



Prof.dr. Muhamed Ćosić



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ABOUT ME

Associate Professor with many years of experience in the fields of information technology, artificial intelligence, and digital transformation. Founder and CEO of the Center for Sustainability and Digitalization – EkoDigitus Center. Author of numerous scientific papers and a university textbook, with a particular focus on the application of modern technologies in education and industry. Actively engaged in scientific research, project development, and the promotion of digital literacy and sustainable development. Dedicated to advancing education through innovative approaches and interdisciplinary projects.

EDUCATION

• 2014-2017

Vitez University, Vitez, Bosnia and Herzegovina

Information Systems, E-Learning

Doctoral Dissertation: Performance of SCORM Standard Usage in Modern E-Learning Systems

Ph.D., Doctor of Information Sciences (Dr. Sci.), Level VIII

• 2011-2013

Vitez University, Vitez, Bosnia and Herzegovina

Information Systems, E-Learning

Master's Thesis: Concept of a Knowledge Management System in Secondary Education

M.Sc., Master of Business Informatics (Mr. Sci.), Level VII

• 2007-2010

Apeiron Open University, Banja Luka, Bosnia and Herzegovina

Information Technologies

B.Sc., Graduate in Informatics, Informatics Teacher, Level VI

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WORK EXPERIENCE

JANUARY 2025- NOW	CEO Centar EkoDigitus
SEPTEMBER 2024-NOW	Mixed Secondary School Travnik, Bosnia and Herzegovina Teacher of Informatics-Related Subjects
SEPTEMBER 2024-NOW	University of Travnik, Bosnia and Herzegovina Faculty Member – Associate Professor
OCTOBER 2023- NOW	PIM University, Bosnia and Herzegovina Faculty Member – Associate Professor
MARCH 2021 - NOW	International University of Travnik, Bosnia and Herzegovina Faculty Member – Associate Professor
OCTOBER 2017- FEBRUARY 2021	Vitez University, Vitez, Bosnia and Herzegovina Faculty Member – Assistant Professor
SEPTEMBER 2019 – MARCH 2021	Vitez University, Vitez, Bosnia and Herzegovina Editor of the Journal EDUK@TOR
SEPTEMBER 2020 – DECEMBER 2021	Vitez University, Vitez, Bosnia and Herzegovina Technical Editor of the International Interdisciplinary Journal SKEI
JANUARY 2020 - JANUARY 2023	University Business Academy in Novi Sad, FIMEK – Faculty of Economics and Engineering Management, Novi Sad, Serbia Visiting Professor – Assistant Professor
JANUARY 2020 - JANUARY 2023	University Business Academy in Novi Sad, Faculty of Road Traffic, Belgrade, Serbia Visiting Professor – Assistant Professor

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LANGUAGES

MOTHER TONGUE:	• Bosnian			
		Understanding	Speaking	Writing
OTHER LANGUAGES:	• English	A2	A2	A2
	• German	B2	B2	B2

COMMUNICATION AND INTERPERSONAL SKILLS

- Strong communicator with excellent presentation skills
- Proven ability to work effectively in diverse team environments and on various types of projects
- Capable of contributing to strategic-level business planning
- Excellent skills in applied marketing research
- Committed team player with experience in collaborative project development

ORGANIZATIONAL AND MANAGERIAL SKILLS

- Professional team player dedicated to achieving organizational goals
- Task-oriented and committed to continuous improvement and lifelong learning
- Versatile, eager to learn, and quick to acquire new skills
- Results-driven, with a strong focus on the complete and effective execution of tasks

BUSINESS SKILLS:

- Experienced professor with a proven track record in the higher education industry.
- Skilled in academic editing, educational technology, instructional design, curriculum development, and public speaking. Higher education specialist with a Ph.D. in Information Technology. Demonstrated ability to identify and analyze trends, opportunities, and threats. Strong work ethic and effective organizational skills for planning and coordination.
- Excellent business skills in document creation and presentation.

