

PERSONAL INFORMATION



Edisa Papaćanin

Univerzitetska 8, 75000 Tuzla, Bosnia and Herzegovina

+387 35 320 806 +387 61 884 686

edisa.papracanin@untz.ba

<https://scholar.google.com/citations?hl=hr&user=2iMPvBYAAAAJ>

https://www.researchgate.net/profile/Edisa_Avdihodzic

<https://orcid.org/0000-0003-0953-6752>

<https://www.scopus.com/authid/detail.uri?authorId=56991084300>

Sex Female | Date of birth 29/11/1980 | Nationality Bosnia and Herzegovina

TITLE

Assistant Professor, Department of Chemical Engineering, Faculty of Technology, University of Tuzla

Teaching Assistant

OCTOBER 2007-OCTOBER 2016

Faculty of Technology, University of Tuzla, Univerzitetska 8, 75000 Tuzla (www.tf.untz.ba)

- Included in the education process
- Involved in the home and international research project as given in the additional information's.

Business or sector Education

EDUCATION AND TRAINING

MARCH 2012-MARCH 2016

PhD-Thesis Title: „Optimization of kinetic and process parameters for the composting process of municipal solid waste“, University of Tuzla, Faculty of Technology

SEPTEMBER 2008-MARCH 2011

MSc-Thesis Title: “Laboratory and numerical simulation of composting process of municipal solid waste with forced aeration in the reactor” University of Tuzla, Faculty of Technology

SEPTEMBER 2002-JUNE 2006

Undergraduate studies in Food Engineering University of Tuzla, Faculty of Technology

MOBILITY

JANUARY-FEBRUARY 2011

JUNE-JUL 2011

Visiting University of Maribor within bilateral projects between Slovenia and Bosnia and Herzegovina, University of Maribor, Faculty of Chemistry and Chemical Technology, Smetanova ulica 17, 2000 Maribor, Slovenia. Laboratory for Process Systems Engineering and Sustainable Development.

PERSONAL SKILLS

Mother tongue(s) Bosnian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills developed through team work on scientific research projects and work with students

Computer skills

- Good command of the office tools (word processor, spreadsheets and presentation software) acquired through the current job requirements.
- Advanced knowledge of a mathematical software MATLAB gained by developing mathematical optimization models during my PhD research.
- Good knowledge of the graphical design tool Corel Draw™.

Driving licence ▪ B obtained in 2007.

ADDITIONAL INFORMATION

Publications	<ul style="list-style-type: none"> • Papračanin E., 2019. Local and global sensitivity analysis of model parameters for composting process. <i>Technologica Acta</i>, 11, pp. 9-16. DOI: 10.5281/zenodo.2563055 • Papračanin, E., Petric, I., 2016. Mathematical modeling and simulation of the composting process in a pilot reactor. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i>, 47, pp. 39-48. Print ISSN: 0367-4444 Online ISSN: 2232-7266. • Petric, I., Avdihodžić, E. and Ibrić, N., 2015. Numerical simulation of composting process for mixture of organic fraction of municipal solid waste and poultry manure. <i>Ecological Engineering</i>, 75, pp.242-249. doi:10.1016/j.ecoleng.2014.12.003 • Topčagić M., Petric I., Avdihodžić Avdić E., Ibrić N., Elezović S. (2013): Effect of poultry manure addition on the aerobic composting Process of organic fraction of municipal solid waste, <i>TECHNOLOGICA ACTA Journal of Science-professional from Chemistry and Technology Faculty of Technology Tuzla</i>, Vol. 6 (1), 1-74, Tuzla (ISSN 1840-0426, ISSN 2232-7568) • Petric I., Helić A., Avdihodžić Avdić E. (2012): Evolution of process parameters and determination of kinetics for co-composting of organic fraction of municipal solid waste with poultry manure. <i>Bioresource technology</i>, 117:107-16. DOI:10.1016/j.biortech.2012.04.046, PubMed • Avdihodžić Avdić E., Petric I. (2011): Razvoj matematičkog modela i određivanje kinetičkih parametara za proces kompostiranja komunalnog krutog otpada. <i>24. međunarodni kongres o procesnoj industriji PROCESING 2011</i>, Fruška Gora, Zbornik radova Processing'11. • Avdihodžić Avdić E., Petric I., Ibrić N. (2011): Verification of the mathematical model and optimization of the municipal solid waste composting process (Verifikacija matematičkog modela i optimizacija procesa kompostiranja komunalnog krutog otpada). IX Simpozijum "Savremene tehnologije i privredni razvoj" sa međunarodnim učešćem, 21. i 22. oktobra 2011, Tehnološki fakultetu u Leskovcu. Rad je prezentiran na Simpozijumu, te nakon Simpozijuma objavljen kao originalan naučni rad na engleskom jeziku u naučnom časopisu "Zbornik radova Tehnološkog fakulteta u Leskovcu", sveska 20, 61-70. (ISSN 0352-6542) • Helić A., Petric I., Avdihodžić Avdić E. (2011): Kinetic models for degradation of organic fraction of municipal solid waste with different additives (Kinetički modeli za razgradnju organske frakcije komunalnog krutog otpada sa različitim dodacima). IX Simpozijum "Savremene tehnologije i privredni razvoj" sa međunarodnim učešćem, 21. i 22. oktobra 2011, Tehnološki fakultetu u Leskovcu. Rad je prezentiran na Simpozijumu, te nakon Simpozijuma objavljen kao originalan naučni rad na engleskom jeziku u naučnom časopisu "Zbornik radova Tehnološkog fakulteta u Leskovcu", sveska 20, 52-60. (ISSN 0352-6542) • Avdihodžić E., Ahmetović E. (2007): Simulacija procesa klasičnog višestepenog isparavanja i isparavanja uz primjenu termičke rekompresije pare. Rad je predstavljen na naučno-stručnom skupu „VII susret mladih kemijskih inženjera, 21. i 22. veljače 2007“, Zagreb. • Suljkanović, M., Ibrić, N., Avdihodžić, E. (2009): Od rješavanja zadatka ka rješavanju problema. <i>Technologica Acta</i> 2 (1) 47-56.
Projekti	Participant in the following projects: <ul style="list-style-type: none"> • Development and application of the optimisation model for the water reduction in the process industries. Bilateral project between Bosnia and Herzegovina (University of Tuzla) and Republic of Slovenia (University of Maribor) • Possibilities of applying the municipal solid waste composting process with various additions in the reactor system. Faculty of Technology, University of Tuzla. The project is supported by the Federal Ministry of Education and Science of BiH • Optimization of the aerobic composting process for municipal solid waste "financed by the Ministry of Science, Culture and Sports, TK. • Optimization of kinetic and process parameters for the process of composting the organic fraction of municipal solid waste with various additives Faculty of Technology, University of Tuzla. The project is supported by the Federal Ministry of Education and Science of BiH. • Optimization of the aerobic composting process for municipal solid waste "financed by the Ministry of Science, Culture and Sports, TK.
Od 2009 do 2011	
Od 2010 do 2011	
Od 2014 do 2015	
Od 2013 do 2014	

