



Curriculum Vitae

Personal information

First name(s) / Surname(s)

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Civil status

Jelena Šaković Jovanović

S. Jola Piletica 1C; 81000 Podgorica, Montenegro

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sjelena@t-com.me; jelenajov@ucg.ac.me

Montenegrin

18. 09. 1974.

married

Work experience

Dates

2000 – 2010 Teaching assistant at the Faculty of Mechanical Engineering, University of Montenegro

2010 – Assistant Professor at the University of Montenegro

2016 – Associate professor at the University of Montenegro

2021 – Full professor at the University of Montenegro in the field of Industrial Engineering

Main activities and responsibilities

Teaching in the following courses:

- Production management
- Industrial dynamics
- Maintenance
- Resource management
- Quality system and food safety
- Quality standards
- Risk management
- Performance management
- Programming

Name and address of employer

University of Montenegro, Faculty of Mechanical Engineering Podgorica, Cetinjska 2, 81000 Podgorica

Education

Dates

2000: Graduated mechanical engineer

2005: Master of science (MSc)

Title of thesis: *ICT implementation on modeling the quantification of environmental aspects*

2009: Doctor of technical science (PhD)

Title of thesis: *Model of improving environmental management system by multi - software*

Name and type of organisation providing education and training

University of Montenegro, Faculty of Mechanical Engineering Podgorica

Training

- 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
- Trainer of Energy Management System (ISO 50001)
- Consultant for implementation ISO 17025 standard
- Consultant for implementation ISO 17020 standard

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

Montenegrin**English**

Understanding	Speaking	Writing
B2	B2	B2

Organisational skills and competences

- Member of Organizing Committee of five (5) Conference SQM
- Organizational secretary of seven (7) Conference SQM
- Member of Organizing Committee of five (5) Conference ICQME
- Member of organizing committee of five (5) Conference of maintenance KOD
- Member of program committee of two (2) Conference SQM
- Member of Board of Directory of National Accreditation body
- Member of Center for Quality at the University of Montenegro
- Vice-Dean for international cooperation

Technical skills and competences

- 30 projects of implementation ISO 9001 standard
- 5 projects of implementation ISO 14001 standard
- >20 projects of implementation IMS (ISO 9001, ISO 14001, ISO 45001)
- 5 projects of accreditation laboratory (ISO 17025),
- 2 projects of inspection body accreditation (ISO 17020)
- 1 project of accreditation of certification body (EN 45011:2003)
- 6 projects of implementation HACCP concept
- 4 scientific research project financed by Ministry of science
- 1 scientific research project «Eco Net» with University Evry-Pariz
- 1 Tempus project: „Improvement of partnership with Enterprises by enhancement of a regional quality management potentials in WBC”
- 1 IPA Adriatic project: „Bridge technical differences and social suspicions contributing to transform the Adriatic area in a stable hub for a sustainable technological development”.
- Team member of EEN (Enterprise Europe network) Montenegro project
- Coordinator of UOM team of Erasmus + Rebus project called “Integrating and validating practical entrepreneurship skills in engineering and ICT studies”
- Team member of Erasmus + eViva project
- Team member of Erasmus + Success project
- Team member of Erasmus + KnowHub project
- Team member of Erasmus + lot-Eco project

