


CURRICULUM VITAE

1. Family Name:	Lajqi	
2. First Name:	Shpetim	
3. Nationality:	Albanian	
4. Citizen:	Kosovar	
5. Date of Birth:	11.04.1977	
6. Gender:	Male	
7. Contact details::		
	<i>E-mail:</i> shpetim.lajqi@uni-pr.edu <i>Tel:</i> 044 259 771	
8. Education Degree:		
<i>Institution:</i>	University of Maribor, Faculty of Mechanical Engineering, Maribor, Slovenia	
<i>Degree Date:</i>	15.03.2013	
<i>Degree / Doctorate thesis:</i>	<i>Doctor of Science in Mechanical Engineering</i> Suspension and Steering System Development of a Four Wheel Drive and Four Wheel Steered Terrain Vehicle.	
<i>Institution:</i>	University of Prishtina, Faculty of Mechanical Engineering, Prishtina, Kosovo	
<i>Degree Date:</i>	12.09.2008	
<i>Degree / Magister thesis:</i>	<i>Magister of Technical Science</i> Planetary Transmissions Combined with Continuously Variable Transmission in Hybrid Electric Vehicle.	
<i>Average Study</i>	9.77 (nine 77/100)	
<i>Institution:</i>	University of Prishtina, Faculty of Mechanical Engineering, Prishtina, Kosovo	
<i>Degree Date:</i>	26.06.2002	
<i>Degree / Diploma title:</i>	<i>Graduate Mechanical Engineer</i> Determining of the reactions and dimensioning of the crank shaft for Perkins Engine P-4 Massey-Ferguson.	
<i>Average Study</i>	9.20 (nine 20/100)	
9. Academic Degrees:		
<i>Academic title:</i>	Associate Professor	
<i>Institution:</i>	University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, Kosovo	
<i>Date of election:</i>	05.03.2020	
<i>Academic title:</i>	Professor Assistant	
<i>Institution:</i>	University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, Kosovo	
<i>Date of election:</i>	08.05.2015	
<i>Academic title:</i>	Assistant	
<i>Institution:</i>	University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, Kosovo	
<i>Date of election:</i>	09.03.2011	
<i>Academic title:</i>	New Assistant	
<i>Institution:</i>	University of Prishtina, Faculty of Mechanical Engineering	
<i>Date of election:</i>	05.10.2007	

<i>Academic title:</i>	Teaching Assistant
<i>Institution:</i>	University of Prishtina, Faculty of Mechanical Engineering
<i>Date of election:</i>	01.07.2003

10. Scientific Publications:

Shpetim Lajqi - SCOPUS ID: <https://www.scopus.com/authid/detail.uri?authorId=55554103000>

Shpetim Lajqi - WEB of SCIENCE Publons ID: <https://publons.com/researcher/3181908/shpetim-lajqi/>

Shpetim Lajqi - ORCID ID: <https://orcid.org/0000-0001-5091-2460>

Shpetim Lajqi - WorldCat ID: <https://www.worldcat.org/profiles/shpetim.lajqi@uni-pr.edu/lists/3966360>

10.a. Publications/Scientific Papers/International Researches:

- [1]. **Shpetim Lajqi**, Agron Sylja, Naser Lajqi, Gazmend Krasniqi. *Impact of the Number of Passengers in the Vehicle Braking Performances Equipped with Modern Mechatronics Braking System*. International Scientific Journal "MACHINES. TECHNOLOGIES. MATERIALS", Vol. 15 (2021), Issue 6, pg(s) 219-222, <https://stumejournals.com/journals/mtm/2021/6/219.full.pdf>.
- [2]. Ilir Doçi, **Shpetim Lajqi**, Shkumbin Makolli, Burim Bibaj. *Scissor lift dynamic analysis and motion regulation for the case of lifting with maximum load*. International Scientific Journal "TRANS & MOTAUTO WORLD", Vol. 6 (2021), Issue 2, pg(s) 38-42, <https://stumejournals.com/journals/tm/2021/2/38.full.pdf>.
- [3]. Ramadan Mazrekaj, **Shpetim Lajqi**, Fevzi Mema, Naser Lajqi. *The Influence of the Vehicle Shock Absorber Wearing on the Performance of the Braking System – A Case Study*. International Journal on Engineering Applications, Volume 9, No 3 (2021), pp. 137-147, DOI: <https://doi.org/10.15866/irea.v9i3.20493>.
- [4]. **Shpetim Lajqi**, Qëndresa Bresa, Arlinda Bresa, Ilir Doçi, Bojan Đuring. *Design, Implementation and Analysis of the Overall Performance of a Micro Hydro Turgo Turbine*. Journal of Thermal Engineering, Journal of Thermal Engineering, Yildiz Technical University Press, Istanbul, Turkey, Vol. 7, No. 4, pp. 806-822, May, 2021, DOI: <https://doi.org/10.18186/thermal.929958>.
- [5]. Bojan Đurin, **Shpetim Lajqi**, Lucija Plantak, Nikola Kranjčić. *Using Solar Photovoltaic Energy for Irrigation: A Review of the Application*. Advances in Environmental Studies, 2020, ISSN: 2642-4231, 4(2):358-367, DOI: <https://doi.org/10.36959/742/232>.
- [6]. **Shpetim Lajqi**, Bojan Đurin, Xhevat Berisha, Lucija Plantak. *Analysis of the potential for renewable utilization in Kosovo power sector*. Environments - MDPI, 2020, 7(6), pp. 1–16, 49, DOI: <https://doi.org/10.3390/environments7060049>.
- [7]. Ilir Doçi, **Shpetim Lajqi**, Gazmend Krasniqi. *Stability Analysis of Tower Crane During Rotational Motion and Influence of Wind*. International Review of Mechanical Engineering, 2018, Vëllimi 12, Nr. 11, faqe: 910-919, ISSN: 1970-8734, DOI: <https://doi.org/10.15866/ireme.v12i11.16002>.
- [8]. Bojan Đurin, **Shpetim Lajqi**, Lucija Plantak. *'Worst month' and 'critical period' methods for the sizing of solar irrigation systems - A comparison*. Revista Facultad de Ingeniería, Universidad de Antioquia, 2018, Vëllimi 88, faqe: 100-109, ISSN 0120-6230, <http://dx.doi.org/10.17533/udea.redin.n88a11>.
- [9]. Ilir Doçi, Naser Lajqi, **Shpetim Lajqi**. *Crawler Crane Overturning Analysis for the Case of Boom Luffing Motion*. International Review of Mechanical Engineering 2018, Vëllimi 12, Nr. 2, faqe: 135-141, ISSN: 1970-8734, <https://doi.org/10.15866/ireme.v12i2.14358>.
- [10]. Ilir Doçi, **Shpetim Lajqi**. *Rotational Motion of Tower Crane - Dynamic Analysis and Regulation Using Schematic Modeling*. International Scientific Journal MATHEMATICAL MODELING 2018, Vëllimi 2, (1), faqe: 21-25, ISSN 2535-0986, <http://stumejournals.com/journals/mm/2018/1/21/pdf>.

