



# Europass Curriculum Vitae



## Personal information

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Nationality Montenegrin  
Date of birth 18. 09. 1974.  
Sex female

## Work experience

Name and address of employer	<b>University of Montenegro (Faculty of Mechanical Engineering), Cetinjska 2, 81000 Podgorica</b>
2021 - now	<b>Full professor</b> (Field of interest: Industrial engineering; Teaching courses: Programming, Production management, Industrial dynamics, Maintenance, Resource Management, Quality and Management, Quality Standards, Risk management, Performance Management)
2016 - 2021	<b>Associate professor</b> (Teaching courses: Programming, Production management, Industrial dynamics, Maintenance, Resource Management, Quality and Management,)
2010 - 2016	<b>Assistant professor</b> (Teaching courses: Programming, Production management, Industrial dynamics, Maintenance)
2000 - 2010	<b>Teaching assistant</b> (Teaching courses: Programming, Organisation and Management, Organisation and Management in traffic, Engineering economy)
2016-2021	<b>Coordinator for international cooperation at the Faculty of Mechanical Engineering</b>
2019-2021	<b>Director of study programme Mechanical Engineering</b>
2021 - now	<b>Vice-Dean for international cooperation at the Faculty of Mechanical Engineering</b>
2020 – now	<b>Member of the Quality System Management Committee</b>
2020 – now	<b>Member of the Master Study Monitoring Committee at the University of Montenegro</b>
2021-2022	<b>Member of the Committee for Doctoral Studies at the University of Montenegro</b>
2021- now	<b>Member of the Board of Directors of ATCG (Accreditation Body of Montenegro)</b>
2021 – now	<b>Member of the Technical Committee for awarding the mark of visual marking of Montenegrin products within the Chamber of Commerce of Montenegro</b>

## Education

- 2010 **Doctor of technical science (PhD)** (Title of thesis: *Model of improving environmental management system by multi - software*) – Faculty of Mechanical Engineering, University of Montenegro, Reward "TRIMO" for a doctoral dissertation at an international competition
- 2005 **Master of science (MSc)** (Title of thesis: *ICT implementation on modeling the quantification of environmental aspects*)– Faculty of Mechanical Engineering, University of Montenegro
- 2000 **Graduated mechanical engineer** (Title of thesis: *Inventory Management in the sector of classic refrigerators HI OBOD-Cetinje*) - Faculty of Mechanical Engineering, University of Montenegro
- 1993 **Gymnasium Cetinje, Programming—mathematical direction, reward Luča**

## Trainings

- Manager of QMS (Quality Management System)
- Manager of EMS (Environmental Management System)
- Consultant for implementation of HACCP concept
- "Eco hotel" auditor
- External auditor for Quality Management System (training in organisation of SIQ-a – Slovenian Institute for Quality)
- Trainer for Energy for Management System (ISO 5001)
- Consultant for accreditation of testing laboratory and laboratory for calibration in accordance with standard ISO/IEC 17025
- Consultant for accreditation of control bodies in accordance with ISO/IEC 17020

## Personal skills and competences

Mother tongue(s)  
Other language(s)

**Montenegrin**

**English**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Speech production		
B2	B2	B2	B2	B2	

## Organisational skills and competences

Member of the Program Board, organising board and organising secretary of SQM conferences (Quality Management System)

Member of the organising committee and organising secretary of the international conference ICQME (International Conference of Quality, Management, Environment, Education, Engineering)

Member of the International Editorial Board of the International Journal of Strategic Management Decision Support Systems in Strategic Management.

