutions in research;
 - understanding and applying the principles and values of scientific research ethics in the domain of the doctorate.
- communication skills, oral and written, in the field of scientific research;
 - use of information and communication technology;
 - management knowledge of human, material and financial resource- governance abilities;
 - knowledge of career management;
 - economic, technological and social entrepreneurship abilities and innovative attitudes.

ORGANISATIONAL SKILLS AND COMPETENCES

- MEMBER OF THE STEERING BOARD OF THE AGENCY FOR HIGHER EDUCATION DEVELOPMENT AND QUALITY ASSURANCE, WWW.HEA.GOV.BA (2006-2008)
- MEMBER OF THE STEERING BOARD AT THE TECHNOLOGY PARK INTERA MOSTAR (WWW.INTERA.BA)
- Member of Organizing and Scientific Board: International Congress TMT 1997-2017 – 20 conferences (Trends in Development Machinery and Technologies), University of Zenica, University of Bahcesehir/Istanbul and Polytechnic University of Barcelona (Spain)
- Member of Organizing and Scientific Board: International Congress Quality 1999-2015 (8 conferences), University of Zenica and University of Erlangen (Germany)
- Member of Organizing and Scientific Board: International Congress Business Systems Management 2004, 2006, 2008, University of

	<p>Mostar and Technical University of Vienna (Austria)</p> <ul style="list-style-type: none"> - Member of Organizing and Scientific Board: International Conference “Jahorina Business Days” 2012 -2018, University of East Sarajevo and Innovation and Entrepreneurship Centre at the University of Zenica - Member of the International Review Board of the Science projects nominated by Government of Italy - Member of the Evaluation Board nominated by ARACIS – Romania National Agency of Higher Education and Quality Assurance - Member of Expert Board of CEENQA (Central and Eastern European Network of Quality Assurance), Dusseldorf, Germany
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TECHNICAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> - Experts knowledge in the fields of: The Design of Production Systems, CIM technologies, Entrepreneurship, Logistics, Technical Diagnostic - The chief of project : The Scientific-Technology Park in Zenica-Dobo Canton, 2002 - The chief of project : The new industrial technologies in Zenica municipality, 2001, – Strategic plan - Project team member: Autonomous Production Cells, 1997/98, RWTH Aachen, Germany - Project team member : Measure of the Producibility, 1999, Polytechnic University of Turin, Italy - The chief of project : The Scientific-Technology Park in Montenegro, 2013, - Project team member : Strategy of the Development R&D in BIH, 2010-2015., Council of Ministries, BH - Project team member : Strategy of the Development R&D in FBiH in period 2011-2021; (Academy of Science and Arts of Bosnia and Herzegovina) - Project team member : Strategy of the RDI in SEE countries (World Bank, Washington, 2014/15) - Competent with most Microsoft computer programmes. - Competent with many computers programmes in the field of mechanical engineering and CNC programming. - Competent with using different measure devices for mechanical diagnostic as Bruel Kjaer, Schenk and PBS 380 vibroanalyzer, SPM analyzer, Bruel Kjaer phonometer, Laser alignment with Pruftechnik Optalign
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ARTISTIC SKILLS AND COMPETENCES	<p>Visiting art galleries, theaters and museums all round the world (e.g. I have visited London National gallery; Louvre Museum in Paris; Museum Picasso, Museum Dalli, Museum Joan Miro and Antoni Tapi in Barcelona; Gallery Uffizzi in Florence; Museum Saint Pietro de Viecholi in Milan; Sixten Capelle and Vatican in Rome; German Modern Gallery in Bonn; Rembrandt Museum in Amsterdam; Ermitraz Museum and National Gallery in Sank Petersburg; Borodin Museum in Moscow; National Gallery and Cartagena in Tunisia; Acropolis in Athens; Aja Sofia, Domabahce, Ataturk Mausoleum in Istanbul and Ankara, Technical Museum in Munich, Barcelona and Istanbul; Musem World War I in Kobarid; etc.), Opera La Scala in Miland, Liceu in Barcelona, Boljsoj Theatre in Moscow, Aeronautic Museum of Washington, Petra Unesco protected zone in Jordan; Many museums and holly places in Israel, Alhambra in Granada; Mountine Nemrud and Capadocia Turkey, Mardin city (UNESCO protection), etc.</p>
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OTHER SKILLS AND COMPETENCES	Enjoy all sports particularly football, basketball and skiing. Love to travel and make the acquaintance different countries, nationalities and cultures.