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DRIVING LICENCE

CATEGORY

• B1; B; C1; C; BE

BOOKS/UNIVERSITY TEXTBOOK

UNIVERSITY TEXTBOOK

- **Ćosić, M.:** MODERN INFORMATION SYSTEMS FOR E-LEARNING, International university Travnik, Travnik, Bosnia and Herzegovina, 2021., ISBN: 978-9958-527-58-6

PUBLICATIONS

- **Ćosić, M., et al.:** ARTIFICIAL INTELLIGENCE AND EDUCATION: BALANCING DIGITAL TRANSFORMATION AND MENTAL HEALTH, 14th International Conference on Social and Technological Development – STED 2025, PIM University Banja Luka, Trebinje, Bosnia and Herzegovina, June 12–15, 2025.
- **Ćosić, M., Obuća, F., Musto-Baser, L.:** NAVIGATING DIGITAL REALITIES: INTERNET BEHAVIORS, LIFE GOALS, AND PERSPECTIVES ON EDUCATIONAL DIGITALIZATION AMONG BOSNIAN-HERZEGOVINIAN YOUTH, International Congress of New Horizons in Social Sciences – INCOHIS 2025 SPRING, May 31 – June 1, 2025, Istanbul, Turkey.
- **Ahmić, A., Ćosić, M.:** DIGITAL HUMAN RESOURCE MANAGEMENT INFLUENCE ON THE ORGANIZATIONAL RESILIENCE, Organization Management Journal, 2025., ISSN: 2753-8567; DOI: 10.1108/OMJ-09-2024-2299; <https://x.com/OrgMgtJournal/status/1894754806100615245>
- **Ćosić, M., et.al.:** GEOPOLITICAL DIMENSIONS OF ARTIFICIAL INTELLIGENCE, Conference: SECURITY OF THE COUNTRIES OF THE REGION IN THE LIGHT OF THE NEW SECURITY ARCHITECTUREAt: Banjaluka, BiH, 2024
- **Alić, E., Ćosić, M.:** CYBER SECURITY AS A BUSINESS REQUIREMENT (PROCESS), 28. International conference: „WITH DIGITALIZATION, AUTOMATION AND ARTIFICIAL INTELLIGENCE TO MORE EFFICIENT WORK AND BUSINESS IN THE FUTURE“, International university Travnik, Travnik, Bosnia and Herzegovina, May 17–18., 2024.

PUBLICATIONS

- **Petrušić, R., Ćosić, M.:** DEVELOPMENT OF LARGE LANGUAGE MODEL (LLM) AND THEIR IMPACT ON PRODUCTIVITY, 28. International conference: „WITH DIGITALIZATION, AUTOMATION AND ARTIFICIAL INTELLIGENCE TO MORE EFFICIENT WORK AND BUSINESS IN THE FUTURE”, International university Travnik, Travnik, Bosnia and Herzegovina, May 17-18., 2024.
- **Bektaš, M., & Ćosić, M.:** Artificial Intelligence and Education, 28th International Conference: “Through Digitalization, Automation, and Artificial Intelligence Toward More Efficient Work and Business in the Future”, International University of Travnik (IUT), Travnik, Bosnia and Herzegovina, May 17-18, 2024.
- **Ćosić, M.:** APPLICATION MODELS OF ARTIFICIAL INTELLIGENCE IN ELECTRICITY PRODUCTION, 27. International conference: THE ENERGY CRISIS AS A KEY CHALLENGE FOR THE ECONOMIES, LAWS AND MEDIA FREEDOM OF THE WESTERN BALKAN COUNTRIES WITH SPECIAL REFERENCE TO BOSNIA AND HERZEGOVINA, International university Travnik, Travnik, Bosnia and Herzegovina, december, 2023.
- **Ćosić, M., et.all.:** ARTIFICIAL INTELLIGENCE IN THE CONTEXT OF ENVIRONMENTAL CHALLENGES, 10th International scientific conference on climate change, economic development, environment and people (CCEDEP 2023) economic, security and environmental challenges of regional development, 2023.
- **Ćosić, M., Petrušić, R., Vehbi, R.:** IMPROVING THE CYBER SECURITY OF NETWORKED CARS USING ARTIFICIAL INTELLIGENCE SCIENCE AND TECHNOLOGY, Scientific journal of IUT 11 (1), Travnik, Bosnia and Herzegovina, 2023., p. 69-77., <https://doi.org/10.58952/nit20231101069>
- **Čičak, B., Gaši, N., Ćosić, M.:** MAIN TYPES OF CLOUD SERVICES – EXPLAINED SCIENCE AND TECHNOLOGY, Scientific journal of IUT 11 (1), Travnik, Bosnia and Herzegovina, 2023., p. 17-26., <https://doi.org/10.58952/nit20231101017>
- **Ćosić, M., Petrušić, R., Vehbi, R.:** APPLICATION OF ARTIFICIAL INTELLIGENCE IN THE AUTOMOTIVE INDUSTRY, 26th International Conference" ENERGY TRANSITION IN EUROPE AND SUSTAINABLE MOBILITY WITH CHALLENGES TO THE SITUATION IN BOSNIA AND HERZEGOVINA", International university Travnik, Travnik, Bosnia and Herzegovina, June 09-10 , 2023.

