## Personal information

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|---|---|
| First name(s) / Surname(s) | **Aleksandar Vujovic** |
| Address(es) | Studentska L2/14, 81000, Podgorica, Montenegro (remove if not relevant, see instructions) |
| Telephone(s) | +38281242907    Mobile:  +38267812939 |
| | +38269812939 |
| Fax(es) | +38281242907 |
| E-mail | aleksv@ucg.ac.me |
| Nationality | Montenegro |
| Date of birth | 08.10.1974 |
| Gender | male |

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| **Desired employment / Occupational field** | Industrial engineering, Flexible technological systems, Quality management system, Organisatisation, Innovation and Competitiveness |

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| **Work experience** | • 2000-2004, Assistant on Faculty of Mechanical Engineering Podgorica |
| Dates | • 2008-2014, Docent on Faculty of Mechanical Engineering Podgorica, |
| | • 2014-2019, Associated Professor on Faculty of Mechanical Engineering Podgorica |
| | • 2019-, Full Professor on Faculty of Mechanical Engineering Podgorica |
| | • 2014-2016, Vice Dean on Faculty of Mechanical Engineering Podgorica |
| | • 2015-2016, Acting Dean on Faculty of Mechanical Engineering Podgorica |
| | • 2015-2017, Director of Center for study and quality control at University of Montenegro |
| Occupation or position held | Full Professor |
| Main activities and responsibilities | |
| Name and address of employer | University of Montenegro-Dzordza Vasingtona bb Higher Education |
| Type of business or sector | |

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| **Education and training** | • Intelligent Systems - FH Aachen-APS-European Centre for Mechanotronics / Germany, February-March 2012. |
| Dates | • Improving the quality of teaching at the University - University of Minho - PORTUGAL, APRIL 2014 |
| | • Training for benchmarking and performance improvement processes - University of Ljubljana, Slovenia, December 2014 |
| Title of qualification awarded | • Training on Improving Quality in Higher Education - Faculty of Mechanical Engineering in Bucharest, Romania Bucharest, October 2011 |
| Principal subjects/occupational skills covered | • Training on innovation and involvement in the teaching process, Univeryitet in Sofia, Bulgaria, June, 2012 |
| Name and type of organisation providing education and training | |
| Level in national or international classification | |

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| **Personal skills and competences** | Quality Assurance, Accreditation, Sertification, Compueter skills (expert systems tool, Neural Networks, Multicriteria Decision Making, Genetic algorithm..) |
| Mother tongue(s) | Montenegrins |
| Other language(s) | English |

| Self-assessment | Understanding | | | | Speaking | | | | Writing | |
|---|---|---|---|---|---|---|---|---|---|---|
| *European level (\*)* | Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| **Language** | 4 | English | 4 | English | 4 | English | 4 | English | 3 | English |
| **Language** | | | | | | | | | | |

*(\*) Common European Framework of Reference for Languages*

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| Social skills and competences | Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions) |
| Organisational skills and competences | Secretary of national and international conference about Quality management Systems, Quality manager in National Accreditation Body<br>Member of Centar for young scientist in national Science Academy<br>Member of organizing commitee of five 15 Conference SQM<br>Member of program's commitee of five 5 Conference SQM<br>Organizational secretary of five 10 Conference SQM<br>Member of organizing commitee of four (15) Conference ICQME<br>Vice dean<br>Acting Dean<br>Director of Center for study and quality control at University of Montenegro<br>President of Board Director of National Accreditation Body |
| Technical skills and competences | 21 projects Quality Management System,  9 projects laboratory accreditation, 2 projects for "Polices and strategy development in the field of service", 8 scientific research projects with university from France and Slovenia, 2 project for Improvement management system for safety in food production, 1 Ipa Adriatic Project, 3 Tempus project.<br><br>Now, I am involve in:<br>1. 2 projects in field of Quality management systems,<br>2. 2 projects in field of Integrated management systems,<br>3. I am coordinator and responsible person for module C (research, technology development, innovation, technology transfer, know-how transfer etc.) in project European centre for innovation and information in European Enterprise Network (consortium National Agency for SME, Chamber of economy, Business start up Centre -Bar and Faculty of Mechanical Engineering)<br> 4. 3 Erasmus + projects |
| Computer skills and competences | • 1 project for project information system<br>• artificial intelligence especially field of expert systems and neural networks<br>• flexible technology systems-CNC programming<br>• projecting systems for data base managing |
| Artistic skills and competences | Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions) |
| Other skills and competences | 1. "LUCA" award for achievement in primary and secondary school,<br>2. Stipend of "Zeljezara-Niksic" for talent students in graduate studies day,<br>3. Stipend of "Siemens" for talent students in postgraduate studies day,<br>4. "Trimo" international award on international competition for best doctoral dissertation,<br>5. 134 science papers on national journals and conference,<br>6. 98 science papers on international journal and conference,<br>7. Member of AFNOR-France body for certification,<br>8. TUV Rheiland diploma for Eco hotel system implementation, |
| Driving licence | B |
| **Additional information** | Include here any other information that may be relevant, for example contact persons, references, etc. (Remove heading if not relevant, see instructions) |