Participation in projects	<p>&gt; 30 projects of implementation Quality management system in accordance with ISO 9001</p> <p>&gt; 20 projects of implementation Integrated Management Systems (in accordance with standards ISO 9001, ISO 14001, OHSAS 18001, EN 45001)</p> <p>2 projects of control body accreditation (ISO 17020)</p> <p>5 projects of laboratory accreditation (ISO 17025)</p> <p>1 project of certification body accreditation (EN 45011)</p> <p>5 projects for implementation HACCP system</p> <p>National scientific research project funded by the Ministry of Science named »Improving the performance of business processes based on the management system by applying artificial intelligence » 2005-2007.</p> <p>National scientific research project funded by the Ministry of Science named »Improving the management of environmental protection with a system of balanced objectives by applying software for BSC», 2009 -2011.</p> <p>National scientific research project funded by the Ministry of Science named “Research on the impact of innovation on sustainable success on the examples of certified organizations” 2012-2014</p> <p>Scientific research project «Eco Net» with Univerzcity of Evry-Pariz, 2006-2010</p> <p>EEN (Enterprise Europe Network) project</p> <p>IPA Adriatic project: „Bridge technical differences and social suspicions contributing to transform the Adriatic area in a stable hub for a sustainable technological development”-ADRIA HUB</p> <p>Tempus project: „Improvement of partnership with Enterprises by enhancement of a regional Quality Management Potentials in WBC”, No: 543662 – TEMPUS – 1-2013-1-ME-TEMPUS-JPHES</p> <p>Erasmus+ project Rebus - REady for BUSiness - Integrating and validating practical entrepreneurship skills in engineering and ICT studies. No: 573664-EPP-1-2016-BA-EPPKA2-CBHE-JP</p> <p>Erasmus+ project eVlva - . Enhancing and Validating service related competences in Versatile learning environments in Western Balkan Universi&amp;es, No: 598307-EPP-1-2018-1-AL-EPPKA2-CBHE-JP</p> <p>Erasmus+ project KnowHub - Reconnecting universities and enterprises to unleash regional innovation and entrepreneurial activity, No: 610093-EPP-1-2019-1-AT-EPPKA2-CBHE-JP</p> <p>Erasmus+ project Success - Sustainable University - Enterprise Cooperation for Improving Graduate Employability, No: 618975- EPP-1-2020-1-BA-EPPKA2-CBHE-JP</p> <p>Erasmus+ project IoT-ECO - IoT zelena transformacija za akademsko društvo i poslovno orjentisan ekosistem na Zapadnom Balkanu</p> <p>Bilateral scientific research project: “Improvement of the environmental protection management system using multi-software”, between the Faculty of Mechanical Engineering of the University of Ljubljana and the Faculty of Mechanical Engineering of the University of Montenegro, the Ministry of Science of Montenegro and the Ministry of Science of Slovenia, 2009-2011</p> <p>Bilateral scientific research project: “Analysis of the impact of innovations and innovativeness on improving the performance of business processes” between the Faculty of Mechanical Engineering of the University of Ljubljana and the Faculty of Mechanical Engineering of the University of Montenegro, the Ministry of Science of Montenegro and the Ministry of Science of Slovenia, 2014-2016.</p> <p>Bilateral scientific research project: “Research on the development of entrepreneurship and entrepreneurial competencies in engineering” between the Faculty of Mechanical Engineering of the University of Ljubljana and the Faculty of Mechanical Engineering of the University of Montenegro, the Ministry of Science of Montenegro and the Ministry of Science of Slovenia, 2021-2022.</p> <p>Bilateral scientific research project: “Development of a model for improving the performance of business processes by applying benchmarking on the example of innovation”, between University Goce Delčev, Štip and the Faculty of Mechanical Engineering of the University of Montenegro, 2016-2017.</p> <p>Inovation voucher: Creation and testing of experimental samples obtained by 3D printing</p> <p>CEI KEP project “Composites for all advanced materials for a modern, improved, and sustainable society”, No: 304.4.3 -20</p> <p>Interreg Adrion project Crescento – „CiRcular Economy Skills enhanCEment NeTwOrk</p>
<b>Computer skills and competences</b>	<p>Matlab</p> <p>QPR software programme for Balanced Scorecard implementation</p> <p>Java programming language</p> <p>Expert Choice for application of AHP method (MCDM methods)</p> <p>Microsoft Office</p>
Driver licence	B

## List of most important references

### Books:

1. **Jelena Jovanović**, Zdravko Krivokapić, "PROGRAMMING", University of Montenegro, Faculty of Mechanical Engineering, Podgorica, 2011, ISBN 978-9940-527-14-3.
2. Aleksandar Vujović, Milan Perović, Zdravko Krivokapić, **Jelena Jovanović**, "INDUSTRIAL ENGINEERING", University of Montenegro, Faculty of Mechanical Engineering, Podgorica, 2014, ISBN 978-9940-527-38-9.
3. **Jelena Jovanović**, Milan J. Perović, »PRODUCTION MANAGEMENT«, University of Montenegro, Faculty of Mechanical Engineering, Podgorica, 2015, ISBN 978-9940-527-42-6
4. **Jelena Jovanović**, Zdravko Krivokapić, Mirko Soković, Aleksandar Vujović, Sabrija Ramović, "STRATEGIC MANAGEMENT SYSTEM BALANCED SCORECARD", SaTCIP, Vrnjačka Banja, 2011, ISBN 978-86-6075-029-9.
5. **Jelena Jovanović**, Aleksandar Vujović, Zdravko Krivokapić, Sanja peković, Davorin Kramar i Mirko Soković, "INNOVATIONS AND INNOVATIVENESS", Vrnjačka Banja: SaTCIP, 2015. ISBN 978-86-6075-057-2. [COBISS.SI-ID [220565260](#)]
6. Krivokapić, Z., **Jovanović, J.**, Vujović, A., Peković, S. QUALITY IN TOURISM. University of Montenegro, Faculty of Mechanical Engineering, Podgorica, 2016, ISBN: 978-9940- 527-47-