PUBLICATIONS

- **Ćosić, M., Krnjić, N., Petrušić, R.:** GAMIFICATION IN CONTEST OF HIGHER EDUCATION, SCIENCE AND TECHNOLOGY, Scientific journal of IUT 10 (17), Travnik, Bosnia and Herzegovina, 2022., p. 38-47
- **Krnjić, N., Ćosić, M.:** THE APPLICATION PERSPECTIVE OF ARTIFICIAL INTELLIGENCE IN EDUCATION, Conference proceedings of the 6th International Student Conference of Economics and Informatics "SKEI 2021", May 2021., Beograd, Serbia
- **Ćosić, M., Salkić, H., Krnjić, N.:** CONTRIBUTIONS OF INFORMATION AND COMMUNICATIONS TECHNOLOGY TO TECHNICAL-TECHNOLOGICAL ADAPTATIONS CAUSED BY THE COVID-19 PANDEMIC, SCIENCE AND TECHNOLOGY, Scientific journal of IUT 9 (16), Travnik, Bosnia and Herzegovina, p. 50-58 May 2021,
- **Salkić, H., Ćosić, M.:** POSSIBILITIES OF IMPROVING THE QUALITY OF ONLINE TEACHING AND CHILD'S SAFETY ON THE INTERNET IN THE CONDITIONS OF COVID19 PANDEMIC, March 2021., Conference proceedings of the XXI International online conference: "The impact of the COVID 19 pandemic on globalization and world economic/legal/media flows with reference to the countries of the Western Balkans". IUT, Travnik, Bosnia and Herzegovina
- **Gavrić, T., Mlakić, M., Ćosić, M.:** CHALLENGES OF THE FOURTH INDUSTRIAL REVOLUTION: A CASE STUDY OF BOSNIA AND HERZEGOVINA, International Journal of Sales, Retailing and Marketing, Access, Press UK 1 Hillside Gardens Darwen, Lancashire, BB3 2NJ United Kingdom, March 2021., p., 51-60.
https://www.circleinternational.co.uk/wp-content/uploads/2021/03/ijssrm_vol10_no1-final_n.pdf
- **Krnjić, N., Latinović, B., Ćosić, M.:** STUDENTS' PERCEPTIONS OF E-LEARNING THROUGH ONLINE TEACHING IN SECONDARY SCHOOL, International Journal of Sales, Retailing and Marketing, Access, Press UK 1 Hillside Gardens Darwen, Lancashire, BB3 2NJ United Kingdom, March 2021., p., 37-42.
https://www.circleinternational.co.uk/wp-content/uploads/2021/03/ijssrm_vol10_no1-final_n.pdf