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DRIVING LICENCE(S)	Yes, (Class B)
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<p>ADDITIONAL INFORMATION</p>	<p>BOOKS AND PUBLICATIONS</p> <p>" THE MODERN METHODS OF TECHNICAL DIAGNOSIS - PROCEEDINGS", FACULTY OF MECHANICAL ENGINEERING, 1995</p> <p>"ANNUAL OF FACULTY OF MECHANICAL ENGINEERING", ZENICA, 1999, 2000, 2001, 2002 AND 2003</p> <p>"ANNUAL OF FACULTY OF THE UNIVERSITY OF ZENICA", 2004-2012.</p> <p>"TECHNOLOGY PARKS-MORE THAN PLACE FOR TECHNOLOGY TRANSFER AND SME DEVELOPMENT", UNIVERSITY OF SARAJEVO, 2004.</p> <p>"QUALITY ASSURANCE IN HIGHER EDUCATION – CHALLENGES AND MISUNDERSTANDING", UNIVERSITY OF ZENICA, 2008.</p> <p>"VIBRATION TECHNICAL DIAGNOSTIC – NEW METHOD FOR VIBRATION LEARNING" –UNIVERSITY OF ZENICA AND UNIVERSITY OF MOSTAR, 2010.</p> <p>"ENTREPRENEURSHIP- USER GUIDE" – UNIVERSITY OF ZENICA, 2010.</p> <p>" GENERAL CONCEPT OF MAINTENANCE" – UNIVERSITY OF ZENICA, 2011.</p> <p>"RCM CONCEPT OF MAINTENANCE" - UNIVERSITY OF ZENICA, 2012.</p> <p>"UNIVERSITY RANKING – NEW APPROACH TO QA – UNIVERSITY OF EAST SARAJEVO, PUBLISHED, 2017.</p> <p>HOW TO DEVELOP ENTREPRENEURIAL ACTIVITIES; INNOVATION CENTRE, UNZE 2017.</p> <p>"TECHNICAL DIAGNOSTICS - UNIVERSITY OF MOSTAR, FACULTY OF MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING AND INFORMATICS, 2022.</p> <p>PROJECTS, ARTICLES, EXPERTISE'S</p> <p>More than 500 articles, expertise's and projects presented at the national and international conferences or finished for companies.</p> <p>THE MOST IMPORTANT FACTORY and BUSINESS VISITS:</p> <p>JUGOALAT – NOVI SAD, SERBIA, 1986.</p> <p>AUTOKOLA NHKG – Nova Hutt, Czech Republic 1990.</p> <p>GILDEMEISTER – Bielefeld, Germany, 1996.</p> <p>HELLA – Lipstadt, Germany, 1996.</p> <p>FORD – Keln, Germany, 1996.</p> <p>THYSSEN – Duisburg, Germany, 1997.</p> <p>SAINT GOBAN – Herzongart, Germany, 1997.</p> <p>VOLKSWAGEN – Hanover and Wolfsburg, Germany 1997.</p> <p>PROCTER&GAMBLE – Colonge, Germany, 1997.</p> <p>DROEGER – Lubeck, Germany 1997.</p> <p>LUFTHANSA, Hamburg, Germany, 1997.</p> <p>BLOHM, Hamburg, Germany, 1996.</p> <p>FIAT – Mirafiori, Torino, Italy 1998/99.</p> <p>IVECO, Torino, Italy, 1999.</p> <p>RENAULT-Revoz, Novo Mesto, Slovenia 1989/1999.</p> <p>SEAT, Martarol, Spain, 1998/2000.</p> <p>NISSAN –Iberica, Spain, 2000.</p> <p>SINTERMETAL, Ripoll, Spain, 2000.</p> <p>AUDI - Ingolstadt, Germany 2000.</p> <p>SIEMENS - Erlangen, Germany , 2000.</p> <p>AMES, Barcelona Spain, , 2002</p> <p>Technology Park Valles, Spain, 2002.</p> <p>ZF/Comesa, Barcelona, Spain, 2003.</p> <p>PEGASO-IVECO, Zona Franca, Barcelona, Spain, 2003.</p>
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	<p> TUVASAS, Railway engine factory, Turkey, 2004. ASAS, Aluminium industry, Adapazar, Turkey, 2004. LVD Gulegem, Belgium, 2007. Mercedes, Istanbul, Turkey, 2009 IT Technology Park, Paderborn, Germany 2011 Business zone Essen, Germany, 2011, German Business Angel Association, Bonn-Essen, Germany, 2011 Science Technology Park, Valles, Spain, 2011 Science Technology Park, Girona, Spain, 2012. Science Technology Park, Lleda, Spain, 2012. Agriculture and Food