


## CURRICULUM VITAE

<b>1. Surname:</b>	<b>DOÇI</b>		
<b>2. Name:</b>	<b>ILIR</b>		
<b>3. Nationality:</b>	Albanian		
<b>4. Citizenship:</b>	Kosovar		
<b>5. Date of Birth</b>	29.09.1969		
<b>6. Place of Birth:</b>	Prishtina		
<b>7. Contact Details:</b>	Email: <a href="mailto:ilir.doci@uni-pr.edu">ilir.doci@uni-pr.edu</a> ; <a href="mailto:ilir.doci@hotmail.com">ilir.doci@hotmail.com</a>		
<b>8. Education Level:</b>			
- 02.06.1994, <b>Graduated Mechanical Engineer</b> , University of Prishtina - Faculty of Mechanical Engineering			
- 06.09.2000, <b>Magister of Technical Sciences</b> , University of Prishtina - Faculty of Mechanical Engineering			
- Title of thesis: « <i>Application of Finite Elements method in the calculation of metal constructions</i> »			
- 21.09. 2006, <b>Phd of technical sciences</b> , University of Prishtina - Faculty of Mechanical Engineering			
- Title of phd thesis: « Contribution in the determination of Dynamic Coefficient in Cranes »			
<b>9. Professional and academic carrier in University of Prishtina (assistant, professor, etc)</b>			
- 1994-1995, <b>Young Assistant</b> , Faculty of Machinery, Prishtina			
- 01.10.1995-30.09.2004, <b>Assistant</b> , Faculty of Machinery, Prishtina			
- 01.10.2004 – 30.09.2007, <b>Teaching Assistant</b> , Faculty of Mechanical Engineering, Prishtina			
- 01.10.2007, <b>Assistant Professor</b> , Faculty of Mechanical Engineering, Prishtina			
- 18.11.2011, <b>Associated Professor</b> , Faculty of Mechanical Engineering, Prishtina			
- 07.06.2017, <b>Regular Professor</b> , Faculty of Mechanical Engineering, Prishtina			
<b>Subjects covered in FME</b>	(Level Bachelor) - Engineering Graphics, Technical Logistics, Forwarding, Data structures and algorithms	(Level Master) - Information systems of road network operators, MEMS	
<b>10. Other Academic-professional activities</b>			
- September 2011-March 2016 – Official for Academic Development UP-FME – Coordinator for accreditation of teaching curriculums, ECTS Coordinator..			
- October 2015 – March 2016 - President of workers Union of FME.			
- March 2016 – October 2024 - Vice Dean for Teaching, Faculty of Mechanical Engineering.			
- Since June 2017 – Member of Editorial Board of International Scientific Journal “ <i>Machines, Technologies, Materials</i> ”- Bulgaria			
- October 2017- March 2018 - Appointed member of State Quality Council (KSHC)			

<b>11. Trainings and competences</b>
- 13.01.2025, <b>Hybrid Vehicles – The Fundamentals &amp; Operating Principles</b> , Certificate of training, Organized by Udemy, Inc.
- 13.03.2023, <b>Preliminary Cost Estimation: Elevators and HVAC</b> , Certificate of training, Organized by Udemy, Inc.
- 02.2023, <b>Expert in the fields of Occupational Safety, Mechanical Engineering and Traffic and Transport</b> , Kosovo Judicial Council, Prishtina, 2023.
- 19.01.2023, <b>Investigating Motor Vehicle Incidents</b> , MVI Certificate, Organized by <i>Road Safety at Work, CA</i> .
- 16.01.2023, <b>Fundamentals of Health and Safety in the Workplace</b> , Certificate of training, Organized by ALISON.
- 11.02.2023, <b>ISO 45001 (OH&amp;SMS) Lead Auditor Certification Course</b> , Certificate of training, Organized by Udemy, Inc.
- 13.01.2023, <b>Urban Transportation and Sustainability</b> , Certificate of training, Organized by ALISON.
- 17.03.2022, <b>Accident/Incident Investigation</b> , Certificate of training, Organized by Udemy, Inc.
- 24.02.2022, <b>Aerospace Engineering: Aircraft Systems and Avionics</b> , Certificate of training, Organized by Udemy, Inc.
- 19.02.2022, <b>International Logistics &amp; Transportation in Supply Chain</b> , Certificate of training, Organized by Udemy, Inc.
- 06.02.2022, <b>Automotive Engineering-Performance</b> , Certificate of training, Organized by Udemy, Inc.
- 29.01.2022, <b>Automotive/Automobile Engineering; Onboard Diagnostics(OBD)</b> , Certificate of training, Organized by Udemy, Inc.
- 20.01.2022, <b>NEBOSH International Fire Safety Certificate</b> , Certificate of training, Organized by Udemy, Inc.
- 11.01.2022, <b>Functional Safety According to ISO 26262</b> - Functional safety in the automotive industry, Certificate of training ,Organized by Udemy, Inc.
- 16. 01.2022, <b>Mechanical Design Engineering Skillset</b> , Certificate of training, Organized by Udemy, Inc.
- 07.01.2022, <b>ISO 45001. Occupational Health &amp; Safety management system Standard</b> , Certificate of training ,Organized by Udemy, Inc.
- 09.06.-16.06.2021, <b>Enterprise Dynamics Teacher Training</b> , Certificate for Professional training, Organized by <i>Incontrol Simulation Software</i> , Holand.
- 25.11-26.11.2020 – <b>Certificate for the Professional training</b> , Eurotax ERE (Vehicle Repair Estimation) and Eurotax EVA (evaluation of Vehicle accident) and software for using the Eurotax system.
- 21-22.02.2019, Prishtina, <b>Training for ISO/IEC 17065 Standard</b> , Certificate for Professional training, Organized by EU-IBF and MTI.
- 29.08.2018, Prishtina, <b>ISO/IEC 17011:2017 Standard</b> , Certificate for Professional training, Organized by EU-FMG and MTI.
- 19.07.2018, Prishtina, <b>ISO 27001:2013 Standard</b> , Certificate for Professional training, Organized by Royal Cert (TUV Nord).
- 17.07.2018, Prishtina, <b>ISO 9001:2015 Standard</b> , Certificate for Professional training, Organized by Royal Cert (TUV Nord).
- 23 dhe 24 September, Durrës, Albania, 2017, <b>Harmonization of Education with Labor Market Requirements</b> , Workshop, Project ALLED- Austrian Development Cooperation, EU and MEST.
- 05.06.2015, Prishtina, HIGHERKOS trainings, <b>Quality Assurance/Teaching: QA and Bologna</b> , WUS Austria, University of Gratz - Austria.
- 04-05 June, 2014, Gratz, Austria, WUS Austria- Zyra qëndrore, Gratz, Austri, <b>Workshop: “Change in paradigm – Student centered learning approach”</b> and <b>“Student oriented learning”</b> .
- 05-06 June, 2014, Gratz, Austria, HIGHERKOS Project, <b>Seminaret (Workshop) me titull: “E-learning in University”</b> and <b>” Evaluation of open learning scenarios”</b> , University of Applied Sciences “FH Joanneum”, Gratz, Austria.