Computer skills and competences	• Microsoft office • MATLAB • Software program QPR for implementation Balanced Scorecard (Strategic Management System) • Software program Expert Choice for application of AHP (MCDM method) • Artificial Neural Network • Java programming language
References	• >60 papers on national conferences or in national journals • >40 papers on international conferences or in international journals • University textbook "Programming" authors Jelena Jovanović and Zdravko Krivokapić, University of Montenegro, Faculty of Mechanical Engineering Podgorica, 2011 • Monography "Strategic Management System - Balanced Scorecard" by authors: Jelena Jovanovic, Zdravko Krivokapic, Aleksandar Vujovic, Sabrija Ramovic. • Part of Monography »Artificial Intelligence Tools and Case Base Reasoning Approach for Improvement Business Process Performance«, by authors Aleksandar Vujovic, Zdravko Krivokapic, Jelena Jovanovic, Total Quality Management and Six Sigma, Intech, July, 2012. • University textbook: Aleksandar Vujović, Milan Perović, Zdravko Krivokapić, Jelena Jovanović, "INDUSTRIJSKI INŽENJERING", Univerzitet Crne Gore, Mašinski fakultet Podgorica, 2014, ISBN 978-9940-527-38-9. • University textbook: Jelena Jovanović, Milan J. Perović, »PROIZVODNI MENADŽMENT«, Univerzitet Crne Gore, Mašinski fakultet Podgorica, 2015, ISBN 978-9940-527-42-6 • Book: Jelena Jovanović, Zdravko Krivokapić, Mirko Soković, Aleksandar Vujović, Sabrija Ramović, "SISTEM STRATEŠKOG MENADŽMENTA BALANCED SCORECARD", SaTCIP, Vrnjačka Banja, 2011, ISBN 978-86-6075-029-9. • Book: Jelena Jovanović, Aleksandar Vujović, Zdravko Krivokapić, Sanja peković, Davorin Kramar i Mirko Soković, "Inovacije i Inovativnost", Vrnjačka Banja: SaTCIP, 2015. 127 str., ilustr. ISBN 978-86-6075-057-2. [COBISS.SI-ID 220565260]
Driving licence	"B"
Awards	• Award "Luča" for excellent success in elementary and secondary school • Stipendia of organisation "Željezara-Nikšić" for a period of 3 years for students with average mark under 8.5 • Award "TRIMO" for doctoral dissertation on international competition

List of most important papers:

1. **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.
2. 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
3. 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
4. **Jovanović, J.** (2020). *Upravljanje zaštitom životne sredine primjenom sistema strateškog menadžmenta – Balanced Scorecard*, poglavlje u monografiji Upravljanje lancima snabdijevanja: Multidisciplinarni pristup unapređenju performansi, Fakultet inženjerskih nauka, Univerzitet u Kragujevcu, pp. 263-284, ISBN 978-86-86663-89-4.
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. **Jovanović, J.**, Kafel, P., Krivokapić, Z., Vujović, A. (2013). *Procjena nivoa zrelosti primjenom alata za samoocjenjivanje*, Kvalitet & izvrsnost, II (1-2), str 28-31. ISSN 2217-852X
7. **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.
8. **Jovanović, J.**, Krivokapić, Z., Vujović, A. (2015). *Sistem menadžmenta zaštitom životne sredine u duhu standarda iso 14001: 2015*, Kvalitet i izvrsnost, 9-10, pp. 57-59. ISSN 2217-852X
9. 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.
10. 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)
11. 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 Tehnologies, CNNTech 2019, Zlatibor, Srbija, 3-5.07.2019, pp. 427-442. ISBN 978-3-030-30852-0.
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. **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.
14. **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.
15. 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.
16. 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.
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. 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
20. Mijo Ketrina, C., Mugdim, P., Vucijak, B, **Jovanović-Sakovic, J.**, Altin, I., Milojkovic, M., Vujovic, A., Dukagjin, L., Ramic-Brkic, B., Mirza, P., Vatres, A. , "Service related competences education practices in South East Europe", International Journal for Quality Research, SCOPUS, 2021, 6(2), 10-17, 1800-6450
21. C. Fragassa, J. **Šaković Jovanović, M.** Fotouhi. Nanofibre e compositi nel mondo dell'auto. Compositi magazine, 2021, XVI-61, 16-19, 2499-6890
22. 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
23. M. Šibalić, J. **Šaković Jovanović, A.** Vujović, 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, 2022
<http://cnntechno.com/docs/Book%20of%20Abstracts%202022.pdf>