- [11]. Naser Lajqi, **Shpetim Lajqi**. *Modeling and Simulation of the Terrain Vehicle with four Wheel Steering*. ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering, Vol. 10, Iss. 4, pp. 17-24, 2017, <http://acta.fih.upt.ro/pdf/archive/ACTA-2017-4.pdf>.
- [12]. Naser Lajqi, **Shpetim Lajqi**. *The Methodology for Vehicles Parking Analysis: Case study – city of Prishtina*. International Journal for science, technics and innovations for the industry - MACHINES TECHNOLOGIES MATERIALS, Scientific Technical Union of Mechanical Engineering “INDUSTRY 4.0”. Vol. 10, Iss. 4, pp. 17-24, 2017, Issue 10, pp.499-503, 2017, ISSN 1313-0226, <https://stumejournals.com/journals/mtm/2017/10/499.full.pdf>.
- [13]. Naser Lajqi, **Shpetim Lajqi**. *Design Process for the Suspension System of the Terrain Vehicle with Four Wheel Drive*. International Journal for science, technics and innovations for the industry - MACHINES TECHNOLOGIES MATERIALS, Scientific Technical Union Of Mechanical Engineering “INDUSTRY 4.0”. Issue 10, pp. 477-480, 2017, ISSN 1313-0226, <https://stumejournals.com/journals/mtm/2017/10/477.full.pdf>.
- [14]. Naser Lajqi, **Shpetim Lajqi**. *The Application of Vibration Analysis for Diagnosis of Bearings and Gears of the Rear Axle Assembly of the Passenger Cars*. International Scientific Journal Trans & MOTAUTO WORLD, Scientific Technical Union of Mechanical Engineering “INDUSTRY 4.0”. Issue 4, pp. 143-146, 2017, ISSN 2367-8399, <https://stumejournals.com/journals/tm/2017/4/143.full.pdf>.
- [15]. **Shpetim Lajqi**, Bojan Đurin, Lucija Baic, Ilir Doçi, Naser Lajqi, Drilon Meha. *Critical Period Method – Innovative Method for sizing of the Irrigation Systems: Case Kosovo*. International Scientific Journal – Mechanization in Agriculture & Conserving of the Resources, Scientific Technical Union of Mechanical Engineering “INDUSTRY 4.0”. Issue 4, pp. 157-160, 2017, ISSN 0861-9638, <https://stumejournals.com/journals/am/2017/4/157.full.pdf>.
- [16]. **Shpetim Lajqi**, Xhemajl Fejzullahu, Naser Lajqi, Hestet Hajdini. *Analysis of the Mini Turgo Hydro Turbine Performance for different Working Regimes*. International Journal of Contemporary ENERGY. Volume 3, Nr. 1, pp: 1-8, 2017, http://contemporary-energy.net/Articles/v03n01a01_-Shpetim-Lajqi.pdf.
- [17]. Naser Lajqi, Ilir Doçi, **Shpetim Lajqi**, Burim Vrajolli. *The influence of lubrication oils and filters on the oils pressure, temperatures and flow during engine warm-up at summer condition*. International Journal for science, technics and innovations for the industry - MACHINES TECHNOLOGIES MATERIALS, Scientific Technical Union of Mechanical Engineering. Volume 10, pp: 12-15, 2016, ISSN 1313-0226, <https://stumejournals.com/journals/mtm/2016/10/13.full.pdf>.
- [18]. Beqir Hamidi, Naser Lajqi, **Shpetim Lajqi**, Lindita Hamidi. *The Dynamic Modeling of a Subsystem for the Upper Supporting Structure of a Bucket Wheel Excavator*. ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering . Vëllimi 14, Nr. 1, 2016, faqe: 153-158, <http://annals.fih.upt.ro/pdf-full/2016/ANNALS-2016-1-25.pdf>.
- [19]. **Shpetim Lajqi**, Naser Lajqi, Beqir Hamidi. *Design and Construction of Mini Hydropower Plant with Propeller Turbine*. International Journal of Contemporary ENERGY. Vëllimi 2, Nr. 1, faqe: 1-13, 2016, http://contemporary-energy.net/Articles/v02n01a01_-Shpetim-Lajqi-et-al.pdf.
- [20]. Agon Y Mekaj, Arsim A Morin, **Shpetim Lajqi**, Suzana M.-Kerliu, Fatos M Kelmendi, Shkelzen B Duci. *Biomechanical properties of the sciatic nerve following repair: effects of topical application of hyaluronic acid or tacrolimus*. Int J Clin Exp Med. Vëllimi 8, Nr. 11, faqe: 20218-20226, 2015, <http://www.ijcem.com/files/ijcem0013809.pdf>.
- [21]. Shkelzen Duci, Hysni Arifi, Hasan Ahmeti, Suzana Man.-Kerliu, Burim Neziri, Agon Mekaj, **Shpetim Lajqi**, Labinot Shahini. *Biomechanical and Macroscopic Evaluations of the Effects of 5-Fluorouracil on Partially Divided Flexor Tendon Injuries in Rabbits*. Chinese Medical Journal. Vëllimi 128, Nr. 12, faqe: 1655-1661, 2015, http://www.cmj.org/temp/ChinMedJ128121655-5574023_152900.pdf.
- [22]. Ylber Shabani, Shaqir Elezaj, Naser Lajqi, **Shpetim Lajqi**. *Application of Diagnostic Methods for the rear drive axle of the passenger cars*. International Journal of Mechanical Engineering & Technology (IJMET) vëllimi: 4, Nr. 6, 2014, faqe: 214-222, <http://www.iaeme.com/IJMET.asp>.

- [23]. **Shpetim Lajqi**, Stanislav Pehan, Naser Lajqi, Beqir Hamidi. *Modelling, simulation and sensitive analyzing of the terrain vehicle suspension system*. Annals of Faculty Engineering Hunedoara – International Journal of Engineering , Fascicule 2, Tome XI/2013, faqe: 55-62, 2013, <http://annals.fih.upt.ro/pdf-full/2013/ANNALS-2013-2-07.pdf>.
- [24]. **Shpetim Lajqi**, Stanislav Pehan, Naser Lajqi, Afrim Gjellaj, Jože Pšeničnik, Sašo Emin. *Design of Independent Suspension Mechanism for a Terrain Vehicle with Four Wheels Drive and Four Wheels Steering*. Annals of Faculty Engineering Hunedoara – International Journal of Engineering/Fascicule1 Fascicule1, Tome XI/2013, faqe: 101-108, 2013, <http://annals.fih.upt.ro/pdf-full/2013/ANNALS-2013-1-12.pdf>.
- [25]. **Shpetim Lajqi**, Stanislav Pehan. *Designs and Optimizations of Active and Semi-Active Non-linear Suspension System for a Terrain Vehicle*. Strojniški vestnik - Journal of Mechanical Engineering. Vëllimi 58, nr. 12, faqe: 732-743, 2012, <http://www.sv-jme.eu/current-volume/sv-jme-58-12-2012>.
- [26]. **Shpetim Lajqi**, Jürgen Gugler, Naser Lajqi, Ahmet Shala, Ramë Likaj. *Possibilities Experimental Method to Determine the Suspension Parameters in a Simplified Model of a Passenger Car*. International Journal of Automotive Technology . Vëllimi 13, nr. 4, faqe: 615-621, 2012, <http://link.springer.com/article/10.1007%2Fs12239-012-0059-7>.

10.b. Publications from Congresses, Conferences, Symposiums, Seminars, Workshops in International

- [1]. Naser Lajqi, **Shpetim Lajqi**, Arian Rama. *Influence of the Different Brands of Braking Pads in Performance of Vehicle Braking System*. XXX International Scientific Conference trans&MOTAUTO '21; 21-24.06.2021, trans&MOTAUTO, pp. 79-84, Varna, Bulgari, <http://trans-motauto.com/sbornik/2021.pdf>.
- [2]. Ilir Doci, **Shpetim Lajqi**. *Adopting Labor Market requirements in Mechanical Engineering Education – Case of the Faculty of Mechanical Engineering in Kosovo*. International Conference on Life Sciences, Engineering and Technology, ILSET2021, April 2021, New York, USA, <https://www.2021.ilset.net/>.
- [3]. Ilir Doçi, **Shpetim Lajqi**. *Aerodynamic Analysis of the Transportation Truck Moving Under the Influence of Side Wind Using Modelling and Simulations*. Proceedings of ICEESEN 2020, 19-21 Nëntor 2020, Kayseri-Turkey, <https://iceesen.com/Proceeding/Index>.
- [4]. **Shpetim Lajqi**, Qëndresa Bresa, Arlinda Bresa, Ilir Doçi. *Multi-criteria Analysis of the Overall Performance and Implementation of a Mini Hydro Turgo Turbine*. The 5st International Conference on Advances in Mechanical Engineering: ICAME 2019, 17-19 December 019, Istanbul, Turkey.
- [5]. Ilir Doçi, **Shpetim Lajqi**, Makfire Dobratiqi. *Dynamic Analysis and Rotational Regulation of Small Construction Crane Using Schematic Modelling*. The 5st International Conference on Advances in Mechanical Engineering: ICAME 2019, 17-19 December 2019, Istanbul, Turkey.
- [6]. **Shpetim Lajqi**, Bojan Đurin, Naser Lajqi, Drilon Meha, Lucija Baić. *Study of the Hydropower Potential for Construction of Small Hydro Power Plant Study Case: “Prizreni 4”, Kosovo*, REMOO–2018-01.085.1-17, The 8th International Conference & Workshop REMOO–2018, Quest for Energy ISBN 978-3-9818275-8-3, 29-31 May 2018, VENICE, ITALY.
- [7]. Gazmend Krasniqi, Cvete Dimitrevsk, **Shpetim Lajqi**, Korab Krasniqi. *Investigation of wind potential in two different locations, Kosovo*. REMOO–2018-01.032.1-10, The 8th International Conference & Workshop REMOO–2018, Quest for Energy ISBN 978-3-9818275-8-3, 29-31 May 2018, VENICE, ITALY.
- [8]. Korab Krasniqi, Tone Tashevski, **Shpetim Lajqi**, Gazmend Krasniqi. *Influence of the Outside Heating Surfaces Fouling on the Steam Generator Performance in Power Plant – Kosovo B*. REMOO–2018-01.038.1-10, The 8th International Conference & Workshop REMOO–2018, Quest for Energy ISBN 978-3-9818275-8-3, 29-31 May 2018, VENICE, ITALY.
- [9]. Bojan Đurin, **Shpetim Lajqi**, Lucija Baić, Meha Drilon, Naser Lajqi. *Hydropower plants and solar photovoltaic systems: Optimization of mutual functioning*. All-Energy 2018, Expedition and Conference, Glasgow, Scotland, 02-03.05.2018.