PUBLICATIONS

- **Šimić, O., Ćosić, M.:** MICROSOFT SERVER 2019 SECURITY ASPECTS SETTINGS FOR SMALL AND MEDIUM-SIZED ENTERPRISES, Conference proceedings of the 5th International Student Conference of Economics and Informatics "SKEI 2020", September 2020., Novo Mesto, Slovenia.
- **Krnjić, N., Ćosić, M.:** INFORMATION SYSTEM FOR IMPROVING THE QUALITY OF EDUCATION IN CENTRAL BOSNIA CANTON, Conference proceedings of the 11th International Conference on Information Technologies and Information Society (ITIS2019), November 2019, Dolenjske Toplice, Slovenia
- **Ćosić, M., Krnjić, N.:** MODERN PERSPECTIVES OF SUSTAINABLE INFORMATION SYSTEM MANAGEMENT, „Educator“ scientific-professional informative magazine of the Faculty of Information Technology, University "Vitez", Bosnia and Herzegovina, Year 6, no. 6, May 2019, p. 56-58.
- **Šimić, O., Ćosić, M.:** BACKUP SYSTEM OF SERVER DATA BASED ON MICROSOFT DATA PROTECTION MANAGER 2012 R2, Conference proceedings of the 4th International Student Conference of Economics and Informatics "SKEI 2018", University "Vitez", Bosnia and Herzegovina, May 2019, p. 503-512., https://unvi.edu.ba/Files/zbornici/SKEI/Zbornik_radova_skei_2019v3.pdf
- **Krnjić, N., Ćosić, M.:** INFORMATION SYSTEM FOR IMPROVING THE QUALITY OF EDUCATION, SKEI-international interdisciplinary journal, University "VITEZ", Vol. 1 Nr. 1, 2019., <https://hrcak.srce.hr/en/clanak/363424>
- **Ćosić, M., Zajmović, M.:** INTEGRATION OF KNOWLEDGE MANAGEMENT SYSTEM AND GAMIFICATION IN E-LEARNING ENVIRONMENT, Conference proceedings of the 10th International Scientific Conference "International Dialogue", International Slavic University "Gavrilo Romanovic Derzavin", Year VI, no. 1., Sveti Nikole, North Macedonia, April 2019, p. 327-336., http://konferencii.msu.edu.mk/wp-content/uploads/000_Spisanie-10-konferentsija-EKONOMIJA-BEZ-BEDNOST-INFORMATIKA-Final.pdf

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PUBLICATIONS

- **Gaši, N., Ćosić, M.:** ELECTRONIC REGISTER OF TRAVNIK MUNICIPALITY IN THE FUNCTION OF MODERNIZATION OF PUBLIC ADMINISTRATION, Conference proceedings of the 3rd International Student Conference of Economics and Informatics "SKEI 2018", Colleges of Applied Sciences "Lavoslav Ružička" in Vukovar, Vukovar, Croatia, May 2018.
- **Zajmović, M., Ophodaš, I., Ćosić, M.:** PROTECTION DNS AND FTP SERVER, Conference proceedings of the 9th International Scientific Conference "International Dialogue", International Slavic University "Gavrilo Romanovic Derzavin", year V, no. 1, Sveti Nikole, North Macedonia, Year V, April 2018, p. 307-313., http://konferencii.msu.edu.mk/wp-content/uploads/000_Spisanie-9-konferentsija-EKONOMIJA.pdf
- **Ćosić, M.:** THE IMPORTANCE SCORM STANDARDS FOR INTEROPERABILITY OF INFORMATION SYSTEMS OF E-LEARNING, „Educator“ scientific-professional informative magazine of the Faculty of Information Technology, University "Vitez", Bosnia and Herzegovina, year 4, no. 5, May 2017, p. 127-133.
- **Ćosić, M.:** REPOSITORY OF DIGITAL LEARNING MATERIALS IN THE FUNCTION OF MODERN INFORMATION SYSTEMS OF E-LEARNING, Conference proceedings of the 2nd International Student Conference of Economics and Informatics „SKEI 2016“ University "Vitez" 2016, p. 316-325.,
<http://unvi.edu.ba/Files/zbornici/SKEI/index.html>
- **Ćosić, M.:** REDESIGNED MODEL PROPOSAL OF MOODLE LMS ADJUSTED TO THE USAGE AT THE HIGH SCHOOL LEVEL OF EDUCATION, Didakticki putokazi no. 71., Bosnia and Herzegovina, 2015., p.5862.

CONFERENCES AND SEMINARS

- XIV INTERNATIONAL CONFERENCE ON SOCIAL AND TECHNOLOGICAL DEVELOPMENT, University PIM, Banja Luka, Bosnia and Herzegovina, 12th-15th JUNE 2025
- INTERNATIONAL CONGRESS OF NEW HORIZONS IN SOCIAL SCIENCES – INCOHIS 2025 SPRING, Istanbul, Turkey, May 31 – June 1, 2025
- ICAIS'24 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE STUDIES, 9. November 2024, Istanbul Gedik University, Istanbul, TÜRKİYE