**Annexes**

List any items attached. (Remove heading if not relevant, see instructions)
Part of bibliography (most relevant)

1. Vujovic, A., Krivokapic, Z. (2006). *Implementation of information technology for the purpose of QMS improvement*, Journal of Mechanical Engineering 52 (7-8), pp.477-483. ISSN 0039-2480

2. Vujovic, A., Krivokapic, Z., Sokovic, M. (2011). *Improvement of Business Processes Performances through Establishment of the Analogy: Quality management System – Human Organism*. Journal of Mechanical Engineering, 57 (2), pp.151-161. ISSN 0039-2480

3. Vujovic, A., Đorđević, A., Gojković, R., Borota, M. (2017). *ABC Classification of Risk Factors in Production Supply Chains with Uncertain Data*, Mathematical Problems in Engineering, 2017(1), pp.1-11. ISSN 1563-5147.

4. Vujović, A., Todorovic, P., Stefanovic, M., Vukicevic, A., Vaskovic-Jovanovic, M., Macuzic, I., Stefanovic., N. (2019). *The Development and Implementation of an Aquaponics Embedded Device for Teaching and Learning Varied Engineering Concepts*, International Journal of Engineering Education, 35(1A), pp. 88–98. ISSN 0949-149X.

5. Jovanovic, J., Krivokapic, Z., Vujovic, A. (2013). *Evaluation of environmental impact using backpropagation neural network*, Kybernetes, 42(5), pp. 698-710. ISSN 0368-492X.

6. Sokovic, M., Jovanović, J., Krivokapić, Z., Vujović, A. (2009). *Basic Quality Tools in Continuous Improvement Process.* Journal of Mechanical Engineering, 55 (5), pp. 1-9. ISSN 0039-2480

7. Aleksandar Vujović, Jelena Jovanović, Zdravko Krivokapić, Sanja Peković, Mirko Soković, Davorin Kramar. The relationship between innovations and Quality Management System. Technical Gazzete. 24, 2(2017), 551-556

8. Aleksandar Vujović, Zdravko Krivokapić, Miladin Stefanović and Jelena Jovanović. Development of Expert System by using Logical Coparative Conclusion in the Function of Organizational Performance Improvement. Technical Gazzete. Vol. 26 No. 2, 2019.

9. Jelena Šaković Jovanović, Cristiano Fragassa, Zdravko Krivokapić, Aleksandar Vujović. Environmental Management Systems and Balanced Scorecard: An Integrated Analysis of the Marine Transport. *J. Mar. Sci. Eng.* 2019, 7(4), 119.

10. Jelena Šaković Jovanović, Radoje Vujadinović, Elizabeta Mitreva, Cristiano Fragassa and Aleksandar Vujović. The Relationship between E-Commerce and Firm Performance: The Mediating Role of Internet Sales Channels. Sustainability 12(17):6993

11. Vujović, A., Krivokapić, Z., Stefanović, M., Pešić, V., Jovanović, J. (2018). *Integrated Lake Basin Management for Lake Skadar/Shkodra*. *In:* Barceló, D., Kostianov, A. (Ed.). *The Skadar/Shkodra Lake Environment _ The Handbook of Environmental Chemistry*. Publisher: Springer, Cham _ Switzerland. Vol. 80, pp. 447-457. ISBN: 978-3-319-99249-5 (print), 978-3-319-99250-1 (online).

12. Vujovic, A., Krivokapic, Z. (2011). *Inteligent system for decision making support based on BCM approach*. International Journal for Quality Research, 5(1), pp. 47-53. ISSN 1800-6450

13. Arsovski, S., Vujović, A., Mišić, M., Nestić, S., Dabetić, M., Gvozdenović, T. (2014). *Mjerenje i praćenje performansi IMS-a.* Integrisani sistemi menadžmenta. 2014. pp. 375-450. ISBN: 978-86-86663-97-9. Izdavač: Fakultet inženjerskih nauka, Kragujevac

14. Vujovic, A., Krivokapic, Z., Jovanovic, J., Pekovic, S., Micunovic, R. (2013). *Business process improvement by applying benchmarking based model,* International Journal for Quality Research, 7(3), pp. 373-382. ISSN 1800-6450

15. Vujović, A., Krivokapić, Z., Jovanović, J. (2014). *Application of Intelligent Technological Systems in Order to Increase Efficiency of the Lock Chamber System in Hydro Power Plants*, Applied Mechanics and Materials, 806(1), pp. 64-73. ISSN 1662 7482

16. Vujović A., Krivokapić Z., Grujičić R., Jovanović J., Pavlović A. Combining FEM and Neural Networking in the Design of Optimization of Traditional Montenegrin Chair. FME Transactions. 44(4):374-379

17. Diaye, M., Jovanovic, J., Krivokapic, Z., Pekovic, S., Vujovic, A., (2008). *Difficulties in ISO 9001 implementation in Manufacturing and Service Organizations: Empirical Evidence from Serbia-Montenegro*, International Journal for Quality Research, 2(1), pp. 35-40. ISSN 1800-6450,