Technology Park, Lleida, Spain, 2012 Science and Technology Park in Vigo, Spain, 2013. Science-Technology park Chicago,, USA, 2014 Innovation centre at the Philadelphia, USA, 2014 Technology parks at the Hohenheim University, Germany, 2015. Science and Technology Parks at Sofia, Bulagaria, 2015. Technology park at the BOKU University of Vienna, Austria, 2015. NISSAN Ibercica, Zona Franca, Barcelona, Spain, 2016. Science and Technology Park i Alicante, Spain, 2016. Science and Technology Park in Madrid, Spain, 2016. Ministry of Education, Webometrics ranking Institute, Madrid, Spain, 2016. Porto Design Factory – PDF, Innovation Centre, Porto, Portugal, 2016. Science Park Trieste, Italy, 2017. Science and Technology Park, Thesaloniki, Greece, 2017. ECOMONDO, Logistics, Energy Efficiency and Recycling Technologies World Fair, Rimini, Italy, 2018. BIESSE Factory – Wood processing machine production, Pesaro, Italy, 2018. Wirutex, Diamond Tools, Pesaro, Italy, 2018. MCT Tools, Pessaro, Italy, 2018. MIELE, Gutersclosch, Germany, 2018. Hyndai RDI Center, Frankfurt, Germany, 2019. Science Tehnology Park La Cartuja, Sevilla, Spain, 2019. Science Technology Park Novi Sad, Serbia, 2021. Science Technology Park Zvezdara, Belgrade, Serbia, 2021. FIAT Company, Kragujevac, Serbia, 2021. </p> <p>Study visits (or research projects) of the most famous universities:</p> <p> University of Ostrava, 1988/90, Czech Republic, (master research) Rheninsch-Westfaliche Technische Hochschule - Technical University of Aachen, RWTH Aachen, 1997/98 (PhD reaserch) Polytehnica University of Turin - Politecnico di Torino, Italy, 1998/99/2008/2010. (PhD research) Universidad Politecnica de Catalynia Barcelona (UPC)- Technical University of Barcelona, Spain, 1999, (PhD reaserch) Lomonosov Univerzitet – Moskva, Russia, 1987. i 2011. (study visit) University Fridrich-Alexasander Erlangen-Nuremberg, Germany, 2000. (study visit) Technical University Munchen-Garching, 2000. (study visit) University of Oslo, Norway, 2003. (study visit) University of Bahcesehir, Istanbul, Turkey, 2004. (summer school) University of Sakarya, Turkey 2004 (study visit) University College of Porgsrunn, Norway, 2002 (study visit) Ka-Ho Saint Lieven University, Ghent, 2005/2006/2008/2010/2011/2012/2014/2015/2016 Belgium (projects) </p>
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	Philips University of Marburg, Germany, 2005/2007 (projects) University of Primorska Kopar, Slovenia 2008/10, (projects) University of Ljubljana, Slovenia, 2008-2010 (projects)
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<p style="text-align: center;">ANNEXES</p>	<p>University College of Cork, Ireland, 2007/2009/2011 (projects)</p> <p>University of Girona., Spain, 2007/2009/2012 (projects)</p> <p>University of Vienna, Austria, 2013 /2016 (projects)</p> <p>University of Ghent, Belgium, 2005/2010 (project)</p> <p>University of Maribor, Slovenia, 2012 (project)</p> <p>University of Porto, Portugal 2008/2012 (project)</p> <p>University of Yerevan, Yermenia, 2012 (conferences)</p> <p>University of La Sappienza, Roma 1, Roma , Italia, 2011 (study visit)</p> <p>Yildiz Technical