- |                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| - 03-06, November, 2014, Sofia, Bullgaria, Technical University of Sofia, Faculty of Mechanical Engineering, Trainings “Testing of lifting devices in laboratory according to standard EN 81-1” and exchange of experiences in methodology of teaching and quality of teaching in Faculty of Mechanical Engineering, Sofia. |
| - 29-30 September 2014, Prishtina, <b>Certification of Professional training, Certification for the standard ISO/IEC 17020: 2012</b> , Directorate for Accreditation of Kosova, Prishtina, Kosova.                                                                                                                          |
| - 23 December 2013, <b>National qualification Framework of Republic of Kosova – Heigher Education – Ministry of Education, Science and Technology, EU KOSVET V – Deveopment of quality, accreditation and Development of Agency for National Qualifications in Kosova.</b>                                                  |
| - 11-17 February 2013, <b>Implementation of inspections, examinations, testing and evaluation of cranes, lifting mechanisms, devices and transportation systems</b> , Certification of Professional training, TCI EuroCert, Shkup (Skopje), Macedonia.                                                                      |
| - 17-22 December 2012; 10-15 Janar 2013, <b>Implementation of inspections, examinations, testing and evaluation of elevators, escalators and lifting devices</b> , Certification of Professional training, TCI EuroCert, Shkup (Skopje), Macedonia.                                                                         |
| - 04 November 2013, Prishtina, Kosova, <b>General Requirements for competences in laboratory testings and their calibration according to ISO/IEC 17025: 2007</b> , Training and certification for the standard <b>ISO/IEC 17025: 2007</b> , Directorate for Accreditation of Kosova, Prishtina, Kosova.                     |
| - 27-28.01.2014, HIGHERKOS Training, <b>Labour Market Oriented Curriculum Development</b> , WUS Austria, FH Joanneum – Austria.                                                                                                                                                                                             |
| - 23.12.2013, <b>National Qualifications Framework (KKK)</b> , <i>Professional Standards, modules and quality assurance of National Qualifications Framework</i> , National Authority of Qualifications, Republic of Kosova.                                                                                                |
| - 29 -30 Aprill 2013, <b>Preparation of Self Evaluation Report for teaching curriculums</b> , UP-Office for Academic Development.                                                                                                                                                                                           |
| - 15-16 Aprill 2013, HIGHERKOS & University of Prishtina, <b>Framework Conditions for Curriculum Development and Quality Assurance.</b>                                                                                                                                                                                     |
| - 17Aprill 2013, HIGHERKOS & University of Prishtina, <b>Support and Services for Curriculum Development.</b>                                                                                                                                                                                                               |
| - 06-07 Dhjetor, 2011, <b>Korniza Kombëtare e Kualifikimeve e Republikës së Kosovës - Arsimi i lartë</b> , MASHT, Prishtinë, Kosovë                                                                                                                                                                                         |
| - 30.11.2011, European Commission -TEMPUS, <b>Experiences of Diploma Supplement.</b>                                                                                                                                                                                                                                        |

## 12. Publications

### 12.1. Scientific publications

### Scientific International Research Papers in the Years 2011-2024:

	<i>Author/Authors</i>	<i>Title of work</i>	<i>Name of Journal/Conference</i>	<i>Year/ Link</i>
1	<b>Ilir Doçi,</b> Visar Baxhuku	<i>Forklift operations in the warehouse – design and analysis with graphical modelling and simulations</i>	UPB Scientific Bulletin, Series D: Mechanical Engineering, 2024, 86(1), ISSN:1454-2358 <a href="https://www.scientificbulletin.upb.ro/SeriaD_-_Inginerie_Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2024&amp;arh_ser=D&amp;arh_nr=1">https://www.scientificbulletin.upb.ro/SeriaD_-_Inginerie_Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2024&amp;arh_ser=D&amp;arh_nr=1</a> Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> ; <b>CiteScore 2023: 0.5</b>	<b>2024,</b> <a href="https://www.scientificbulletin.upb.ro/rev_docs_arhiva/ez130_958584.pdf">https://www.scientificbulletin.upb.ro/rev_docs_arhiva/ez130_958584.pdf</a>
2	<b>Prof.dr. Ilir Doci,</b> Prof.dr. Naser Lajqi, Msc. Afrim Sallahu	<i>Dynamic analysis of vehicles hydraulic lift for the case of load handling</i>	<i>International Journal MACHINES TECHNOLOGIES MATERIALS, Issue 9/2024, PRINT ISSN 1313-0226</i> <i>Indexed in WorldCat:</i> <a href="http://www.worldcat.org">http://www.worldcat.org</a>	<b>2024,</b> <a href="https://stumejournals.com/journals/mtm/2024/9/282">https://stumejournals.com/journals/mtm/2024/9/282</a>

