University of Kragujevac
Faculty of engineering

THE MENTORS BOOK OF DOCTORAL STUDIES INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT

Schoolyear 2019/2020

The list of mentors:

No.	Teacher's Names	Title
1.	PhD Aleksić Aleksandar	Assistant professor
2.	PhD Gordić Dušan	Full professor
3.	PhD Devedžić Goran	Full professor
4.	PhD Đapan Marko	Assistant professor
5.	PhD Erić Milan	Full professor
6.	PhD Jovičić Nebojša	Full professor
7.	PhD Mačužić Ivan	Associated professor
8.	PhD Nestić Snežana	Assistant professor
9.	PhD Ranković Vesna	Full professor
10.	PhD Stefanović Miladin	Full professor
11.	PhD Tadić Danijela	Full professor

Name and surname		**Aleksandar Aleksic**	
Title		**Assistant professor**	
Specific scientific area		Industrial Engineering and Engineering Management	
Academy career	Year	Institution	Area
Election in title	2017	Faculty of engineering, University of Kragujevac	Industrial Engineering and Engineering Management
Doctorate	2013	Faculty of engineering, University of Kragujevac	Mechanical Engineering
Diploma	2008	Faculty of mechanical engineering, Kragujevac	Industrial Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**

*** The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)**

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	Aleksić, A., Stefanović, M., Tadić, D., Arsovski, S., A fuzzy model for assessment of organizational vulnerability, Measurement, 2014, 51(1), 214 – 223. M21	M21
2.	Tadic, D., Aleksic, A., Popovic, P., Arsovski, S., Castelli, A., Joksimovic, D., and Stefanovic, M.: The evaluation and enhancement of quality, environmental protection and seaport safety by using FAHP, Nat. Hazards Earth Syst. Sci., 17, 261-275.	M21
3.	Aleksić, A., Stefanović, M., Arsovski, S. Tadić, D.,, An Assessment of Organizational Resilience Potential in SME of Process Industry, A Fuzzy Approach, Journal of Loss Prevention in the Process Industries, 2013, 26(2013), 1238-1245. M22	M22
4.	Arsovski, S., Arsovski, Z., Stefanović, M., Tadić, D., Aleksić, A., Organisational resilience in a cloud-based enterprise in a supply chain: a challenge for innovative SMEs, International Journal of Computer Integrated Manufacturing, 2015, Pages 1-11. M22	M22
5.	Tadic, D., Gumus, A., Arsovski, S., Aleksic, A., Stefanovic, M., An evaluation of Quality Goals by Using Fuzzy AHP and Fuzzy TOPSIS Methodology, Journal of Intelligent and Fuzzy Systems, 2013, 25(3), 547 – 556, DOI:10.3233/IFS-120659	M22
6.	Macuzic, I., Tadić, D., Aleksić, A., Stefanović, M., A two step fuzzy model for the assessment and ranking of organizational resilience factors in the process industry, Journal of Loss Prevention in the Process Industries, 2016, Vol.40, 122-130, http://dx.doi.org/10.1016/j.jlp.2015.12.013	M22
7.	Arsovski, S., Putnik, G., Arsovski, Z., Tadic, D., Aleksandar Aleksic, Aleksandar Djordjevic, Slavisa Moljevic, Modelling and Enhancement of Organizational Resilience Potential in Process Industry SMEs, Sustainability, 2015, 7(12), 16483–16497, doi:10.3390/su71215828	M22
8.	Tadic, D., Aleksic, A., Mimovic, P., Puskaric, H., Misita, M., A model for evaluation of customer satisfaction with banking service quality in an uncertain environment, Total Quality Management & Business Excellence, 2016, DOI:10.1080/14783363.2016.1257905	M23
9.	Aleksic, A., Puskaric, H., Tadic, D., Stefanovic, M., Project management issues: vulnerability management assessment", Kybernetes, 2017. Vol. 46 Issue: 7, pp.1171-1188,	M23
10.	Tadic, D., Aleksic, A., Stefanovic, M., Arosvski, S., Evaluation and Ranking of Organizational Resilience Factors by Using a Two Step Fuzzy AHP and Fuzzy TOPSIS, Mathematical Problems in Engineering, 2014, Volume 2014, Article ID 418085, 1 – 13.	M23
11.	Jakšić, M., Moljević, S., Aleksić, A., Misita, M., Arsovski, S., Tadić, D., Mimović, P., Fuzzy Approach in Ranking of Banks according to Financial Performances, Mathematical Problems in Engineering, 2016, vol. 2016, Article ID 6169586, 11 pages. doi:10.1155/2016/6169586	M23

