

PERSONAL INFORMATION

Džemal Kulašin



Travnik

Bosnia and Herzegovina



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www.fmpe.edu.ba

Google Scholar profile: <https://scholar.google.com/citations?user=DdsJY2gAAAAJ&hl=en>

Gender M | Place of birth Donji Vakuf | Citizenship BiH

SCIENTIFIC TITLE

Doctor of technical science

WORK EXPERIENCE

1997. –

Professor of computer science

Economic School, Travnik (Bosnia and Herzegovina)

www.mseus.ba

2008. –

Professor in the field of Information Technologies

University of Travnik, Faculty of Management and Business Economics, Kiseljak (Bosnia and Herzegovina)

www.fmpe.edu.ba

2010. –

Professor in the field of Information Technologies

University of Travnik, Faculty of Pharmacy and Health, Travnik (Bosnia and Herzegovina)

www.fzf.edu.ba

1994. – 1996.

Journalist

Press center of the Municipality of Travnik, Travnik (Bosnia and Herzegovina)

EDUCATION AND TRAINING

2011.

PhD studies (Doctor of technical science)

Džemal Bijedic University of Mostar, Faculty of Mechanical Engineering, Mostar, (Bosnia and Herzegovina)

www.mf.unmo.ba

2004.

Master's degree (Master of technical sciences)

University of Zenica, Faculty of Mechanical Engineering, Zenica (Bosnia and Herzegovina)

www.mf.unze.ba

Personal skills

Mother tongue: Bosnian language

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	C1	B1	B1	B1

Digital competence:

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Driver licence: B category

Hobby: * Acoustic guitar&singing
* Jogging, table tennis

SCIENTIFIC - PROFESSIONAL WORK

Conferences and symposiums:

- 8th International Scientific and Professional Symposium of the University of Travnik "Crisis management in conditions of global economic challenges", 19-20. may 2023., Kiseljak.
- 7th International Scientific and Professional Symposium of the University of Travnik "Economics and management - challenges and predictions for a sustainable future ", 20. may 2021., Zoom app.
- 11th International scientific and professional meeting "Quality 2019", 11.-12. november 2019., Neum.
- 8th international scientific-expert conference on economic development and living standards "Edasol 2018", 26. i 27. october 2018., Banjaluka.
- 1st international conference on digital economy "DIEC 2018", 11. may 2018., Tuzla.
- 6th International Scientific and Professional Symposium of the University of Travnik "Ekonomski razvoj i preduzetništvo - perspektive i izazovi", 08.-09. december 2017., Vlašić-Travnik.
- 11th International scientific and professional meeting " Quality 2017", 17.-20. maj 2017., Neum.
- 3rd scientific-professional conference with international participation "Cyber crime and forensics", Faculty of Information Technologies and Faculty of Legal Sciences of the University/University "Vitez" Travnik, 11. march 2016, Travnik.
- 5th International Scientific and Professional Symposium of the University of Travnik "Cultural and historical heritage in the development of tourism and related activities ", 09.-10. october 2015., Sarajevo.
- 4th International Scientific and Professional Symposium of the University of Travnik: "Innovations in education, entrepreneurship and tourism in the function of overcoming the crisis and accelerated development", 17.-18. may 2013., Sarajevo.
- 8th International scientific and professional meeting "Quality 2013", 06.-08. june 2013., Neum.
- 7th International scientific and professional meeting "Quality 2011", 01. -04. june 2011., Neum.
- 2nd International Scientific and Professional Symposium of the University of Travnik: " Evaluation of natural and cultural-historical heritage in the function of tourism development with special reference to the city of Visoko and central Bosnia", 15. i 16. october 2009., Visoko.
- 4th International scientific and professional meeting "Quality 2005", 09.-12. december 2005.,

Fojnica.

- 8th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", 15th-19th 2004., Neum.
- 3rd International scientific and professional meeting "Quality 2003", 13.-14. november 2003., Zenica.
- 2nd International scientific and professional meeting "Quality 2001", 08.-09. november 2001., Zenica.
- 1st International scientific and professional meeting "Quality 1999", 11.-12. november 1999., Zenica.

Books:

BASICS OF BUSINESS INFORMATICS

Publisher: Faculty of Management and Business Economics, University of Travnik, 2022.
ISBN – 978-9926-497-01-9 COBISS.BH-ID - 48298246

PRACTICAL ASPECTS OF NETWORK AND DATA SECURITY

Publisher: CEPS – Center for Business Studies, Kiseljak, 2021.
ISBN - 978-9926-417-13-0 COBISS.BH-ID - 44961286

BASICS OF INFORMATION SECURITY

Publisher: Faculty of Management and Business Economics, University of Travnik, 2016.
ISBN - 978-9958-640-59-9 COBISS.BH-ID 23057158

INFORMATION SYSTEMS

Publisher: Faculty of Management and Tourism, University of Travnik, 2008.
ISBN - 978-9958-640-00-1 COBISS.BH-ID 16649734