3	<b>Ilir Doçi,</b> Shpetim Lajqi	<i>Teaching Engineering Graphics through Digital Presentations for Engineering Students</i>	<i>Journal of Engineering Education Transformations</i> , Volume: <b>37</b> , Issue: <b>2</b> , ISSN:2349-2473 Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> ; CiteScore 2022: <b>0.8</b>	<b>2023</b> , <a href="https://journaleet.in/articles/teaching-engineering-graphics-through-digital-presentations-for-engineering-students">https://journaleet.in/articles/teaching-engineering-graphics-through-digital-presentations-for-engineering-students</a>
4	<b>Ilir Doçi,</b> Rifat Krasniqi	<i>Design and control of automatic bottles packaging line with modular modelling and simulations</i>	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i> , 2023, 85(1), ISSN:1454-2358 <a href="https://www.scientificbulletin.upb.ro/SeriaD-Inginerie_Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2023&amp;arh_ser=D&amp;arh_nr=1">https://www.scientificbulletin.upb.ro/SeriaD - Inginerie Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2023&amp;arh_ser=D&amp;arh_nr=1</a> Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> ; CiteScore 2021: <b>0.6</b>	<b>2023</b> , <a href="https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full0d0_593489.pdf">https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full0d0_593489.pdf</a>
5	Visar Baxhuku, <b>Ilir Doçi</b> , Jeton Rexhepi	<i>New Law Enforcement Impact on the Prevention of Road Accidents in Kosovo</i>	<i>Civil Engineering Journal</i> , 2023, 9(12), pp. 3123–3135 Scopus Indexed, <a href="http://www.Scopus.com">www.Scopus.com</a> CiteScore 2022: <b>6.0</b> SJIR 2022: <b>0.846</b> ; SNIP 2022: <b>2.37</b>	<b>2023</b> , <a href="https://www.civilejournal.org/index.php/cej/article/view/4532">https://www.civilejournal.org/index.php/cej/article/view/4532</a>
6	<b>Ilir Doçi,</b> Ferat Shala	<i>Numerical analysis of the rear wind influence on the truck during travel</i>	<i>Strojnický časopis – Journal of MECHANICAL ENGINEERING</i> , VOL 72 (2022), NO 2, 41 – 56 Scopus Indexed, <a href="http://www.Scopus.com">www.Scopus.com</a> SJIR 2021: <b>0.355</b> ; SNIP 2021: <b>0.944</b> ; CiteScore 2021: <b>2.1</b>	<b>2022</b> , <a href="https://sciendo.com/article/10.2478/scjme-2022-0015">https://sciendo.com/article/10.2478/scjme-2022-0015</a>
7	<b>Ilir Doçi,</b> Ramadan Duraku, Bashkim Hoti,	<i>Design of Traffic Intersection Model and regulation with software and microcontrollers</i>	<i>UPB Scientific Bulletin, Series D: Mechanical Engineering</i> , 2022, 84(1), p. 117–136; ISSN:1454-2358 Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> ; CiteScore 2020: <b>0.6</b>	<b>2022</b> , <a href="https://www.scientificbulletin.upb.ro/SeriaD-Inginerie_Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2022&amp;arh_ser=D&amp;arh_nr=1">https://www.scientificbulletin.upb.ro/SeriaD - Inginerie Mecanica.php?page=revistaonline&amp;a=2&amp;arh_an=2022&amp;arh_ser=D&amp;arh_nr=1</a>
8	<b>Ilir Doçi,</b> Rifat Krasniqi	<i>Planning and analysis of materials handling processes in production company using modelling and simulations</i>	<i>INTERNATIONAL SCIENTIFIC JOURNAL OF MATHEMATICAL MODELING</i> , Vol. 6 (2022), Issue 4 ISSN PRINT 2535-0978 Indexed in WorldCat: <a href="https://www.worldcat.org/title/mathe-matical-modeling-international-scientific-journal/oclc/1057791757?referer=di&amp;ht=edition">https://www.worldcat.org/title/mathe-matical-modeling-international-scientific-journal/oclc/1057791757?referer=di&amp;ht=edition</a>	<b>2022</b> , <a href="https://stumejournals.com/journals/mm/2022/4">https://stumejournals.com/journals/mm/2022/4</a>
9	<b>Ilir Doci,</b> Bashkim Hoti, Ramadan Duraku	<i>Model Design of Construction Crane and Motion Regulation Using Hardware Control and Programming</i>	<i>International Journal on Engineering Applications (IREA)</i> Vol 9, No. 1 (2021); ISSN: 2281-2881 <a href="https://www.praiseworthyprize.org/journal/index.php?journal=irea">https://www.praiseworthyprize.org/journal/index.php?journal=irea</a> Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> SJIR 2019: <b>0.48</b> ; SNIP 2019: <b>0.724</b> ; CiteScore 2020: <b>1.6</b>	<b>2021</b> , <a href="https://www.praiseworthyprize.org/journal/index.php?journal=irea&amp;page=article&amp;op=view&amp;path%5B%5D=24923">https://www.praiseworthyprize.org/journal=index.php?journal=irea&amp;page=article&amp;op=view&amp;path%5B%5D=24923</a>
10	<b>Ilir Doci,</b> Shpetim Lajqi,	<i>Adopting Labor Market requirements in Mechanical Engineering</i>	<i>International Conference on Life Sciences, Engineering and Technology, ILSET2021</i> ,	<b>2021</b> , <a href="https://www.2021.ilset.net/">https://www.2021.ilset.net/</a>