Total data of scientific activity of the teacher		
Total number of citation with no autocitation	**58**	
Total number of paper on the SCI (SSCI) list	**11**	
The current engagement on projects	Domestic: 2	International:
Professional training		
Other information considered relevant books and monographs		

Name and surname		**Dušan Gordić**	
Title		**Full professor**	
Specific scientific area		Energy and Process Engineering	
Academy career	Year	Institution	Area
Election in title	2012	Faculty of engineering, University of Kragujevac	Energy and Process Engineering
Doctorate	2002	Faculty of mechanical engineering, Kragujevac	Management and power transmission by fluid
Diploma	1994	Faculty of mechanical engineering, Kragujevac	Hydraulic and pneumatic components of process automation

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1.	Optimization of energy consumption for heating multifamily residential building stock of the city using energy model	Stefanović Andreja	15.10.2013	

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Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1	Gordic, D., Babic, M., Sustersic, V., Jovicic, N., Koncalovic, D., Jelic, D.,, Development Of Energy Management System - Case Study Of Serbian Car Manufacturer, Energy Conversion and Management, Vol.51, No.12, pp. 2783-2790, ISSN 0196-8904, 2010.	M21
2	Gordic, D., Babic, M., Jelic, D., Koncalovic, D., Vukasinovic, V., Integrating energy and environmental management in wood furniture industry, The Scientific World Journal, Vol.2014, No.Article ID 596958, pp. 18 pages, ISSN 1537-7441, Doi 10.1155/2014/596958, 2014	M21
3	Stefanović, A., Bojić, M., Gordić, D., Achieving net zero energy cost house from old thermally non-insulated house using photovoltaic panels, Energy and Buildings, Vol.76, No.-, pp. pp. 57–63, ISSN 0378-7788, Doi http://dx.doi.org/10.1016/j.enbuild.2014.02.057, 2014	M21
4	Gordić, D., Babić, M., Milovanović, D., Savić, S., Spool valve leakage behaviour, Archives of Civil and Mechanical Engineering, Vol.11, No.3, pp. 859-866, ISSN 1644-9665, 2011	M22
5	Todorović, P., Gordić, D., Babić, M., Jeremić, B., Demichela, M., Mačužić, I., An implementation of infrared thermography in maintenance plans within a world class manufacturing strategy, Thermal Science, Vol.17, No.4, pp. 977-987, ISSN 0354-9836, Doi 10.2298/TSCI120111044T, 2013	M22
6	Gordić, D., Jovičič, N., Babić, M., Modelling of a Spool Position Feedback Servovalves, The International Journal of Fluid Power, Vol.5, No.1, pp. 37-50, ISSN 1439-9776, 2004	M23
7	Gordić, D., Babić, M., Jovičić, N., Milovanović, D., Effects of the Variation of Torque Motor Parameters on Servovalve Performance, Strojniški vestnik - Journal of Mechanical Engineering, Vol.54, No.12, pp. 866-873, ISSN 0039-2480, 2008	M23
8	Gordić, D., Babić, M., Jelić, D., Končalović, D., Jovičić, N., & Šušteršič, V., Energy auditing and energy saving measures in 'Zastava Automobili' factory, THERMAL SCIENCE, Vol.13, No.1, pp. 185-193, ISSN 0354-9836, Doi 10.2298/TSCI0901185G, 2009	M23
9	Babić, M., Gordić, D., Jelić, D., Končalović, D., Analysis of the Electricity Production Potential in the Case of Retrofit of Steam Turbines in a District Heating Company, THERMAL SCIENCE, Vol.14, No.Supp, pp. S27-S40, ISSN 0354-9836, Doi 10.2298/TSCI100415027B, 2010	M23
10	Babić, M., Gordić, D., Jelić, D., Končalović, D., Milovanović, D., Jovičić, N., Despotović, M., Overview of a New Method for Designing High Efficiency Small Hydro Power Plants, THERMAL SCIENCE, Vol.14, No.Sup., pp. S155-S169, ISSN 0354-9836, Doi 10.2298/TSCI100515022B, 2010	M23
11	Babić, M., Milovanović, D., Jovičić, N., Gordić, D., Despotović, M., Šušteršić, V., Jelić, D., Končalović, D., Bošković, G., About Creation and Reached Goals of Development Policy in the Area of Energy Efficiency, Environmental Protection and Sustainable Development in the City of Kragujevac, THERMAL SCIENCE, Vol.14, No.Sup., pp. S1 - S14, ISSN 0354-9836, Doi 10.2298/TSCI100427064B, 2010	M23
12	Jelić, D., Gordić, D., Babić, M., Končalović, D., Šušteršič, V., Review of existing energy management standards and possibilities for its introduction in Serbia, Thermal Science, Vol.14, No.3, pp. 613-623, ISSN 0354-9836, Doi 10.2298/TSCI091106003J, 2010	M23