University, Istanbul, 2014. (projects)</p> <p>University of Applied Sciencies Gelsenkirchen, Germany, 2011 (study visit)</p> <p>Polytechnic University of Porto, Portugal, 2012 (projects)</p> <p>University of Villnus, Litvania, 2012 (conference)</p> <p>State University of Illinois, Chichago, USA, 2014 (study visit)</p> <p>University of George Washington, USA, 2014 (study visit)</p> <p>University of Heidelberg, Germany, 2012/14 (project)</p> <p>Polytechnic University of Tirana, Albania, 2013 (project)</p> <p>Technical University of Graz, Austria, 2004/2010/14 (project)</p> <p>University of Palermo, Italy, 2012/2014 (project)</p> <p>University of Paderborn, Germany, 2007/2014 (project)</p> <p>University of Vigo, Spain, 2014 (projects)</p> <p>Penn University of Philadelphia, USA, 2014 (study visits)</p> <p>University of Salamanca, Spian, 2012 (conferences)</p> <p>University Drexler, Philadelphia, USA, 2014 (study visit)</p> <p>University of Presov, Slovakia, 2015 (project)</p> <p>Polytechnic University of Bucharest, Romania,, 2015 (study visit)</p> <p>Technical University of Civil Engineering, Bucharest, Romania, 2015 (accreditation)</p> <p>University of Skhodra, Albania, 2015 (project)</p> <p>University of Alicante, Spain, 2016. (project)</p> <p>Catholic University of Leuven, Belgium, 2016. (project)</p> <p>University of Vigo, Spain, 2016. (project)</p> <p>Technical University of Madrid, Spain, 2017. (Study visits)</p> <p>University of Pecs, Hungary, 2017. (Study visits)</p> <p>Polytechnic University of Tirana, Albania, 2017. (study visit)</p> <p>University of Durres, Albania, 2017. (study visit)</p> <p>University of Trieste, Italy, 2017. (conference)</p> <p>University of Belgrade, Serbia, 2017. (study visit)</p> <p>University of Kragujevac, Serbia, 2017. (study visit)</p> <p>University of Moscow, Russia, 2017. (study visit)</p> <p>Mining University of Saint Peterburg, Russia, 2017. (study visit)</p> <p>University of Thesaloniki, Greece, 2017. (study visit)</p> <p>University of Maribor, Slovenia, 2018. (conference Dual Education)</p> <p>University of Amman, Jordan, 2018. (study visit)</p> <p>University of Jerusalem, Israel, 2018. (study visit),</p> <p>Catholic University of Leuven, Belgium, 2018. (project)</p> <p>University of Applied Sciencies Ostwestfalen-Lippe, Lemgo, Germany, 2018.(conference)</p> <p>University of Bologna, Italy, 2018. (study visit)</p> <p>University of Urbino, Italy, 2018. (study visit)</p> <p>University of Izmir, Turkey, 2018. (study visit)</p> <p>University of Konya, Turkey, 2018. (study visit)</p> <p>Croatian Academia of Science and Arts, Zagreb, 2019 (Conference Dual Education)</p> <p>Technical University of Mittelhessen, Germany, 2019 (study visit)</p> <p>Technical University of Istanbul, Turkey, 2019 (study visit)</p> <p>University of Granada, Spain, 2019 (study visit)</p> <p>Lurasi University of Tirana, 2020 (project visit)</p>
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	Harran University of Sinliurfa, Turkey, 2021 (study visit) University of Mardin, Turkey, 2021 (study visit) Dicle University of Dyjarbakir, Turkey, 2022
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