		<i>Education – Case of the Faculty of Mechanical Engineering in Kosovo</i>	April 2021, New York, USA	
11	Shpetim Lajqi, Qëndresa Bresa, Arlinda Bresa, <b>Ilir Doçi</b> , Bojan Đurin	<i>Design, Implementation and Analysis of the Overall Performance of a Micro Hydro Turgo Turbine</i>	<i>Journal of Thermal Engineering</i> Year: 2021, Volume: 7, Issue: 4, (MAY 2021), pp:806-822 Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> SJR 2019: <b>0.229</b> ; SNIP 2019: <b>0.421</b> CiteScore 2019: <b>1.1</b>	<b>2021</b> , <a href="https://eds.yildiz.edu.tr/journal-of-thermal-engineering/Articles">https://eds.yildiz.edu.tr/journal-of-thermal-engineering/Articles</a>
12	<b>Ilir Doci</b> , Shpetim Lajqi,	<i>Aerodynamic analysis of the transportation truck moving under the influence of side wind using modelling and simulations</i>	ICEESEN2020, November 2020, Erciyes Universitesi, Kayseri-Turkey	<b>2020</b> , <a href="https://iceesen.com/Home/Index">https://iceesen.com/Home/Index</a>
13	<b>Ilir Doci</b> , Shpetim Lajqi, Makfire Dobratiqi	<i>Dynamic analysis and rotation regulation of small construction crane using schematic modeling</i>	5TH International Conference on Advances in Mechanical Engineering, ICAME2019, Yildiz Technical University, Istanbul, Turkey	<b>2019</b> , <a href="https://www.kongreuzmani.com/5-international-conference-on-advances-in-mechanical-engineering-istanbul-icame-2019.html">https://www.kongreuzmani.com/5-international-conference-on-advances-in-mechanical-engineering-istanbul-icame-2019.html</a>
14	<b>Ilir Doci</b> , Shpetim Lajqi, Gazmend Krasniqi	<i>Stability analysis of Tower crane during rotational motion and influence of wind</i>	INTERNATIONAL REVIEW OF MECHANICAL ENGINEERING (IREME) Vol 12, No. 11 (2018) ISSN: 1970-8734 <a href="https://www.praiseworthyprize.org/journal/index.php?journal=ireme">https://www.praiseworthyprize.org/journal/index.php?journal=ireme</a> Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> SJR 2019: <b>0.27</b> SNIP 2019: <b>0.540</b> ; CiteScore 2019: <b>1.3</b>	<b>2019</b> , <a href="https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=22918">https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=22918</a>
15	Rifat Krasniqi, <b>Ilir Doci</b> , Ahmet Shala, Rinor Berisha	<i>Regulation of Traffic Flow in Small Cities with High Number of Vehicles: Case of Malisheva –Kosovo</i>	INTERNATIONAL REVIEW OF CIVIL ENGINEERING (IRECE) Vol 9, No. 4 (2018) ISSN: 2036-9913 Scopus Indexed: <a href="http://www.Scopus.com">www.Scopus.com</a> SJR 2016: <b>0.445</b> ; SNIP 2016: <b>0.713</b> ; CiteScore 2017: <b>1.02</b>	<b>2018</b> , <a href="https://www.praiseworthyprize.org/journal/index.php?journal=irece&amp;page=article&amp;op=view&amp;path%5B%5D=21903">https://www.praiseworthyprize.org/journal/index.php?journal=irece&amp;page=article&amp;op=view&amp;path%5B%5D=21903</a>
16	<b>Ilir Doci</b> , Naser Lajqi, Shpetim Lajqi	<i>Crawler crane overturning analysis for the case of boom luffing motion</i>	INTERNATIONAL REVIEW OF MECHANICAL ENGINEERING (IREME) Vol 12, No. 2 (2018) ISSN: 1970-8734 <a href="https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=index">https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=index</a> Scopus Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> SJR 2019: <b>0.27</b> SNIP 2019: <b>0.540</b> ; CiteScore 2019: <b>1.3</b>	<b>2018</b> , <a href="https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=21939">https://www.praiseworthyprize.org/journal/index.php?journal=ireme&amp;page=article&amp;op=view&amp;path%5B%5D=21939</a>
17	<b>Prof.dr. Doçi Ilir</b> , Prof.ass. Lajqi Shpetim	<i>Rotational motion of tower crane - dynamic analysis and regulation using schematic modeling</i>	INTERNATIONAL SCIENTIFIC JOURNAL OF MATHEMATICAL MODELING, Year II, Issue 1-2018 ISSN PRINT 2535-0978 Indexed in WorldCat: <a href="https://www.worldcat.org/title/mathematical-modeling-international-">https://www.worldcat.org/title/mathematical-modeling-international-</a>	<b>2018</b> , <a href="https://stumejournals.com/journals/mm/2018/1/21">https://stumejournals.com/journals/mm/2018/1/21</a>