Scientific and
professional papers:

Kulašin, Dž., Šetić, I. (2024): **The impact of information technologies on the health of preschool children**, Vox Scientie PHARM-HEALTH, Vol. 12, Br. 1. ISSN , Indexed in: getCITED, ROAD Directory Universal Journal Impact Factor

Kulašin, Dž. (2023): **Data privacy as a security challenge of digital transformation**, University Chronicle - professional journal of the University of Travnik, Vol. 15, Br. 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Dogan, J., Kulašin, Dž. (2023): **Challenges of entrepreneurship education in contemporary educational practice**, University Chronicle - professional journal of the University of Travnik, Vol. 15, Br. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, Dž. (2022): **Anti-phishing strategy**, University Chronicle - professional journal of the University of Travnik, Vol. 14, No. 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, Dž. (2022): **Motives and implications of the GDPR regulation**, University Chronicle - professional journal of the University of Travnik, Vol. 14, No. 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, Dž. (2020): **Password as a critical aspect of the digital economy**, University Chronicle - professional journal of the University of Travnik, Vol. 12, No. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Huseinspahić, N., Kulašin, Dž. (2019): **Research on the influence of technical and functional dimensions on the perception of the overall quality of services in healthcare**, EMC Review, God./Vol. IX, Br./No. II, pp. 311-324, ISSN 2232-8823, Indexed in: Indexed in: Clarivate Analytics, ESCI - Emerging Source Citation Index, EconLit.

Unkić, F, Kulašin, Dž, Hojkuric, H. (2019): **Estimates on electronic commerce development in Bosnia and Herzegovina**, International Journal of Sales, Retailing and marketing, Vol. 8, No. 1., ISSN 2045-810X, Indexed in: SCOPUS, EBSCO, ZETOC, Cabell's Library

Kulašin, DŽ, Huseinspahić, N. (2019): **Access to information security in business systems - Case study**, 11th Scientific and professional assembly "Quality 2019", Neum, Proceedings, Godina XI, Br. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin, DŽ, Huseinspahić, N, Goran, D. (2018): **CSR Testing in Bosnia and Herzegovina - Empirical Study**, China-USA Business Review, Vol. 17, No. 9, pp. 467-473, Indexed in: Index Copernicus, SCOPUS, EBSCO, JournalSeek, PubMed, CiteFactor, ProQuest

Huseinspahić, N., Kulašin, DŽ, Bahtić, S. (2018): **Dimensions of the service offer as a prerequisite for building long-term relationships with customers of telecommunications services**, EMC Review, Vol. VIII, No. II, pp. 181-480, ISSN 2232-8823, Indexed in: Clarivate Analytics, ESCI - Emerging Source Citation Index, EconLit.

Kulašin, DŽ, Goran, D. (2018): **The position of the human factor in the context of manifestations of cyber crime in business systems**, 1st International Conference on Digital Economy "DIEC 2018", Proceedings, Vol. 1, No. 1., ISSN 2566-4514, Indexed in: COBISS.BIH, EBSCO

Kulašin, DŽ. (2018): **Confirmatory factor analysis using MS Excel**, University Chronicle - professional journal of the University of Travnik, Vol. 10, No. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Škandro, S., Kulašin, DŽ. (2018): **Balanced score card**, University Chronicle - professional journal of the University of Travnik, Vol. 10, No. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, DŽ., Unkić, F. (2018): **ISMS according to ISO/IEC 27001**, University Chronicle - professional journal of the University of Travnik, Vol. 10, No. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, DŽ, Huseinspahić, N., Debeljak, M. (2017): **The applicability of e-books in elementary school: A case study in the area of SBK**, 10th Scientific and professional assembly "Quality 2017", Neum, Proceedings, Godina X, Br. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin, DŽ, Zajmović M, (2017): **Definitions of cryptography in the context of information security**, Eduk@tor , Scientific and professional journal of the Faculty of Information Technologies of Vitez University, Vol. 4, No. 5.

Zajmović, M., Kulašin, DŽ, (2017): **Implementation of the domain as a centralized place of management of client computers**, Eduk@tor, Scientific and professional journal of the Faculty of Information Technologies of Vitez University, Vol. 4, No. 5.

Kulašin, DŽ., (2017): **Cyber crime and business**, University Chronicle - professional journal of the University of Travnik, Vol. 9, No. 1. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin DŽ., (2016): **Steganography in the context of information security**, University Chronicle - professional journal of the University of Travnik, Vol. 8, No. 1. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin DŽ., (2016): **Phishing as a manifestation of cybercrime**, 3rd International Scientific-Professional Conference "Cybercrime and Forensics", 11. mart. 2016, Vitez University, Travnik.

Kulašin DŽ., (2015): **Internet social networks as a marketing tool in tourism**, University Chronicle - professional journal of the University of Travnik, Vol. 7, No. 2. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin DŽ., (2014): **Software testing of statistical equality of experimental and control samples: A case study**, Faculty of Information Technologies, Vitez University, Proceedings, No. 2, Travnik.