- [10]. Lucija Baić, Bojan Đurin, **Shpetim Lajqi**, Drilon Meha. *Comparison of irrigation system sized by innovative method CPM with the traditional irrigation system*. The 3rd Global Conference on Engineering and Technology. Contemporary Issues in Engineering & Technology Research - CIETR – 2017, 4th to 5th December 2017, Bangkok, Thailand.
- [11]. **Shpetim Lajqi**, Drilon Meha, Xhevat Berisha, Bojan Đurin, Lucija Baić. *The Infrastructure of Renewable Energy Sources for Sustainable Development in Kosovo*. The 2th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES Conference, 4-8 October 4-8, 2017, Dubrovnik, Croatia
- [12]. Bojan Đurin, **Shpetim Lajqi**, Lucija Baić. *Contribution to the Sustainability of Solar Photovoltaic Irrigation Systems: Agronomy Case Study*. Climate Changing Agriculture International Conference. CHANIA GREECE, Conference Proceedings Book, 29 August – 2 September, 2017, pp. 104-108, 2017.
- [13]. Shpetim Lajqi, Shaqir Elezaj, Bojan Đurin, Naser Lajqi. *Reconstruction of the Micro Pelton Hydro Turbine and Regulation of Working Conditions by Electronic Load Controller*. The 7th International Conference & Workshop, REMOO-2017, Conference Proceedings Book, 10-12 May 2017, VENICE / ITALY.
- [14]. **Shpetim Lajqi**, Azem Kyçyku, Naser Lajqi. *Commercial Efficiency Improvement in Kosovo Water Utilities Sector*. The 16th International Multidisciplinary Scientific Geoconference - SGEM 2016, VIENNA GREEN HOFBURG 2016, Volume III, Book 3, pp: 53-60, 02-05 November 2016, Vienna, Austria.
- [15]. Azem Kyçyku, Naser Lajqi, **Shpetim Lajqi**, Gani Beqiri. *Influence of the Vehicles Speed in the Light Absorption Coefficient of the Exhaust Gases Emitted by Diesel Engine in Territory of the Republic of Kosovo*. The 16th International Multidisciplinary Scientific Geoconference - SGEM 2016, VIENNA GREEN HOFBURG 2016, Volume III, Book 4, pp: 129-135, 02-05 November 2016, Vienna, Austria.
- [16]. **Shpetim Lajqi**, Stanislav Pehan, Xhemajl Fejzullahu. *Design and Production of the Testing System of the Mini-Hydroelectric Power Station with Turgo Turbine*. The 4th International Conference & Workshop "Energy Infrastructure Development" REMOO 2014, 12-13 November 2014, Ljubljana, Slovenia.
- [17]. **Shpetim Lajqi**, Stanislav Pehan, Naser Lajqi, Afrim Gjellaj, Jože Pšeničnik, Saso Emin. *Design of Independent Suspension Mechanism for Terrain Vehicle with Four Wheels Drive and Four Wheel Steering*. The 4th International Scientific Conference, Management of Technology Step to Sustainable Production, MOTSP 2012. 2012, Zader, Croatia, MOTSP 2012, pp: 230-237.
- [18]. **Shpetim Lajqi**, Stanislav Pehan, Jože Pšeničnik, Naser Lajqi. *Tracking the Prescribed Path Through an Autonomous Mobile Robot with Four Wheel Steering*. The 3rd International Scientific Conference, Management of Technology Step to Sustainable Production, MOTSP 2011. 2011, Bol, Croatia, MOTSP 2011, pp: 94-101.
- [19]. Bashkim Baxhaku, Naser Lajqi, **Shpetim Lajqi**, Hajredin Tytyri. *Possibility of Reduction Emissions of Pollutants in Urban Areas*. The 1st International Scientific Conference on Engineering Manufacturing and Advanced Technologies" MAT 2010, 2010, Mostar, B&H, MAT 2010, pp: 53-57.
- [20]. **Shpetim Lajqi**, Jürgen Gugler, Naser Lajqi, Ahmet Shala, Ramë Likaj. *Experimental Possibilities for Determination of Suspension Parameters by the Simplified Model of Passenger Car*. The 2nd International Scientific Conference, Management of Technology Step to Sustainable Production, MOTSP 2010, 2010, Rovinj, Croatia.

10.c. Publications/Scientific Papers/Researches in region:

- [1]. Naser Lajqi, **Shpetim Lajqi**, Gjellaj Vataj, Avdiu Arben. *The influence of Cavitation's Phenomenon and Water Hammer in Pumping Station of Mitrovica*. Journal of Institute Alb-Shkenca – AKTET, ISSN 2073-2244, Vol. 4, Nr. 2, 2011, pp: 359-365. <http://alpa.mali-it.eu/journal/aktet/vol/?l=en>.
- [2]. **Shpetim Lajqi**, Bashkim Baxhaku, Naser Lajqi. *Influence of Planetary Gear in Improving Efficiency of Continuous Variable Transmission in Passenger Vehicle*. Journal of Institute Alb-Shkenca – AKTET, ISSN 2073-2244, Vol. 4, nr. 2, 2011, pp: 219-226, <http://alpa.mali-it.eu/journal/aktet/vol/?l=en>.

10.d. Publications from Congresses, Conferences, Symposiums, Seminars, Workshops in Region