			<a href="http://scientific-journal.oclc/1057791757?referer=di&amp;ht=edition">scientific-journal/oclc/1057791757?referer=di&amp;ht=edition</a>	
18	Prof.asc. Bruqi Mirind, <b>Prof.dr. Doçi Ilir</b> , Prof.asc. Kyçyku Azem, Msc. Morina Blerim	<i>Material deformations analysis in bridge crane during travel motion with full loading</i>	<i>International Journal MACHINES TECHNOLOGIES MATERIALS</i> , Issue 8/2017, PRINT ISSN 1313-0226  Indexed in WorldCat: <a href="http://www.worldcat.org">http://www.worldcat.org</a>	<b>2017</b> ,  <a href="https://stumejournals.com/journals/mtm/2017/8/389">https://stumejournals.com/journals/mtm/2017/8/389</a>
19	<b>Doçi Ilir</b> , Lajqi Naser	<i>Development of schematic design model of gantry crane for dynamic analysis and regulation of travel motion</i>	<i>International Journal for science, technics and innovations for the industry - MACHINES TECHNOLOGIES MATERIALS</i> , Issue 6/2017 PRINT ISSN 1313-0226  Indexed in WorldCat: <a href="http://www.worldcat.org">http://www.worldcat.org</a>	<b>2017</b> ,  <a href="https://stumejournals.com/journals/mtm/2017/6/268">https://stumejournals.com/journals/mtm/2017/6/268</a>
20	Nexhat Qehaja, <b>Ilir Doçi</b> , Mirind Bruçi, Fitore Abdullahu, Kaltriin Jakupi, Fatlume Zhujani	<i>Mathematical modelling of surface roughness through machining parameters and machining time during the dry milling process</i>	27th DAAAM International Symposium ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria  Indexed in <a href="http://www.Scopus.com">www.Scopus.com</a> Indexed in <a href="http://www.ebscohost.com/">http://www.ebscohost.com/</a> and <a href="http://scholar.google.com">http://scholar.google.com</a>	<b>2016</b> ; <a href="http://daaam.info/?page_id=8117">http://daaam.info/?page_id=8117</a>
21	<b>Ilir Doçi</b> , Mirind Bruqi, Nexhat Qehaja	<i>Dynamic analysis and motion control of hydraulic crane for men lifting using modeling and simulations</i>	27th DAAAM International Symposium ISBN 978-3-902734-08-2, ISSN 1726-9679, Vienna, Austria  Indexed in <a href="http://www.Scopus.com">www.Scopus.com</a> Indexed in <a href="http://www.ebscohost.com/">http://www.ebscohost.com/</a> and <a href="http://scholar.google.com">http://scholar.google.com</a>	<b>2016</b> ; <a href="http://daaam.info/?page_id=8117">http://daaam.info/?page_id=8117</a>
22	Prof.asc. Lajqi Naser, <b>Prof.asc. Doçi Ilir</b> , Prof.ass. Lajqi Shpetim, Msc. Vrajolli Burim	<i>The influence of lubrication oils and filters on the oils pressure, temperatures and flow during engine warm-up at summer condition</i>	<i>International Journal MACHINES TECHNOLOGIES MATERIALS</i> Issue 10-2016, PRINT ISSN 1313-0226  Indexed in: DNB, Katalog der Deutschen NationalBibliothek, <a href="https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459">https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459</a>  Indexed in: WorldCat: <a href="http://www.worldcat.org">http://www.worldcat.org</a>	<b>2016</b> ,  <a href="https://stumejournals.com/journals/mtm/2016/10/13">https://stumejournals.com/journals/mtm/2016/10/13</a>
23	<b>Prof.asc. Doçi Ilir</b> , Prof.asc. Lajqi Naser	<i>Truck mounted cranes during load lifting – dynamic analysis and regulation using modelling and simulations</i>	<i>International Journal MACHINES TECHNOLOGIES MATERIALS</i> Issue 8/2016, PRINT ISSN 1313-0226  Indexed in:- DNB, Katalog der Deutschen NationalBibliothek, <a href="https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459">https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459</a>  Indexed in: WorldCat: <a href="http://www.worldcat.org">http://www.worldcat.org</a>	<b>2016</b> ;  <a href="https://stumejournals.com/journals/mtm/2016/8/12">https://stumejournals.com/journals/mtm/2016/8/12</a>
24	LAJQI Naser, <b>DOÇI Ilir</b> , LAJQI Shpetim	<i>Modelling and Simulation of the</i>	Journal <a href="http://www.elsevier.com/locate/IFAC-PapersOnLine">IFAC-PapersOnLine</a>	<b>2016</b> ; <a href="http://www.sciencedirect.com/science/article/pii/S2405896316324843">http://www.sciencedirect.com/science/article/pii/S2405896316324843</a>

		<i>Turbocharged Diesel Engine with Intercooler</i>	<a href="http://www.sciencedirect.com/science/journal/24058963/49/29">http://www.sciencedirect.com/science/journal/24058963/49/29</a> Indexed <a href="http://www.Scopus.com">www.Scopus.com</a> dhe Elsevier Science Direct Indexed in : <a href="http://search.crossref.org/?q=Ilir+Doçi">http://search.crossref.org/?q=Ilir+Doçi</a> Indexed in: WorldCat: <a href="http://www.worldcat.org">http://www.worldcat.org</a>	
25	<b>Ilir Doçi</b> , Beqir Hamidi, Shpetim Lajqi	<i>Dynamic analysis and control of jib crane in case of jib luffing motion using modelling and simulations</i>	Journal <a href="http://www.sciencedirect.com/science/journal/24058963/49/29">IFAC-PapersOnLine</a> <a href="http://www.sciencedirect.com/science/journal/24058963/49/29">http://www.sciencedirect.com/science/journal/24058963/49/29</a> Indexed in <a href="http://www.Scopus.com">www.Scopus.com</a> dhe Elsevier Science Direct Indexed in : <a href="http://search.crossref.org/?q=Ilir+Doçi">http://search.crossref.org/?q=Ilir+Doçi</a> Indexed in : <a href="http://www.worldcat.org">http://www.worldcat.org</a>	2016; <a href="http://www.sciencedirect.com/science/article/pii/S2405896316325320">http://www.sciencedirect.com/science/article/pii/S2405896316325320</a>
26	<b>Ilir Doçi</b> , Beqir Hamidi	<i>Studying rotational motion of luffing boom cranes with maximum load using simulations</i>	International Journal MACHINES TECHNOLOGIES MATERIALS, Issue 12 / 2015, Bulgaria, ISSN 1313-0226 Indexed in: DNB, Katalog der Deutschen NationalBibliothek, <a href="https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459">https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459</a> Indexed in: Road Directory of Open Access Scholarly Resources <a href="http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0">http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0</a>	2015; <a href="http://stumejournals.com/mtm.html">http://stumejournals.com/mtm.html</a> ; Issue 12 /2015, <a href="https://stumejournals.com/journals/mtm/2015/12/20">https://stumejournals.com/journals/mtm/2015/12/20</a> Indexed in: <a href="http://www.worldcat.org">www.worldcat.org</a> <a href="http://www.worldcat.org/search?h?q=1313-0226&amp;qt=results_page">http://www.worldcat.org/search?h?q=1313-0226&amp;qt=results_page</a>
27	<b>Ilir Doçi</b> , Shaban Buza, Agron Pajaziti, Valon Cakolli	<i>Studying dynamic effects of motion of telpher on console cranes using simulations</i>	© Journal of the Technical University – Sofia, Plovdiv branch, Bulgaria “Fundamental Sciences and Applications” Vol. 21, 2015, ISSN 1310-8271 Baza e të dhënave të indeksimit të zhurnalit: <a href="http://www.worldcat.org/search?qt=worldcat_all&amp;q=1310-8271">http://www.worldcat.org/search?qt=worldcat_all&amp;q=1310-8271</a> Indexed in: ZbMath, <a href="https://zbmath.org">https://zbmath.org</a> <a href="https://www.zentralblatt-math.org/serials/en/search/?an=00002213">https://www.zentralblatt-math.org/serials/en/search/?an=00002213</a>	2015; <a href="http://www.tu-plovdiv.bg/journal_volume_open.php?volume=64">http://www.tu-plovdiv.bg/journal_volume_open.php?volume=64</a> ; Book 2; <a href="http://www.tu-plovdiv.bg/content/files/TECHSYS15_Book2_438.pdf">http://www.tu-plovdiv.bg/content/files/TECHSYS15_Book2_438.pdf</a>
28	<b>Ilir Doçi</b> , Beqir Hamidi, Jeton Zeka	<i>Influence of load swinging on dynamic behavior of l-type portal cranes during forward travelling</i>	International Journal MACHINES TECHNOLOGIES MATERIALS Issue 7 / 2015, p.69. Bulgaria, ISSN 1313-0226 Indexed in: DNB, Katalog der Deutschen NationalBibliothek, <a href="https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459">https://portal.dnb.de/opac.htm?method=simpleSearch&amp;cqlMode=true&amp;query=idn%3D1018201459</a> Indexed in: Road Directory of Open Access Scholarly Resources <a href="http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0">http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0</a>	2015; <a href="http://www.mech-ing.com/journal/Archive/2015/7-2015.pdf">http://www.mech-ing.com/journal/Archive/2015/7-2015.pdf</a> <a href="https://stumejournals.com/journals/mtm/2015/7/69">https://stumejournals.com/journals/mtm/2015/7/69</a> Indexed in: <a href="http://www.worldcat.org">www.worldcat.org</a> <a href="http://www.worldcat.org/search?h?q=1313-0226&amp;qt=results_page">http://www.worldcat.org/search?h?q=1313-0226&amp;qt=results_page</a>