CONFERENCES AND SEMINARS

- 10th INTERNATIONAL SCIENTIFIC CONFERENCE ON CLIMATE CHANGE, ECONOMIC DEVELOPMENT, ENVIRONMENT AND PEOPLE (CCEDEP 2023), International university Travnik, Travnik, Bosnia and Herzegovina, October 25 , 2023.
- 10th INTERNATIONAL SCIENTIFIC CONFERENCE ON CLIMATE CHANGE, ECONOMIC DEVELOPMENT, ENVIRONMENT AND PEOPLE (CCEDEP 2023), International university Travnik, Travnik, Bosnia and Herzegovina, October 25 , 2023.
- 27. International conference : THE ENERGY CRISIS AS A KEY CHALLENGE FOR THE ECONOMIES, LAWS AND MEDIA FREEDOM OF THE WESTERN BALKAN COUNTRIES WITH SPECIAL REFERENCE TO BOSNIA AND HERZEGOVINA , International university Travnik, Travnik, Bosnia and Herzegovina, december, 2023.
- 26th International Conference" ENERGY TRANSITION IN EUROPE AND SUSTAINABLE MOBILITY WITH CHALLENGES TO THE SITUATION IN BOSNIA AND HERZEGOVINA", International university Travnik, Travnik, Bosnia and Herzegovina, June 09-10 , 2023.
- 24th International Conference"NEW EU TECHNOLOGY FUNCTIONS OF SUSTAINABLE DEVELOPMENT OF TRANSPORTATION, ECOLOGY, LOGISTICS AND POLYTECHNICS", International university Travnik, Travnik, Bosnia and Herzegovina, May 27-28 , 2022.
- 6th International Student Conference of Economics and Informatics SKEI 2021, Modern Business School , Beograd, Serbia, May 2021.
- 22nd. International Conference: Technical-technological adaptations to the challenges of traffic, ecology, information technologies and logistics in the circumstances of the COVID-19 pandemic, International university Travnik, Travnik, Bosnia and Herzegovina, May 2021.
- 21st. International online conference the impact of COVID -19 pandemics on globalization and global economic/legal/media matters with an emphasis on the Western Balkan countriesat, International university Travnik , Travnik, Bosnia and Herzegovina, March 2021.

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CONFERENCES AND SEMINARS

- 28. International conference: „WITH DIGITALIZATION, AUTOMATION AND ARTIFICIAL INTELLIGENCE TO MORE EFFICIENT WORK AND BUSINESS IN THE FUTURE“, International university Travnik, Travnik, Bosnia and Herzegovina, May 17-18., 2023.
- 5th International Student Conference of Economics and Informatics SKEI 2020, Novo Mesto, Slovenia, 23. September 2020.
- 11th International Conference on Information Technologies and Information Society -ITIS2019, Dolenjske Toplice, Slovenia,, 7-8 November 2019.
- 10th International Scientific Conference 'International Dialogue', International Slavic University 'Gavrilo Romanovich Derzhavin', Sveti Nikole, North Macedonia, April 2019.
- 4th International Student Conference of Economics and Informatics SKEI 2019, University" Vitez", Vitez, Bosnia and Herzegovina, May 2019.
- 3rd International Student Conference of Economics and Informatics SKEI 2018, University 'Lavoslav Ružička' in Vukovar, Vukovar, Croatia, May 2018.
- 9th International Scientific Conference 'International Dialogue', International Slavic University "Gavrilo Romanovich Derzhavin", Sveti Nikole, North Macedonia, April 2018.
- 2nd International Conference 'Security of Historic Cities - challenges for Tourism', Split, Croatia, April, 2018.
- 2nd International Student Conference of Economics and Informatics SKEI 2016, University "Vitez", Vitez, Bosnia and Herzegovina, May, 2016.

ERASMUS

4-8 JULY 2022.

- ERASMUS+ STAFF INTERNATIONAL WEEK 2022, Rey Juan Carlos University, Madrid, Spain

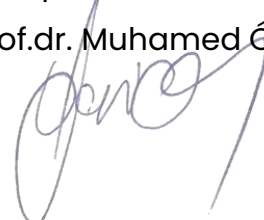
MEMBERSHIPS

2012-NOW

- President of the Board of Directors: Association of Literary Creators "Abdulvehab Ilhamija," Travnik, Bosnia and Herzegovina

Last Updated: June, 2025

Prof.dr. Muhamed Ćosić

A handwritten signature in blue ink, appearing to read "Muhamed Ćosić", is written over the printed name.