- [1]. Bojan Đurin, Nikola Kranjčić, **Shpetim Lajqi**, Anamarija Muhar, Božo Soldo. *Study of the Potential of Small Rivers for a Sustainable Production of the Electric Energy*. The 2st International Conference "Engineering and Entrepreneurship" ICEE 2019, 10-11 October 2019, Tirana, Albania.
- [2]. Osman Sertolli, **Shpetim Lajqi**. *The Impact of Informative Technology in the Decision Process in Higher Education, with Special Studies in the University of Prishtina*. The 54th International Scientific Conference on Information, Communication and Energy Systems and Technologies, ICEST 2019, Proceeding Book, pp: 397-400, 27-29 June 2019, Ohër, North Macedonia,
- [3]. Gjelo Vataj, **Shpetim Lajqi**, Tush Marku. *Energy efficiency for Drinking Water System. Study Case: Pumping Station in Milloshevë*. The 1st International Conference "Engineering and Entrepreneurship" ICEE 2017, 17-18 November 2017, Tirana, Albania.
- [4]. Naser Lajqi, Ilir Doçi, **Shpetim Lajqi**. *Modelling and Simulation of the Turbocharged Diesel Engine with Intercooler*. IFAC - International Conference on International Stability, Technology and Culture - TECIS 2016, 26-28 October 2016, Durres, Albania.
- [5]. **Shpetim Lajqi**, Xhemajl Fejzullahu, Naser Lajqi, Heset Hajdini. *Analysis of the Mini Turgo Hydro Turbine Performance for Different Working Regimes*. The 6th International Conference & Workshop "Science & Engineering for RELIABLE ENERGY" REMOO 2016, 18-20 May 2016, Budva, Montenegro.
- [6]. **Shpetim Lajqi**, Naser Lajqi, Beqir Hamidi. *Design and Construction of Mini Hydropower Plant With Propeller Turbine*. The 5th International Conference & Workshop "Technological, Modelling and Experimental Achievements in Energy Generation Systems" REMOO-2015, 23-24 September 2015, Budva, Montenegro.
- [7]. **Shpetim Lajqi**, Bashkim Baxhaku, Naser Lajqi. *Ndikimi i transmetuesit planetar në përmirësimin e efikasitetit të ndërruesit kontinual të shpejtësisë në automjetet e udhëtarëve*. Takimi i Pestë vjetor ndërkombëtar i Institutit Alb-Shkenca, 2010, Tirana, Albania, pp: 462.
- [8]. Naser Lajqi, **Shpetim Lajqi**, Gjelo Vataj, Avdiu Arben. *Ndikimi i N.P.S.H. dhe grushtit hidraulik në stacionin e pompave në Mitrovicë*. Takimi i Pestë vjetor ndërkombëtar i Institutit Alb-Shkenca, 2010, 2010, Tirana, Albania, pp: 463.
- [9]. **Shpetim Lajqi**, Nijazi Ibrahim, Bashkim Baxhaku, Naser Lajqi. *Modelling of Continuous Variable Power Split Transmission in Hybrid Electric Vehicle*. The 6th Research/Expert Conference with International Participations, QUALITY 2009, 2009, Neum, B&H, pp: 443-448.
- [10]. **Shpetim Lajqi**, Stanislav Pehan, Naser Lajqi, Xhemajl Mehmeti. *Konstruktimi i sistemit të drejtimit për një automjet të terrenit me katër rrota të kthyeshme dhe katër rrota ngasëse*. Libri i Abstrakteve të Konferencës e Pestë Vjetore e Shkencës - Java e Shkencës 2013, MASHT, Prishtina, 2013, pp: 331.
- [11]. Xhemajl Mehmeti, Naser Lajqi, **Shpetim Lajqi**. *Zhvillimi i modelit në funksionimin e mirëmbajtjes së automjeteve të cilat ngasën në territorin e Republikës së Kosovës*. Kumbës nga Konferenca Vjetore e Shkencës "Java e Shkencës 2012", Organizuar nga MASHT, Prishtinë, 2012, pp: 411 – 419.
- [12]. **Shpetim Lajqi**, Shaqir Elezaj, Naser Lajqi. *Mundësitë e instalimit të mikro hidro-gjeneratorëve në vendet me potencial hidraulik të ujërave*. Konferenca Bashkëpunimi Shqipëri-Kosovë dhe Zhvillimi i sektorit Energjetik "Konferenca e V-të e Shoqatës termoteknike shqiptare, Prishtinë, 2010.
- [13]. Bashkim Baxhaku, Naser Lajqi, **Shpetim Lajqi**. *Definitions of the Reaction in Main Support Bearing for Motor Perkins P-4 Massey-Ferguson*. Symposium of Mechanical Engineering, Prishtina, 2004.
- [14]. Xhemajl Fejzullahu, **Shpetim Lajqi**, Ilir Zhitia, Gjelo Vataj. *Analyzing of the Cavitations Phenomena in Main Pumping Station in Batllava*. Professional and scientific Journal, Ferizaj, 2003.

10.e. Books / Teaching materials:

- [1]. Bojan Đurin, **Shpetim Lajqi**, Nikola Kranjčić, Božo Soldo. *Sustainable Energy Production, Small Hydropower Plant and Solar Photovoltaic Power Plant Hybrid System*. Book chapter. In: Leal Filho W., Azul A., Brandli L., Özuyar P., Wall T. (eds) *Affordable and Clean Energy*. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham., 2020, https://doi.org/10.1007/978-3-319-71057-0_110-1.
- [2]. **Shpetim Lajqi**, Stanislav Pehan, Naser Lajqi. *Suspension and Steering Systems Design of the Modern Terrain Vehicles*. LAMBERT Academic Publishing, Germany, 2014, Germany, pp: 233, www.lap-publishing.com.
- [3]. **Shpetim Lajqi**. *Mechatronic of Vehicle*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, 2020.
- [4]. Musli Bajraktari, **Shpetim Lajqi**. *Load and Unload Mechanisms*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtinë, 2020.
- [5]. **Shpetim Lajqi**. *Modeling of Logistics Systems*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, 2019.
- [6]. **Shpetim Lajqi**. *Theory and Techniques of Measurements*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, 2018.
- [7]. Ahmet Shala, Ilir Doçi, Mirlind Bruçi, **Shpetim Lajqi**, Nexhat Qehaja, Naser Lajqi, Ramë Likaj, Azem Kyçyku, Xhevat Berisha, Rexhep Selimaj, Hysni Osmani: *50 Years of Faculty of Mechanical Engineering 1967-2017*. ISBN-978-9951-00-210-3. Monography. University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtina, Kosovo, 2017.
- [8]. **Shpetim Lajqi**. *Integral and Intermodal Systems*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtinë, 2016.
- [9]. **Shpetim Lajqi**. *Vehicles characteristics and Regulative*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, Prishtinë, 2015.
- [10]. **Shpetim Lajqi**. *Vehicle Maintenance*. Internal script, University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, 2015.
- [11]. **Shpetim Lajqi**. *Suspension and Steering System Development of a Four Wheel Drive and Four Wheel Steered Terrain Vehicle*. Doctoral Thesis. University of Maribor, Faculty of Mechanical Engineering, 15.03.2013, Maribor, Slovenia, pp: 180, <https://dk.um.si/Iskanje.php?type=napredno&stl0=Avtor&niz0=Shpetim+Lajqi>.
- [12]. **Shpetim Lajqi**. *Transmetuesit Planetar të Kombinuar me Ndërruesin Kontinual të Shpejtësisë të Automjetet Hibrde Elektrike*. Magistar Thesis. University of Prishtina "HASAN PRISHTINA", Faculty of Mechanical Engineering, 12.09.2008, Prishtina, Kosovë, pp: 149, <https://fim.uni-pr.edu/getattachment/Personeli/Personeli-akademik/Mr--sc--Shpetim-Lajqi/Punimi-i-Magjistratures---Shpetim-Lajqi.pdf.aspx>.

11. Other Scientific Research Activity

11.a. Lectures in other Universities, Summer schools, etc.

- [1]. **Shpetim Lajqi**. *Lecturer Professor at the Technical University of Sofia, Faculty of Mechanical Engineering*, Sofia, Bulgaria within the CEEPUS NETWORK program: CIII-BG-0722-09-2021, 29.06-02.07.2021 with the main topic: Computer Aided Design - New Strategies for Designing Mechanical Assemblies.
- [2]. **Shpetim Lajqi**. *Lecture Professor at the University of Maribor, Faculty of Mechanical Engineering*. Are hold 10 hours lecture with students of Prof. Dr. Stanislav Pehan in Engineering Measurements, Design and Implementation of Micro Hydro Turbine, Erasmus+, 09-13.03.2020.
- [3]. **Shpetim Lajqi**. *Lecture Professor at University of Zagreb, Faculty of Environment Engineering*, Varazhdin, Croatia with lecture: Design and Construction of Mini Hydropower Plant with Propeller Turbine, 14.11.2018.

- [4]. Zulfikar Ali Umrani, **Shpetim Lajqi**. *Renewable Energy & Sustainable Energy Futures*. The 19th Edition University of Prishtina International Summer University – PISU 2019, 08-19.07 2019, Prishtina, Kosovo. Organized by University of Prishtina.
- [5]. **Shpetim Lajqi**. *Renewable Energy Sources - Summer school for Clean Energy 2018*, 04 September 2018, Bogë, Kosova. Organized by: AKEREE dhe GIZ.
- [6]. **Shpetim Lajqi**. *Renewable Energy Sources - Energy and Waste Summer School 2017*, 06 - 10 November 2017, Durrës, Albania. Organized by: GIZ, AKEREE, etc.
- [7]. **Shpetim Lajqi**. *Generation of Electrical Energy from Water and Wind - Summer School 2016 – Energy Efficiency and Renewable Energy Sources*, 12 October 2016, Preval, Prizren. Organized by: Konrad Adenauer Stiftung Foundations, and AKEREE.
- [8]. **Shpetim Lajqi**. *Electricity Generation from Hydropower and Wind Energy - Summer School 2015 – Energy Efficiency and Renewable Energy*, 30 Jul 2015, Bogë – Rugovë, Pejë, Organized by: Konrad Adenauer Stiftung Foundations, UNDP, ADC, GIZ, and AKEREE.
- [9]. **Shpetim Lajqi**. *Electricity Generation from Renewable Energy Sources - The round table - EU Week for Sustainable Energy, "Renewable Energies and Energy Security"*, 17 June 2015, FME, Prishtina, Organized from Konrad Adenauer Stiftung Foundations.
- [10]. **Shpetim Lajqi**. *The study of alternatives for Clean Energy in Urban Areas - Good opportunity for Municipal to improve energy efficiency and generating its incomes Academy - Energy Efficiency Initiative*, 23 May 2015, Gjakovë, Organized by: Konrad Adenauer Stiftung Foundations, Renewable Energy Association of Kosovo, and AKEREE.
- [11]. **Shpetim Lajqi**. *Design, Fabrication and Installation of Small Generation Systems Power from Water Resources - Summer School 2014 – Energy Efficiency and Renewable Energy* 15 Jul 2015, Brod – Dragash, Prizren, Organized by: Konrad Adenauer Stiftung, UNDP, ADC, GIZ, and AKEREE.
- [12]. **Shpetim Lajqi**. *Energy, Human Resources and the Possibility of Generating Electricity Through Renewable Sources by the Installation of Micro - Generators Energy - a Practical Approach in Favour of Sustainable Economic Development in Kosovo*. Organized by Konrad Adenauer Foundation and Association of the Renewable Energy in Kosovo, 2013.