29	<b>Ilir Doçi</b> , Beqir Hamidi, Bujar Huruglica	<i>Analysis of translational motion of gantry crane with full loading using simulations</i>	Journal from 3rd International Scientific Conference on Engineering "Manufacturing and Advanced Technologies", MAT 2014, Mostar, B&H, 18-20 September 2014	2014 <a href="http://www.mf.unmo.ba">http://www.mf.unmo.ba</a> Link of publication: <a href="https://www.docdroid.net/uyDJUUn/mat2014-conference.pdf.html">https://www.docdroid.net/uyDJUUn/mat2014-conference.pdf.html</a>
30	<b>Ilir Doçi</b> , Musli Bajraktari	<i>Studying the influence of heavy transportation vehicles in congested urban traffic network using traffic simulations</i>	<i>International journal for science, technics and innovations for the industry - MACHINES TECHNOLOGIES MATERIALS</i> , Bulgaria, Page 29-32; ISSN 1313-0226 Indexed in: Road Directory of Open Access Scholarly Resources <a href="http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0">http://road.issn.org/issn/1314-507X-machines-technologies-materials-#.V1CZBtQfbs0</a>	2011; Link of publication: <a href="http://mech-ing.com/journal/3-2011.html">http://mech-ing.com/journal/3-2011.html</a> ;  Indexed in: <a href="http://www.worldcat.org">www.worldcat.org</a> <a href="http://www.worldcat.org/search?q=1313-0226&amp;q=results_page">http://www.worldcat.org/search?q=1313-0226&amp;q=results_page</a>
<b>- In Years 2004 -2010 – Published 11 Scientific International research papers .</b>				

## 12.2. University Publications (Books, Literature, Student books, monographs, etc.) (titles translated from Albanian)

1. Dr.sc. Musli Bajraktari, inxh.dipl. Ilir Doçi, *Collection of solved examples from Transportation devices*, Prishtina 1997.
2. Dr.sc. Musli Bajraktari, inxh.dipl. Ilir Doçi, *Practicum of transport and lifting devices*, Prishtina, 1997
3. Dr.sc. Xhevat Perjuci, Inxh.dipl. Ilir Doçi, *Theory of Elasticity*, (University book), Prishtina, 1999.
4. Mr.sc. Ilir Doçi, *Collection of solved examples of Statics*, Prishtina, 2000.
5. Mr.sc. Ilir Doçi, *Exercises of Technical Drawing and Descriptive Geometry*, Prishtina 2002.
6. Mr.sc. Ilir Doçi, *Collection of solved examples from Traffic transportation device*, Prishtina 2005.
7. Dr.sc. Musli Bajraktari, Dr.sc. Ilir Doçi, *Dynamics of Transportation devices*, Prishtina 2008.
8. Dr.sc. Ilir Doçi, *Logistics of goods transportation*, Prishtina, 2008.
9. Dr.sc. Ilir Doçi, *Automating in road traffic*, Prishtina 2008.
10. Dr.sc. Ilir Doçi, *E-Business*, Prishtina, 2010. (version II – 2014)
11. Dr.sc. Ilir Doçi, *Optimisation methods of transportation devices*, Prishtina, 2010. (version II-2014)
12. Dr.sc. Ilir Doçi, *Road Transportation*, Prishtina, 2010.
13. Dr.sc. Ilir Doçi, *Additional chapters of lectures and exercises of Dynamics of Transportation devices*, Prishtina, 2010.
14. Dr.sc. Musli Bajraktari, Dr.sc. Ilir Doçi, *Technical Drawing*, Prishtina, 2010.
15. Dr.sc. Ilir Doçi, *Transport and logistics*, Prishtina, 2011.
16. Dr.sc. Ilir Doçi, *Transportation properties of goods in traffic*, Prishtina, 2011.
17. Dr.sc. Ilir Doçi, *Data Security*, Prishtina, 2012.
18. Dr.sc. Ilir Doçi, *Safety of transportation devices I – Mechanical constructions*, Prishtina, 2012.
19. Dr.sc. Ilir Doçi, *Safety of transportation devices II – Motor Vehicles*, Prishtina, 2012.
20. Dr.sc. Ilir Doçi, *Exercises in Optimisation methods of transportation devices*, Prishtina, 2012.
21. Prof.dr. Musli Bajraktari, Dr.sc. Ilir Doçi, *Engineering Graphics*, Prishtina, 2012.
22. Prof.dr. Musli Bajraktari, Dr.sc. Ilir Doçi, *Freight Forwarding*, 2013.
23. Dr.sc. Ilir Doçi, *Information systems of road network operators*, Prishtina, 2013. (version II-2014)
24. Dr.sc. Ilir Doçi, *Technology of materials*, AKM, Prishtina, 2013.