Kulašin DŽ, Unkić F., Goran D. (2014): **Information security management system according to the ISO/IEC 27001 standard**, University Chronicle - professional journal of the University of Travnik, Vol. 6, No. 2. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, Dž, Unkić, F. (2014): **Legal prerequisites for the development of electronic commerce in Bosnia and Herzegovina**, University Chronicle - professional journal of the University of Travnik, Vol. 6, No. 2. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin, Dž, Unkić, F. (2014): **Information security management system according to the ISO/IEC 27001 standard**, University Chronicle - professional journal of the University of Travnik, Vol. 6, No. 2. Broj 1. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin Dž., Salkić, H., (2013): **Cryptography as a function of security of information systems**, 8th Scientific and professional assembly "Quality 2013", Neum, Proceedings, Vol. VIII, No. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2013): **Questioning the innovation of higher education in Bosnia and Herzegovina**, University Chronicle - professional journal of the University of Travnik, Vol. 5, No. 1., ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin Dž., Klarić, S. (2011): **Construction of the HEDUQUAL instrument for measuring the quality of the main factors of higher education services in Bosnia and Herzegovina**, 7th Scientific and professional assembly "Quality 2011", Neum, Proceedings, Vol. VII, No. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2011): **The complexity of measuring the quality of higher education services**, University Chronicle - professional journal of the University of Travnik, Vol. 3, No. 2., ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Marković, S., Raspor, S., Kulašin Dž., (2010): **Customer satisfaction in the hotel industry - concept and measurement**, University Chronicle - professional journal of the University of Travnik, Vol. 2, No. 2, No. 2. ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin Dž., (2008): **Measurement of hotel service quality with the SERVQUAL instrument**, University Chronicle - professional journal of the University of Travnik, Vol. 1, No. 1, ISSN 1840-3999, Indexed in: COBISS.BIH, Index Copernikus, EBSCO

Kulašin Dž., Klarić, S. (2006): **Service quality measurement: The area of (dis)agreement**, Proceedings of 10th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Barselona, ISSN 1840-4944 ISBN 978-9958-617-28-5

Kulašin Dž., Marković, S. (2005): **Measuring perceived service quality in high school: Case study of Bosnia and Herzegovina**, Proceedings of 9th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Antalia-Turkey, ISSN 1840-4944 ISBN 978-9958-617-28-5

Kulašin Dž., Fortuni, J.S. (2005): **Review of the SERVQUAL concept**, 4th Scientific and professional assembly "Quality 2005", Fojnica, Proceedings, Vol. IV, No. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Fortuni, J. S., Kulašin Dž. (2005): **ISO 9000:2000 as a chance to increase machine efficiency with TPM in a CIM environment**, Scientific and professional magazine Mašinstvo, Vol. 9, No. 1-2., ISSN 1512-5173, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2004): **Influence of Internet technology on the customer satisfaction measurement process according to ISO 9000:2000**, Proceedings of 8th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Neum, ISSN 1840-4944 ISBN 978-9958-617-28-5

Kulašin Dž., Horvat, J. (2004): **Using the "SERVQUAL" for the customer satisfaction measurement process in Technical high school Bugojno**, Proceedings of 8th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Neum, ISSN 1840-4944 ISBN 978-9958-617-28-5

Kulašin Dž., Horvat, J., (2003): **Measuring attitudes about the computer as one dimension of quality of life**, 3rd Scientific and professional assembly "Quality 2003", Zenica, Proceedings, Godina III, Br. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2003): **Sampling problems in the customer satisfaction measurement process according to ISO 9000:2000**, Proceedings of 7th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Barcelona, ISSN 1840-4944 ISBN 978-9958-617-28-5

Horvat, J., Kulašin Dž., (2003): **Findings according the WAS measurement instrument in region of East Croatia**, Proceedings of 7th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", Barcelona, ISSN 1840-4944 ISBN 978-9958-617-28-5

Kulašin Dž., Brdarević, S. (2003): **Analysis of customer satisfaction measurement methods according to ISO 9000:2000, with an emphasis on services**, 3rd Scientific and professional assembly "Quality 2003", Zenica, Proceedings, Vol. III, No. 1, ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2002): **Methods of measuring customer satisfaction according to ISO 9000:2000**, Scientific and professional magazine Mašinstvo, Vol. 6, No. 4., ISSN 1512-5173, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (2001): **Internet in the function of improving the quality system according to the ISO standard, with an emphasis on the situation in Bosnia and Herzegovina**, 2nd Scientific and professional assembly "Quality 2001", Zenica, Proceedings, Vol II, No. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO

Kulašin Dž., (1999): **The concept of quality and quality systems in education, along with several segments of the application of ISO 9000 and TQM in the world's educational institutions**, 1st Scientific and professional assembly "Quality 1999", Zenica, Proceedings, Vol. I, No. 1., ISSN 1512-9268, Indexed in: Index Copernicus, EBSCO