11.b. Editor / Reviewer in books, academic or scientific journals

Reviewer in scientific Journals:

- [1]. *Research on Voltage Stabilizing Control Strategy of Key Load in Unplanned Island Based on Electric Spring* - electronics-1515267 for Electronics Journal, mdpi, 05.12.2021.
- [2]. *Design, Implementation and Performance Analysis of A Dual Axis Solar Tracking System of Regular* for Journal: Advances in Science, Technology and Engineering Systems Journal, ISSN: 2415-6698, 11 March 2020.
- [3]. AEAT-03-2020-0057.R1. *Improvement the Thrust-Torque Ratio of an Unmanned Helicopter by Using the ABC Algorithm for Aircraft Engineering and Aerospace Technology*, Aircraft Engineering and Aerospace Technology, 2020.
- [4]. *Method of monitoring and detection of failures in PV system based on machine learning techniques*. Revista Facultad de Ingeniería Universidad de Antioquia, 2020.
- [5]. AEAT-08-2019-0165. *Effects of the Actively Morphing Root Chord and Taper on Helicopter Energy*. Aircraft Engineering and Aerospace Technology, 2019.
- [6]. Dubravko Sabolić, Anja Jaković, Alan Župan. *Spatial Distribution of Wind Plants For Minimized Regulation Costs*, JSDEWES 2017.
- [7]. DSJ 11991. *Topology Optimization and Fabrication Aspects for Light Weight Design of an Articulating Beam of Article Launching System*. Defence Science Journal, 2017.
- [8]. Zhang, Baozhen; Khajepour, Amir; Goodarzi, Avesta. *Vehicle yaw stability control using active rear steering: development and experimental validation*, Vehicle System Dynamics, 2016.
- [9]. NVSD-2016-0227. *The influence of suspension components friction on race car vertical dynamics*. Vehicle System Dynamics, 2016

- [10]. JAUTO-16-0085. *Synthesis of five-link, four-link and double-wishbone suspension mechanisms with rack-and-pinion steering control*, Proc. IMechE, Part D: Journal of Automobile Engineering, 2016.
- [11]. Martin Kodrič, Jože Flašker, Stanislav Pehan. *Efficiency Improvement of Agricultural Winch Machines*. Strojniški vestnik - Journal of Mechanical Engineering, 2016,
- [12]. B Ma, Y-H Liu, X-W Ji, Y-Y Yang. *Steering defect investigation and its compensation using steering torque control strategy under an extreme driving situation*. Journal of Automobile Engineering, 2016.
- [13]. DSJ 8594/7448. *Full-scale field test and numerical simulation of an armoured vehicle subjected to land mine blast*. Defence Science Journal, 2015.
- [14]. DSJ 9007/7615. *Studies On Active Control Of Hydro-Gas Suspension For Armoured Fighting Vehicles*, Defence Science Journal, 2015,
- [15]. Li, Mingxing, Jia, Yingmin. *Attenuation Diagonal Decoupling with Disturbance Rejection Performance for Four-wheel-steering Vehicles with Modelling Uncertainties under Velocity-varying Motion*. Vehicle System Dynamics 2015.
- [16]. Zhao, Huiyong; Zhang, Guangde; Wang, Baohua. *Study on the Steering Method of Variable Longitudinal Steering of 4WS*. Vehicle System Dynamics 2014.
- [17]. B Ma, Y-H Liu, X-W Ji, Y-Y Yang. *Steering defect investigation and its compensation using steering torque control strategy under an extreme driving situation* Journal of Automobile Engineering, 2016. AUTO-14-0118.R2. *Research on Multidisciplinary Design Method of Automotive Steering and Suspension Integrated System*. Proc. IMechE, Part D: Journal of Automobile Engineering, 2014.
- [18]. JAUTO-13-0256. *Evaluation of On–Off Semi-Active Automotive Suspensions using HiL and SiL*. Proc. IMechE, Part D: Journal of Automobile Engineering, 2013.

12. Work experience record:

<i>Dates:</i>	05.03.2020 - onward
<i>Location:</i>	Prishtina, Kosovo
<i>Name of the Institution:</i>	University of Prishtina ‘HASAN PRISHTINA’ Faculty of Mechanical Engineering, Prishtina, Kosovo
<i>Position:</i>	Associate Professor
<i>Description:</i>	Lecture: Bachelor: Engineering Graphics, Theory and Technics of Measuring, Automotive Mechatronics, Hybrid and Electric Vehicles, Intermodal and Integral Systems and Internal Combustion Engine. Master: Load and Unload Mechanism and Modelling of Logistics Systems.
<i>Dates:</i>	19 April 2016 – 30.09.2020
<i>Location:</i>	Prishtina
<i>Name of the Institution:</i>	University of Prishtina “HASAN PRISHTINA” Faculty of Mechanical Engineering
<i>Position:</i>	Vice Dean in Faculty of Mechanical Engineering
<i>Description:</i>	<i>Vice Dean for Quality and Cooperation with Economy</i>
<i>Dates:</i>	April 2016 – November 2018
<i>Location:</i>	Prishtina
<i>Name of the Institution:</i>	University of Prishtina “HASAN PRISHTINA” Faculty of Mechanical Engineering, Prishtina, Kosovo
<i>Position:</i>	Academic coordinator in Faculty of Mechanical Engineering
<i>Description:</i>	<i>Take care about accreditation, re-accreditation of study programs as well as academic student modalities</i>

<i>Dates:</i>	08.05.2015 – 04.03.2020
<i>Location:</i>	Prishtina, Kosovo
<i>Name of the Institution:</i>	University of Prishtina ‘HASAN PRISHTINA’ Faculty of Mechanical Engineering
<i>Position:</i>	Professor Assistant
<i>Description:</i>	<u>Lecture:</u> Bachelor: Engineering Graphics, Theory and Method of Measuring, Automotive Mechatronics and Intermodal and Integral Systems Master: Characteristics of the Vehicles and Regulations, Vehicle Maintenance, Active Control of Vehicles, Signalisation in Traffic, Load and Unload Mechanism, Modelling of Logistics Systems and Urban Mobility.
<i>Dates:</i>	09.03.2011 – 07.05.2015
<i>Location:</i>	Prishtina, Kosovo
<i>Name of the Institution:</i>	University of Prishtina, Faculty of Mechanical Engineering
<i>Position:</i>	Assistant
<i>Description:</i>	Exercises for group subject in Department of Construction and Design Bachelor: Engineering Graphics, Dynamic, Transport Devices, Mechanism for Load and Unload, Theory and Method of Measuring, and Master: Designing of the Transporting Devices, System of the Internal and Continuously Transport, Characteristics of the Vehicles and Regulations, Vehicle Maintenance, and Active Control of Vehicles. <u>Lectures</u> Bachelor: Engineering Graphics, Theory and Method of Measuring, Integral and Intermodal Systems, and Master: Characteristics of the Vehicles and Regulations.
<i>Dates:</i>	05.10.2007 – 09.03.2011
<i>Location:</i>	Prishtina, Kosovo
<i>Name of the Institution:</i>	Faculty of Mechanical Engineering & Agriculture Faculty
<i>Position:</i>	New Assistant
<i>Description:</i>	Exercises for group subject in Department of Construction and Design. Bachelor: Technical Drawing and Geometry Descriptive, Power Transmitter, Kinematic, Dynamic, Technical Mechanics II, Fundamental of Informatics, Informatics, and Master: Theory of Vehicle Motion.
<i>Dates:</i>	01.07.2003 – 05.10.2007
<i>Location:</i>	Prishtina, Kosovo
<i>Name of the Institution:</i>	Faculty of Mechanical Engineering & Agriculture Faculty
<i>Position:</i>	Teaching Assistant (collaborator)
<i>Description:</i>	Exercises for group subject in Department of Construction and Design. Bachelor: Technical Drawing and Geometry Descriptive, Power Transmitter, Fundamental of Informatics and Informatics.
<i>Dates:</i>	01.07.2002
<i>Location:</i>	Prishtina
<i>Name of the Institution:</i>	Regional Water Company “PRISHTINA” sh.a.
<i>Position:</i>	Mechanical Engineer; Assistant of General Director for