### Papers in SCI/SCIE:

7. Vujadinović, R, **Šaković Jovanović, J.**, Plevnik, A., Mladenović L., Rye T. (2021). *Key Challenges in the Status Analysis for the Sustainable Urban Mobility Plan in Podgorica, Montenegro*, Sustainability, 13(3), 1037. ISSN 2071-1050.
8. **Jovanović, J.**, Mijailović, Đ., Đorđević, A., Stefanović, M. (2020). *Application of Prototyping Microprocessor Board and Cloud System to Teach Industry 4.0 Concepts*, International Journal of Engineering Education, 36(3), pp. 929-939. ISSN 0949-149X.
9. **Šaković Jovanović, J.**, Vujadinović, R., Mitreva, E., Fragassa, C., Vujović, A. (2020). *The Relationship between E-Commerce and Firm Performance: The Mediating Role of Internet Sales Channels*, Sustainability, 12(17), 6993. ISSN 2071-1050.
10. Moric, I, **Šaković Jovanović, J.**, Đoković, R., Peković, S., Perović, Đ. (2020). *The Effect of Phases of the Adoption of the Circular Economy on Firm Performance: Evidence from 28 EU Countries*, Sustainability, 12(6), 2557. ISSN 2071-1050.
11. Krivokapić, Z., Vučurević, R., Kramar, D., **Šaković Jovanović, J.** (2020). *Modelling Surface Roughness in the Function of Torque When Drilling*, Metals, 10 (3), 337. ISSN 2075-4701.
12. **Šaković Jovanović, J.**, Fragassa, C., Krivokapić, Z., Vujović, A. (2019). *Environmental Management Systems and Balanced Scorecard: An Integrated Analysis of the Marine Transport*, Journal of Marine science and Engineering, 7 (4), 119. ISSN 2077-1312.
13. Vujovic, A., Krivokapić, Z., Stefanović, M., **Jovanović, J.** (2019). *Development of Expert System by using Logical Coparative Conclusion in the Function of Organizational Performance Improvement*, Technical Gazette, 26(2), pp. 373-379. ISSN 1330-3651.
14. Vujovic, A., **Jovanović, J.**, Krivokapić, Z., Peković, S., Soković, M., Kramar, D. (2017). *The relationship between innovations and quality management system*, Technical Gazette, 24(2), pp. 551-556. ISSN 1330-3651.
15. Nikolić, I., Arsovski, S., Erić, M., Vujičić, S., Manojlović, G., **Jovanović, J.** (2016) *Overall railway infrastructure effectiveness as a quality factor for Serbia railways*, Technical gazette, Vol.23 No.2,ISSN 1330-3651
16. **Jovanovic, J.**, Krivokapic, Z., Vujovic, A. (2013). *Evaluation of environmental impact using backpropagation neural network*, Kybernetes, 42(5), pp. 698-710. ISSN 0368-492X.
17. Sokovic, M., **Jovanović, J.**, Krivokapić, Z., Vujović, A. (2009), "Basic Quality Tools in continuous improvement process", Strojniški vestnik – Journal of Mechanical Engineering, Vol. 55, No 5. pp. 1-9. UDC 658.5. ISSN: 0039-2480.
18. Krivokapić, Z., Jovanović, J. (2009) *Using Balanced Scorecard to improve Environmental management system*, Strojniški vestnik, Journal of Mechanical Engineering, Vol 55, Number 4, April 2009, pp 262-272, ISSN 0039-2480
19. **Jovanović, J.**, Krivokapić, Z. (2006) *The Application of an Atypical Neural Network when Quantifying the Modeling of Environmental Aspects*, Strojniški vestnik - Journal of Mechanical Engineering, Volume 52, Issue 494, ISSN 0039-2480 2.