25. Dr.sc. Ilir Doçi, <i>Introduction to operating systems</i> , AKM, Prishtina, 2013.
26. Dr.sc. Ilir Doçi, <i>Algorithms and programming</i> , AKM, Prishtina, 2014.
27. Dr.sc. Ilir Doçi, <i>Advanced software engineering</i> , Prishtina, 2014.
28. Dr.sc. Ilir Doçi, <i>Introduction to engineering software</i> , Student book, Prishtina, 2015.
29. Dr.sc. Ilir Doçi, <i>Introduction to engineering software – exercises – LabView software</i> , Prishtina, 2015.
30. Dr.sc. Ilir Doçi, <i>Technique of traffic</i> , Prishtina, 2016.
31. Dr.sc. Ilir Doçi, <i>Web applications</i> , Prishtina, 2016.
32. Dr.sc. Ilir Doçi, <i>Technical Logistics (Intralogistics)</i> , Prishtina, 2017.
33. FME Publishing Council, <i>Monograph-50 years of the Faculty of Mechanical Engineering 1967-2017</i> , Prishtina, 2017. (ISBN 978-9951-00-210-3)
34. Prof. Dr.sc. Ilir Doçi, <i>Air Traffic</i> , Teaching book, Prishtina, 2017. (ISBN 978-9951-708-29-6)
35. Prof. Dr.sc. Ilir Doçi, <i>Logistics Management</i> , Prishtina, 2018.
36. Prof.dr.sc. Ilir Doçi, <i>Solved Examples with LabView software</i> , Teaching book, Prishtina, 2018. (ISBN 978-9951-708-40-1)
37. Prof.dr.sc. Ilir Doçi, <i>MEMS-Micro-Electro-Mechanical Systems</i> , Prishtina, 2019.
38. Prof.dr.sc. Ilir Doçi, <i>Mechatronic technologies in the food packaging</i> , Prishtina, 2019.
39. Prof.dr.sc. Ilir Doçi, <i>Exercises in Air traffic and Transport, Using OpenVSP Software for design and modelling of aircraft</i> , Prishtina, 2019.
40. Prof.dr.sc. Ilir Doçi, <i>Modelling and analysis of MEMS devices – Exercises with the application of Comsol software</i> , Prishtinë, 2020.
41. Prof.dr.sc. Ilir Doçi, <i>Mechatronic technologies in the food packaging – Analysis with the software Arena simulation</i> , Prishtina, 2020.
42. Prof.dr. Ilir Doçi, <i>Creating GIS (Geographic Information System) digital maps, Examples and tasks using QGIS Software</i> , Prishtina, 2021.
43. Prof.dr. Ilir Doçi, <i>Data structures and algorithms</i> , Prishtina, 2022.
44. Prof.dr. Ilir Doçi, <i>Software engineering, Lectures book</i> , Prishtina, 2023.
45. Prof.dr. Ilir Doçi, <i>Software engineering, Development of Desktop applications with Visual Studio C++, Prishtina, Exercises book</i> , 2024.
46. Prof.dr. Ilir Doçi, <i>Modeling and analysis of mechanical systems with Simwise 4D software, Exercises book of Dynamics of transportation vehicles</i> , 2025.

### 13. Education, trainings and mobility (in previous 9 years):

<i>Dates:</i>	<b>11-14.12.2024, Borovets-Bulgaria</b>
<i>Program:</i>	<b>VIII International Scientific Conference “Mathematical Modeling”, 2024</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	Scientific Technical Union of Mechanical Engineering, Bulgaria.
<i>Program:</i>	<b>International Project of Higher Education ERASMUS +, Mobility of Academic Staff for training</b>
<i>Principal subjects / occupational skills covered:</i>	<b>Visiting professor, research, training</b>
<i>Name and type of institution:</i>	University North, Koprivnica, Croatia
<i>Dates:</i>	<b>07-10.12.2022, Borovets-Bulgaria</b>
<i>Program:</i>	<b>VII International Scientific Conference “Industry 4.0”, 2022</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	Scientific Technical Union of Mechanical Engineering, Bulgaria.
<i>Dates:</i>	<b>24-30 April 2022, Varazdin, Croatia</b>
<i>Program:</i>	<b>International Project of Higher Education ERASMUS + KA107, Mobility of Academic Staff</b>