		<i>Technical Issues; Mechanical Maintenance Manager.</i>
	<i>Description:</i>	<i>In Regional Water Company "PRISHTINA" held various managerial positions. At first is employed as a Mechanical Engineer, then Assistant of General Director for Technical Issues and latest as Mechanical Maintenance Manager.</i>
13. Researches and training:		
[1]	<i>Dates:</i>	21-24 June 2021
	<i>Program:</i>	XXX International Scientific Conference trans&MOTAUTO '21
	<i>Principal subjects / occupational skills covered:</i>	Paper presented in this Conference: Influence of the Different Brands of Braking Pads in Performance of Vehicle Braking System.
	<i>Name and type of institution providing education and training:</i>	Scientific Technical Union of Mechanical Engineering, Varna, Bulgari.
[2]	<i>Dates:</i>	15-18 June 2021
	<i>Program:</i>	BOSCH CDR Operator, 20210056E
	<i>Principal subjects / occupational skills covered:</i>	I participated in the International Training and Certification for European Crash Data Retrieval (CDR -) as part of the Certification as a CDR Operator - Technician.
	<i>Name and type of institution providing education and training:</i>	EUDART GROUP, Nederland.
[3]	<i>Dates:</i>	14 June 2021
	<i>Program:</i>	BOSCH CDR Operator, 20210056E
	<i>Principal subjects / occupational skills covered:</i>	I participated in the International Training and Certification for European Crash Data Retrieval (CDR -) as part of the Certification as a CDR Operator – Data Analyst.
	<i>Name and type of institution providing education and training:</i>	EUDART GROUP, Nederland.
[4]	<i>Dates:</i>	19-21 November 2020
	<i>Program:</i>	International Conference on Energy, Environment and Storage of Energy, ECEESEN 2020
	<i>Principal subjects / occupational skills covered:</i>	I participated as session chair in the International Conference on Energy, Environment and Storage of Energy, ICEESEN 2020.
	<i>Name and type of institution providing education and training:</i>	ERVIYES UNIVERSITY, Kayseri, Turkey.
[5]	<i>Dates:</i>	26 November 2020
	<i>Program:</i>	Certification for the use of the EUROTAX platform
	<i>Principal subjects / occupational skills covered:</i>	I participated in the training and Certification for the use of the EUROTAX platform which is part of the Autovista Group family which has to do with the assessment of the crashed vehicle and the value of the vehicle.
	<i>Name and type of institution providing education and training:</i>	EUROTAX, Ljubljana, Slovenia.
[6]	<i>Dates:</i>	2 - 3 July 2020
	<i>Program:</i>	Training in the New / Revised Management System Documentation
	<i>Principal subjects / occupational skills covered:</i>	Training for DAK Staff on New/Revised DAK Management System Documentation
	<i>Name and type of institution providing education and training:</i>	Free Movement Goods, ibf, Pristina, Kosovo.

[7]	<i>Dates:</i>	18 June 2019
	<i>Program:</i>	Conference “Supporting Smart Specialisation and Technology Transfer in South-East Europe”
	<i>Principal subjects / occupational skills covered:</i>	Participation in “Supporting Smart Specialisation and Technology Transfer in South-East Europe” in Bucharest, Romania, Hosted by European Commission for Support Transfer Technology in Southeast Europe
	<i>Name and type of institution providing education and training:</i>	European Commission, Bucharest, Romania
[8]	<i>Dates:</i>	03 – 06 May 2019
	<i>Program:</i>	EU4TECH WB – Technology Transfer Summer School 2019
	<i>Principal subjects / occupational skills covered:</i>	Participate in Summer School “EU4TECH WB – Technology Transfer Summer School 2019” in Skopje, North Macedonia funded by the European Commission where the Technology Transfer in the Western Balkans was presented
	<i>Name and type of institution providing education and training:</i>	EU4Tech, European Commission, Skopje, North Macedonia
[9]	<i>Dates:</i>	02-04 April 2019
	<i>Program:</i>	The 1st Official Energy Conference and Exhibition “Implementation of Modern Technologies in Maintenance of Thermal/Natural Gas Power Plants and Wind Farms
	<i>Principal subjects / occupational skills covered:</i>	Participate as lecture in “Energy Conference and Exhibition “Implementation of Modern Technologies in Maintenance of Thermal/Natural Gas Power Plants and Wind Farms” organized by IDS and RCREEE held in Sibenik, Croatia.
	<i>Name and type of institution providing education and training:</i>	IDS and RCREEE, Sibenik, Croatia
[10]	<i>Dates:</i>	21 – 22 February 2019
	<i>Program:</i>	Conformity Assessment Requirements for Bodies Certifying Product, Processes and Services
	<i>Principal subjects / occupational skills covered:</i>	Participation in training “Conformity Assessment Requirements for Bodies Certifying Product, Processes and Services“ organized by the Kosovo Accreditation Directorate, Ministry of Trade and Industry held in Prishtina.
	<i>Name and type of institution providing education and training:</i>	Free Movement of Goods, Ibf, Pristine, Kosovo
[11]	<i>Dates:</i>	7 & 8 December 2018
	<i>Program:</i>	Planning and implementation of teaching in higher education
	<i>Principal subjects / occupational skills covered:</i>	Training in the field of higher education - advanced level
	<i>Name and type of institution providing education and training:</i>	Centre for Excellence in Teaching of the University of Prishtina "HASAN PRISHTINA"
[12]	<i>Dates:</i>	15 & 16 November 2018
	<i>Program:</i>	Workshop on Start-ups and Technology Transfer in Innovation Ecosystems in South-East Europe and the Alpine Region
	<i>Principal subjects / occupational skills covered:</i>	I participated in the workshop "Workshop on Start-ups and Technology Transfer in Innovation Ecosystems in South-East Europe and the Alpine Region" in Ljubljana, Slovenia, organized by the European Commission where the

		development of innovations in South Eastern Europe.
	<i>Name and type of institution providing education and training:</i>	European Commission, Ljubljana, Slovenia
[13]	<i>Dates:</i>	13 & 14 September 2018
	<i>Program:</i>	Teaching in higher education
	<i>Principal subjects / occupational skills covered:</i>	Training in the field of higher education - beginning level
	<i>Name and type of institution providing education and training:</i>	Centre for Excellence in Teaching of the University of Prishtina "HASAN PRISHTINA"
[14]	<i>Dates:</i>	30 August 2018
	<i>Program:</i>	Training in the new version of ISO / IEC 17011: 2017
	<i>Principal subjects / occupational skills covered:</i>	Training for DAK Accreditation Council in relation to ISO / IEC 17011: 2017
	<i>Name and type of institution providing education and training:</i>	Free Movement Goods
[15]	<i>Dates:</i>	28-29 Jul 2018
	<i>Program:</i>	Training for standard: System for Quality Management - ISO 9001:2015 and System for Managing of Information Security: ISO/IEC 27001:2013
	<i>Principal subjects / occupational skills covered:</i>	Training for System for Quality Management - ISO 9001:2015 and System for Managing of Information Security - ISO/IEC 27001:2013
	<i>Name and type of institution providing education and training:</i>	TUV Nord, Plovdiv, Bullgari
[16]	<i>Dates:</i>	4 & 5 July 2018
	<i>Program:</i>	Investment Readiness in South East Europe
	<i>Principal subjects / occupational skills covered:</i>	I participated in the workshop "Investment Readiness in South East Europe in Zagreb
	<i>Name and type of institution providing education and training:</i>	The European Commission and the Faculty of Mechanical Engineering in Zagreb, Croatia
[17]	<i>Dates:</i>	29 until 31 May 2018
	<i>Program:</i>	The 8 th international Conference and Workshop, REMOO 2018 "Quest for Energy"
	<i>Principal subjects / occupational skills covered:</i>	Lead of three scientific sections and presentation of three papers published in the summary of the works of the 8th International Conference, REMOO 2018 "Quest for Energy"
	<i>Name and type of institution providing education and training:</i>	REMOO 2018, Venetia, Italy.
[18]	<i>Dates:</i>	21 until 25 May 2018
	<i>Program:</i>	Erasmus+, Academic Staff Week 2018
	<i>Principal subjects / occupational skills covered:</i>	Visiting Professors at The Silesian University of Technology, Poland's Gliwice, within the framework of Erasmus + for the "Academic Staff Week 2018"
	<i>Name and type of institution providing education and training:</i>	Silesian University of Technology, Gliwice, Poland.
[19]	<i>Dates:</i>	April until October 2018
	<i>Program:</i>	Modelling and simulation of the electrostatic filter of Kosovo A
	<i>Principal subjects / occupational skills covered:</i>	Chief of the project "Modelling and simulation of the electrostatic filter of Kosovo A" for improving the efficiency of