## List of most important references

### Other papers

1. Šibalić, M., **Šaković Jovanović**, J., Vujović, J. (2022) Benefits of using Composite materials in the production of sports equipment", International conference of Experimental Numerical Investigations and New Technologies CNNTech, Zlatibor, Serbia, 05-08 July, <http://cnntech.com/docs/Book%20of%20Abstracts%202022.pdf>
2. Šibalić, M., **Šaković-Jovanović**, J., Vujović, A. (2022). 3D Digitalization and modeling of cultural and historical treasures of Montenegro, 2nd Workshop on Structural Integrity of Additively Manufactured Materials SIAMM22, 4th -5th February 2022, Brno, Czech Republic
3. Mijo K.C., Pašić, M., Vucijak, B, **Jovanović-Sakovic**, J., Altin, I., Milojkovic, M., Vujovic, A., Dukagjin, L., Ramic-Brkic, B., Mirza, P., Vatres, A. (2021), "Service related competences education practices in South East Europe", International Journal for Quality Research, SCOPUS, 6(2), 10-17, 1800-6450
4. Fragassa, C., **Šaković Jovanović**, J., Fotouhi, M. (2021), Nanofibre e compositi nel mondo dell'auto. Compositi magazine, XVI-61, 16-19, 2499-6890
5. **Jovanović**, J. (2020). *Upravljanje zaštitom životne sredine primjenom sistema strateškog menadžmenta – Balanced Scorecard (Management of environmental protection using the strategic management system - Balanced Scorecard)*, poglavlje u monografiji Upravljanje lancima snabdijevanja: Multidisciplinarni pristup unapređenju performansi (chapter in the monography Supply Chain Management: A Multidisciplinary Approach to Performance Improvement), Fakultet inženjerskih nauka, Univerzitet u Kragujevcu, pp. 263-284, ISBN 978-86-86663-89-4.
6. **Šaković Jovanović**, J., Avdalović, P. Vujović, A., Krivokapić, Z. (2019). *Approach to the creation of a simulation management model based on an example of selected electric power system*, International Journal of Mechanical and Production Engineering (IJMPE), 7(9), pp. 69-74. ISSN 2320-2092.
7. Vujović, A., Krivokapić, Z., Stefanović, M., Pešić, V. and **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. 80, pp. 447-457. ISBN: 978-3-319-99249-5 (print), 978-3-319-99250-1 (online)
8. **Jovanovic**, J., Krivokapic, Z., Vujovic, A., Avdalovic, P. (2017). *Correlation between Knowledge Management and Standard ISO 9001*, International Scientific Journal Innovation - Innovations in discrete productions, 5(2), pp. 52-57. ISSN: 1314-8907
9. **Jovanović**, J., Krivokapić, Z., Vujović, A., Cvetić, T. (2016). *Evaluation of quality of life of students*, International Journal for Quality Research, 10(4), pp. 813-822. ISSN 1800-6450.
10. **Jovanović**, J., Krivokapić, Z. (2006). The Application of an Atypical Neural Network when Quantifying the Modeling of Environmental Aspects, Journal of Mechanical Engineering, 52(6), 392-403. ISSN 0039-2480.
11. 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
12. 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
13. **Jovanović**, J., Kafel, P., Krivokapić, Z., Vujović, A. (2013). *Procjena nivoa zrelosti primjenom alata za samoocjenjivanje (Assessment of maturity level using self-assessment tools)*, Kvalitet & izvrsnost, II (1-2), str 28-31. ISSN 2217-852X
14. **Jovanović**, J., Shah, H., Vujović, A., Krivokapić, Z. (2014). *Application of MCDM methods in evaluation of environmental impacts*, International Journal for Quality Research, 8 (4), pp. 517-532, ISSN 1800-6450.
15. **Jovanović**, J., Krivokapić, Z., Vujović, A. (2015). *Sistem menadžmenta zaštitom životne sredine u duhu standarda iso 14001: 2015 (Environmental management system in the spirit of ISO 14001: 2015*, Kvalitet i izvrsnost, 9-10, pp. 57-59. ISSN 2217-852X
16. Avdalović, P., **Šaković Jovanović**, J., Peković, S., Vujović, A., Krivokapić, Z. (2019). ISO 9001:2015 as a framework for creation of a simulation model for business processes. In: Proceedings of the International Conference of Experimental and Numerical Investigations and New Technologies, CNNTech 2019, Zlatibor, Srbija, 3-5.07.2019, pp. 427-442. ISBN 978-3-030-30852-0.
17. Vučijak, B., Pašić, M., **Jovanović**, J., Idrizi, A., Xhevdet, T., Kurbanov, E., Bajrić, H., Kadrić, E., Gojković, R. (2018). *Practices in entrepreneurship education in South East Europe and Russia*, International Journal for Quality Research 12(3), pp. 741-756. ISSN 1800-6450.
18. **Jovanović**, J., Krivokapić, Z., Vujović, A. (2018). Approach of the entrepreneurship development at the University of Montenegro, In: Proceedings of 4th international scientific conference, COMETA2018 - Conference on Mechanical Engineering Technologies and Applications, 27-30.11.2018. East Sarajevo-Jahorina, RS, BIH, pp. 747-753. ISBN 978-99976-719-4-3.
19. Peković, S., **Jovanović**, J., Krivokapić, Z., Vujović, A. (2017). The State of Entrepreneurship and Innovativeness in Montenegro. In: Proceedings of Entrenova - Enterprise Research Innovation Conference, Dubrovnik, Croatia, 7-9. 09. 2017. Dubrovnik, Hrvatska, 3(1), pp. 437- 445. ISSN 1849-7950