<i>Principal subjects / occupational skills covered:</i>	<b>Visiting professor, organizing of lectures</b>
<i>Name and type of institution:</i>	University of Zagreb, Faculty in Varazdin, Croatia
<i>Dates:</i>	<b>22-25 April 2021, New York, USA</b>
<i>Program:</i>	<b>International Conference on Life Sciences, Engineering and Technology, ILSET2021</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Virtual International Conference
<i>Name and type of institution:</i>	<b>The University of New Orleans, Indiana University, Universiteit Leiden, ISTES - International Society for Technology, Engineering and Science</b>
<i>Dates:</i>	<b>21-24.06.2021, Varna-Bulgaria</b>
<i>Program:</i>	<b>XXIX International Conference - Trans&amp;MOTauto 2021</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	Scientific Technical Union of Mechanical Engineering, Industry 4.0 - Bulgaria.
<i>Dates:</i>	<b>19-21 November 2020, Kayseri, Turkey</b>
<i>Program:</i>	<b>International Conference on Energy, Environment and Storage of Energy (ICEESEN 2020)</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the International Conference
<i>Name and type of institution:</i>	Erciyes University, Kayseri - Turki
<i>Dates:</i>	<b>17-19 December 2019, Istanbul, Turkey</b>
<i>Program:</i>	<b>5TH International Conference on Advances In Mechanical Engineering, ICAME2019.</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the International Conference
<i>Name and type of institution:</i>	Yildiz Technical University, Istanbul, Turkey
<i>Dates:</i>	<b>23-30 June 2019, Sozopol-Bulgaria</b>
<i>Program:</i>	<b>Project CEEPUS III</b>
<i>Principal subjects / occupational skills covered:</i>	CAD systems and automated systems, Participation in Conference
<i>Name and type of institution:</i>	Technical University of Sofia, Faculty of Mechanical Engineering, Bulgaria
<i>Dates:</i>	<b>14-16.11.2018, Ljubjana, Slovenia</b>
<i>Program:</i>	<b>Workshop on Start-ups and Technology Transfer in Innovation Ecosystems in South-East Europe and the Alpine Region</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Workshop
<i>Name and type of institution:</i>	European Commission Joint Research Centre, Intellectual Property and Technology Transfer
<i>Dates:</i>	<b>03-06.07.2018, Zagreb, Croatia</b>
<i>Program:</i>	<b>Investment Readiness of Innovation Projects in South-East Europe</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Workshop
<i>Name and type of institution:</i>	European Commission Joint Research Centre & Faculty of Mechanical Engineering and shipbuilding, Zagreb
<i>Dates:</i>	<b>19-26 June 2017, Varna-Bulgaria</b>
<i>Program:</i>	<b>Project CEEPUS III</b>
<i>Principal subjects / occupational skills covered:</i>	CAD systems and automated systems, Participation in Conference
<i>Name and type of institution:</i>	Technical University of Sofia, Faculty of Mechanical Engineering, Bulgaria
<i>Dates:</i>	<b>19 06-22.06.2017, Varna-Bulgaria</b>
<i>Program:</i>	<b>IIIrd International Congress "Innovation in Engineering 2017"</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Congress
<i>Name and type of institution:</i>	Scientific Technical Union of Mechanical Engineering - Bulgaria
<i>Dates:</i>	<b>26-28 October 2016, Durres, Albania</b>
<i>Program:</i>	<b>International Conference – TECIS 2016</b>

<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	International Federation of Automation and Control – IFAC, Austria
<i>Dates:</i>	20 June – 23 June 2016, Croatia
<i>Program:</i>	<b>Alled – Financed by Austrian Development Cooperation and EU</b>
<i>Name and type of institution:</i>	Development of curriculums for Mechatronics based on labor market requirements. Development of professional standards and qualifications for Mechanical Engineering.
<i>Dates:</i>	April 2016
<i>Program:</i>	<b>Project “Development of Man-Machine Interface for Artificial Hand”</b>
<i>Principal subjects / occupational skills covered:</i>	Project Development
<i>Name and type of institution:</i>	Financed by Ministry of Education, Science and Technology of Republic of Kosova
<i>Dates:</i>	25.06.2015, Varna-Bulgaria
<i>Program:</i>	<b>International Conference - Trans&amp;MOTauto '15</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	Scientific Technical Union of Mechanical Engineering - Bulgaria.
<i>Dates:</i>	23-31 May 2015, Sofia-Bulgaria
<i>Program:</i>	<b>Project CEEPUS III</b>
<i>Principal subjects / occupational skills covered:</i>	<b>CAD systems and automated systems.</b>
<i>Name and type of institution:</i>	Technical University of Sofia, Faculty of Mechanical Engineering, Bulgaria
<i>Dates:</i>	28 May 2015, Plovdiv-Bulgaria
<i>Program:</i>	<b>International Conference TECHSyS 2015</b>
<i>Principal subjects / occupational skills covered:</i>	Participation in the Conference
<i>Name and type of institution:</i>	Technical University of Sofia- Branch Plovdiv, Bulgaria
<b>14. Additional Informations:</b>	
<i>Mentoring of candidates:</i>	<ul style="list-style-type: none"> <li>- January 2012– March 2019 - Mentor of 39 candidates of Bachelor studies</li> <li>- May 2012 – October 2021 – Mentor of 32 candidates of Master studies</li> <li>- 1 Phd graduated candidate - External Supervisor-Comentor, University of Bitola, Technical Faculty, Macedonia.</li> </ul>
<i>Organization skills and competences:</i>	<ul style="list-style-type: none"> <li>- Expertise, technical controls and professional evaluations of mechanical devices and systems, control of mechanical devices, automotive systems, renewable energy devices,</li> <li>- Expertise, technical controls and professional evaluations of transportation devices and transportation systems,</li> <li>- Implementation of information systems in engineering, scientific research, projects, application of interactive methods of teaching,</li> <li>- Participation in a number of International Conferences,</li> </ul>
<i>Computer skills and competences:</i>	<ul style="list-style-type: none"> <li>- Knowledge of computers hardware, computer networks and server systems.</li> <li>- Programming languages: C++, Visual C++/CLI, Html, MySQL, Visual Basic</li> <li>- Applications: Word, Excel, Access, CorelDraw, Photoshop, QuarkXpress, MathCad, etc.</li> <li>- Web design: Front Page, Expression Web, Shop Factory,</li> <li>- Server applications: Windows Server, MS Exchange, MS-SQL, Share Point.</li> <li>- Engineering software: AutoCAD, Inventor, Nastran, Femap, MSC Adams, SimWise 4d, LabView, Arena Simulation, Comsol Multiphysics, MapleSim, Open VSP.</li> <li>- Lifting devices software: Compu-Crane; DigiPara Lift Design</li> <li>- Traffic and logistics software: Trafficware - SimTraffic, PTV WisSim, QGIS, VirtualCrash 3d.</li> </ul>

<b>15. Language knowledge and skills: (1 to 5: 1 poor - 5 fluent)</b>			
<i>Language</i>	<i>Conversation</i>	<i>Writing</i>	<i>Reading</i>
English	5	5	5
German	5	4	5
Serbian-Croatian	5	5	5