		dust particle filtration. The project was contracted by the Japanese organization "JICA" and the Ministry of Environment and Spatial Planning.
	<i>Name and type of institution providing education and training:</i>	JICA Japan and Ministry of Environment and Spatial Planning.
[20]	<i>Dates:</i>	29.11.2017
	<i>Program:</i>	Training for calibration of vehicle technical control device
	<i>Principal subjects / occupational skills covered:</i>	Training for the accurate and safe use of calibration equipment of all equipment at vehicle control and inspection stations by manufacturers: MAHA and BEISSBATH.
	<i>Name and type of institution providing education and training:</i>	VELMAR Automotive, North Macedonia
[21]	<i>Dates:</i>	04-08 October 2017, Dubrovnik, Croatia
	<i>Program:</i>	The 12th Conference on Sustainable Development of Energy, Water and Environment Systems – SDEWES Conference
	<i>Principal subjects / occupational skills covered:</i>	The Infrastructure of Renewable Energy Sources for Sustainable Development in Kosovo. http://www.dubrovnik2017.sdewes.org/programme.php
	<i>Name and type of institution providing education and training:</i>	Faculty of Mechanical Engineering and Naval Architecture, Zagreb
[22]	<i>Dates:</i>	19-26.06.2017, Bulgaria
	<i>Program:</i>	CEEPUS Academic network– CIII-BG-0722-05-1617
	<i>Principal subjects / occupational skills covered:</i>	Lecture from last scientific activity
	<i>Name and type of institution providing education and training:</i>	Technical University of Sofia, Faculty of Mechanical Engineering
[23]	<i>Dates:</i>	10-12 May 2017, Venice, Italy
	<i>Program:</i>	The 7th International Conference & Workshop REMOO–2017, 10-12 May 2017, Energy for Tomorrow
	<i>Principal subjects / occupational skills covered:</i>	“Reconstruction of the Micro Pelton Hydro Turbine and Regulation of Working Condition by Electronic Load Controller” http://remoo.eu/html/programme1.html
	<i>Name and type of institution providing education and training:</i>	RENECON International, Erlangen, Germany
[24]	<i>Dates:</i>	2-5 November 2016, Vienna, Austria
	<i>Program:</i>	The 16th International Multidisciplinary Scientific Geoconference - SGEM 2016, SGEM Proceedings Volumes
	<i>Principal subjects / occupational skills covered:</i>	Contribution is this conference was: Commercial Efficiency Improvement in Kosovo Water Utilities Sector
	<i>Name and type of institution providing education and training:</i>	Scientific Geoconference - SGEM 2016 VIENNA GREEN HOFBURG 2016
[25]	<i>Dates:</i>	18-20 Maj 2016, Budva, Montenegro
	<i>Program:</i>	The 6th International Conference & Workshop “Science & Engineering for RELIABLE ENERGY”
	<i>Principal subjects / occupational skills covered:</i>	Contribution is this conference was: Analysis of the Mini Turgo Hydro Turbine Performance for Different Working Regimes.
	<i>Name and type of institution providing education and training:</i>	RENECON International, Erlangen, Germany

[26]	<i>Dates:</i>	23 – 24 September 2015, Budva, Montenegro
	<i>Program:</i>	The 5th International Conference & Workshop "Technological, Modelling and Experimental Achievements in Energy Generation Systems" REMOO-2015
	<i>Principal subjects / occupational skills covered:</i>	Paper presented in this conference is entitled: "Design and Construction of Mini Hydropower Plant With Propeller Turbine" http://www.renecon.eu/html/programme.html
	<i>Name and type of institution providing education and training:</i>	REMOO , Germany.
[27]	<i>Dates:</i>	22 – 23 January 2015, Hotel Victory, Pristina, Kosovo
	<i>Program:</i>	"The 2nd International Conference "Road Traffic safety and transport challenges in South East Europe (SEE)"
	<i>Principal subjects / occupational skills covered:</i>	Road and Transport Safety
	<i>Name and type of institution providing education and training:</i>	AKM & College "TEMPULLI"
[28]	<i>Dates:</i>	12 – 13 November 2014, Ljubljana, Slovenia
	<i>Program:</i>	The 4th International Conference & Workshop "Energy Infrastructure Development", REMOO 2014
	<i>Principal subjects / occupational skills covered:</i>	In this conference is presented poster entitled "Design and Production of the Testing System of the Mini-Hydroelectric Power Station with Turgo Turbine". http://www.renecon.eu/html/programme1.html
	<i>Name and type of institution providing education and training:</i>	REMOO , Germany
[29]	<i>Dates:</i>	30 September 2014, Prishtina, Kosovo
	<i>Program:</i>	Conformity assessment – Requirement for function of different types of Inspection Body - SK ISO/IEC 17020:2012
	<i>Principal subjects / occupational skills covered:</i>	Training and Certification for standard SK ISO/IEC 17020:2012
	<i>Name and type of institution providing education and training:</i>	Director of Kosovo Accreditation, Ministry of Trade and Industry , Pristina, Kosovo.
[30]	<i>Dates:</i>	05 November 2013, Pristina, Kosovo
	<i>Program:</i>	General requirements for the competence of testing and calibration laboratories - ISO/IEC 17025:2007
	<i>Principal subjects / occupational skills covered:</i>	Training and Certification for standard ISO/IEC 17025: 2007
	<i>Name and type of institution providing education and training:</i>	Director of Kosovo Accreditation, Ministry of Trade and Industry , Pristina, Kosovo.
[31]	<i>Dates:</i>	03 October 2013, Pristina, Kosovo
	<i>Program:</i>	Planning and Configuration of large boiler systems
	<i>Principal subjects / occupational skills covered:</i>	Training from VIESMAN
	<i>Name and type of institution providing education and training:</i>	Producer VIESMAN
[32]	<i>Dates:</i>	27 June 2013, Pristina, Kosovo
	<i>Program:</i>	Energy - a practical approach in favour of sustainable economic development in Kosovo
	<i>Principal subjects / occupational skills covered:</i>	Contribution presented in this round table is entitled: "Energy, human resources and the possibility of generating

		electricity through renewable sources by the installation of micro - generators".
	<i>Name and type of institution providing education and training:</i>	Konrad Adenauer Foundation and the Association of Renewable Energy Kosovo, Pristina, Kosovo.
[33]	<i>Dates:</i>	14 – 18 May 2013, Pristina, Kosovo
	<i>Program:</i>	Science Week – Annual National Conference of Science, MEST
	<i>Principal subjects / occupational skills covered:</i>	Paper presented in conference entitled “ Construction of steering system for a terrain vehicle with for wheel steer and four wheel drive ”.
	<i>Name and type of institution providing education and training:</i>	Ministry of Education, Science and Technology.
[34]	<i>Dates:</i>	15 – 19 April 2013
	<i>Program:</i>	Professional Mobility - Training and Certification by HERZ Armaturen
	<i>Principal subjects / occupational skills covered:</i>	Organizing of the workshop for designing, modelling and testing of prototypes, visit in the production facilities, inspection of final products, packaging form, and development of marketing for HERZ Armaturen products. Workshops are organized in the premises of HERZ Armaturen in Austria and Slovenia. Participants group for this workshop has been 10 from Kosovo. I am certified in sophisticated laboratory in Austria for adjustment and installation techniques of the HERZ Armaturen products which are applied for heating/air conditioning, water supply and sanitation.
	<i>Name and type of institution providing education and training:</i>	HERZ Armaturen Ges. M. B. H., Vienne, Austria Certification and Professional training is organized from representatives of HERZ Armaturen in Kosovo, “CTA” sh.p.k., Pejë.
[35]	<i>Dates:</i>	11 – 18 February 2013
	<i>Program:</i>	Professional Mobility – EN ISO/IEC Certification Training
	<i>Principal subjects / occupational skills covered:</i>	Procedures for inspections, examinations, and tests for the equipment according to latest EN ISO/IEC standards in the field of Cranes, hoists, transport equipment and systems.
	<i>Name and type of institution providing education and training:</i>	TCI EuroCert Institute - Accredited and authorized Inspection body, Skopje Macedonia.
[36]	<i>Dates:</i>	17 – 22 December 2012
	<i>Program:</i>	Professional Mobility - EN ISO/IEC Certification Training
	<i>Principal subjects / occupational skills covered:</i>	Procedures for inspections, examinations, and tests for the equipment according to latest EN ISO/IEC standards in the field of Lifts, escalators and lifting equipment.
	<i>Name and type of institution providing education and training:</i>	TCI EuroCert Institute - Accredited and authorized Inspection body, Skopje Macedonia.
[37]	<i>Dates:</i>	08 August 2012 – 08 October 2012
	<i>Program:</i>	Short Mobility – Scientific Research
	<i>Principal subjects / occupational skills covered:</i>	Exchange of experiences between two faculties, laboratory research, literature research in the Faculty and the University library, creating contact with other institutes, attending several lectures and exercises, etc. The goal was the preparation of two articles which have been accepted and published in scientific

		journals in the USA and Slovenia.
	<i>Name and type of institution providing education and training:</i>	University of Maribor, Faculty of Mechanical Engineering, Maribor, Slovenia. The program is supported by the Ministry of Education, Science and Technology of the Republic of Kosovo.
[38]	<i>Dates:</i>	15.09.2011 – 15.09.2012
	<i>Program:</i>	Mobility for Doctoral studies “Doctorate Degree”
	<i>Principal subjects / occupational skills covered:</i>	Title of PhD: “Suspension and Steering System Development of a Four Wheel Drive and Four Wheel Steered Terrain Vehicle”
	<i>Name and type of institution providing education and training:</i>	University of Maribor, Faculty of Mechanical Engineering, Maribor, Slovenia. Program is supported by Erasmus Mundus Action 2 – JOINEU-SEE II entitled “JoinEU-SEE scholarship scheme for academic Exchange between EU & Western Balkan Universities”
[39]	<i>Dates:</i>	08 – 10 June 2011, Bol, Croatia
	<i>Program:</i>	Scientific Conference “The 3rd International Scientific Conference Management of Technology – Step to Sustainable Production, MOTSP 2011”.
	<i>Principal subjects / occupational skills covered:</i>	The work presented in this scientific conference was: Tracking the Prescribed Path Through an Autonomous Mobile Robot with Four Wheel Steering.
	<i>Name and type of institution providing education and training:</i>	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia.
[40]	<i>Dates:</i>	23 November 2010 – 21 April 2011
	<i>Program:</i>	Advancing the Quality of Teaching and Research at the UP
	<i>Principal subjects / occupational skills covered:</i>	Preparation and submission of the doctoral thesis proposal at the Institute, the research and experimentation in the laboratory, literature research in the Faculty and the University library, attending several important lectures and exercises, etc. During this program are prepared two papers which have been accepted and published in the conference proceeding.
	<i>Name and type of institution providing education and training:</i>	University of Maribor, Faculty of Mechanical Engineering, Maribor, Slovenia. The program is supported by University of Prishtina.
[41]	<i>Dates:</i>	08 – 28 November 2007
	<i>Program:</i>	One Month Research in Austrian Universities
	<i>Principal subjects / occupational skills covered:</i>	Analysis and experimentation in order to determine the suspension parameters (shock absorber damping coefficient and spring stiffness coefficient) for passenger vehicles.
	<i>Name and type of institution providing education and training:</i>	Graz University of Technology/Faculty of Mechanical Engineering, Vehicle Safety Institute, Graz, Austria, The program is supported from OEAD (WUS Austria).
[42]	<i>Dates:</i>	15 October – 14 December 2007
	<i>Program:</i>	Training of the new entrepreneurs
	<i>Principal subjects / occupational skills covered:</i>	The program has been designed in 10 modules, some of them are: Module 1: Entrepreneurs, Management & Leadership Skills-t, Module 2: Market Research and Mixed Market, Module 3: Marketing Management and PR, etc.

	<i>Name and type of institution providing education and training:</i>	Business Start – Up Centre Kosovo, Pristine The program is supported by local and international institutions.		
14. Additional information:				
	<i>Organizational skills and competences:</i>	<p>Good skills in professional and scientific research.</p> <p>Good organizational skills, leadership of various projects, preparation of documentation for: Rock breaker, Separations, Concrete Bases, Asphalt Bases, Water Treatment Plants, Pumping Stations, Hydro turbines, Wind generators, etc.</p> <p>All projects have found implementation in practice.</p> <p>Super-expertise and expertise at the level of the Faculty for Technical Condition of the Vehicle; Investigation of the cause of the fire in the vehicle, Evaluation of technical projects, Road Traffic, etc.</p> <p>Professional analysis and expertise for hoist machines and equipment’s from the aspect of protection at work.</p> <p>Some of the realized projects are:</p> <p>[1]. Sh. Lajqi, S. Daka, Z. Elezaj: Feasibility Study for building HEC “Lubinja”, Prizren, 2015.</p> <p>[2]. M. Bajraktari, N. Lajqi, Sh. Lajqi: Testing of rope for passenger and mineral elevator at enterprise "TREPÇA, Mitrovicë, 2015.</p> <p>[3]. Sh. Lajqi: Development of small turbines for generating electricity from wind resources, water and sun. The project is funded by the Ministry of Education, Science and Technology, 01 January - 31 December 2014, the Faculty of Mechanical Engineering.</p> <p>[4]. Bajraktari Musli, Lajqi Naser, Lajqi Shpetim, Vataj Gjeloš. Elaborate for periodically inspection and attesting of crane and elevators for enterprise "NewCo FeroNickel L.L.C." sh.p.k., Drenas, 2006-2012.</p> <p>[5]. Lajqi Shpetim, Vataj Gjeloš. Geomechanical & hydraulic study for alternate routing of slag granulation return channel, for enterprise "NewCo FeroNickel L.L.C." sh.p.k., Drenas, 2010.</p> <p>[6]. Lajqi Shpetim, Vataj Gjeloš. Detail design of extension of water treatment plant in Mitrovica for water company "MITROVICA" sh.p.k., K.K. Mitrovicë, 2010.</p> <p>[7]. Bajraktari Musli, Lajqi Naser, Lajqi Shpetim, Vataj Gjeloš. Detail design of technical – technologic project for dryer system for mineral production from Benard Company in Italy. Financing from enterprise "NewCo FeroNickel L.L.C." sh.p.k., K.K. Drenas, 2010.</p>		
15. Computer skills and competences:		I have good knowledge in using packages software such as: Microsoft Office, CorelDraw, Photoshop, MATLAB, MathCAD, AutoCAD, STAKx, iGOx, etc.		
16. Language skills: (1 to 5: 1 lowest - 5 fluent)				
	<i>Language.</i>	<i>Speaking</i>	<i>Writing</i>	<i>Reading</i>
	English	4	5	4
	Croatian	4	4	4
	Slovenian	3	3	3

17. Awards and Scholarship:	
	Academic Networking CEEPUS: CIII – BG – 0722 – 09 – 2021
2017	Academic Networking CEEPUS – CIII – BG – 0722 – 05 – 1617
2015	EU Scholarship funds for Specialization
2011	Scholarship funds from JoinEU-SEE Program
2010	Slovene Human Resources Development and Scholarship Found.
2007	Austrian Exchange Service (OEAD)
2000	Scholarship from University of Prishtina
2000	Diploma “ <i>Distinguished Student</i> ” for great success in graduate studies awarded by the University of Prishtina for occasion establishment days of the University
1997	Acknowledgements “ <i>Distinguished Student</i> ” in studies awarded by the Faculty of Mechanical Engineering on the occasion of the 30 th anniversary of the Faculty