13	Jovicic, N., Boskovic, G., Vujic, G., Jovicic, G., Despotovic, M., Milovanovic, D., Gordic, D., Route Optimization to Increase Energy Efficiency and Reduce Fuel Consumption of Communal Vehicles, THERAL SCIENCE, Vol.14, No.Sup., pp. S67-S78, ISSN 0354-9836, Doi 10.2298/TSCI100525067J, 2010	M23
14	Savic, S., Obrovic, B., Despotovic, M., Gordic, D., The Influence of the Magnetic Field on the Ionized Gas Flow Adjacent to the Porous Wall, THERMAL SCIENCE, Vol.14, No.Sup., pp. S183-S196, ISSN 0354-9836, Doi 10.2298/TSCI100506023S, 2010	M23
15	Savic, S., Obrovic, B., Gordic, D., Jovanovic, S., Investigation Of The Ionized Gas Flow Adjacent To Porous Wall In The Case When Electroconductivity Is A Function Of The Longitudinal Velocity Gradient, Thermal Science, Vol.14, No.1, pp. 185-193, ISSN 0354-9836, 2010	M23
16	Sustersic, V., Babic, M., Gordic, D., Despotovic, M., Milovanovic, D., An Overview of the Regulatory Framework for the Geothermal Energy in Europe and Serbia, THERMAL SCIENCE, Vol.14, No.Sup, pp. 10.2298/TSCI100616068S, ISSN 0354-9836, Doi S115 - S125, 2010	M23
17	Vujić, G., Jovičić, N., Djurović - Petrović, M., Ubavin, D., Nakomčić, B., Jovičić, G., Gordić, D., Influence Of Ambience Temperature And Operational-Constructive Parameters On Landfill Gas Generation - Case Study Novi Sad, Thermal Science, Vol.14, No.2, pp. 555-564, ISSN 0354-9836, 2010	M23
18	Vukasinovic, V., Gordic, D., Babic, M., Jelic, D., Koncalovic, D., Technical potential for using biomass as a fuel in cogeneration plants in Serbia, Environmental Engineering and Management Journal, Vol.12, No.-, pp. -, ISSN 1582-9596, Doi http://omicron.ch.tuiasi.ro/EEMJ/pdfs/accepted/410_347_Vukasinovic_12.pdf, 2013	M23
19	Cvetkovic, D., Sustersic, V., Gordic, D., Stosic, S., Perfomance of single-stage rotating biological contactor with supplemental aeration, Environmental Engineering and Management Journal, Vol.13, No.3, pp. 681-688, ISSN 1582-9596, Doi http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no3/21_626_Cvetkovic_11.pdf, 2014	M23

Total data of scientific activity of the teacher		
Total number of citation with no autocitation	**27 SCI (45 укупно)**	
Total number of paper on the SCI (SSCI) list	**19**	
The current engagement on projects	Domestic: 1	International: 2
Professional training	• **Training Financial Engineering for Energy Efficiency Projects, CEEA, Norwegian Energy Efficiency Group, Нови Сад, Beograd i Aranđelovac, okt. 2002 – maj 2003,** • **The University Of Technology And Life Sciences, Bydgoszcz, Poljska, one week, 2007** • **Baden-Württemberg, Germany, one week, 2008** • **Canterbury Christ Church University, Engleska, one week, 2010** • **Instituto Superior Técnico and University of Porto, Portugal, one week, 2011** • **University of Bologna, Italija, one week, 2012**	

Other information considered relevant books and monographs

Reviewer in SCI journals : Energy Conversion and Management, Energy Policy, Renewable & Sustainable Energy Reviews, Simulation Modelling Practice and Theory, Thermal Science

Name and surname		**Goran Devedžić**	
Title		Full professor	
Specific scientific area		Production Engineering, Industrial Engineering	
Academy career	Year	Institution	Area
Избор у звање	2009	Faculty of mechanical engineering, Kragujevac	Production Engineering
Докторат	1998	Faculty of mechanical engineering, Kragujevac	Production Engineering
Диплома	1987	Faculty of mechanical engineering, Kragujevac	Production Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1	Model of efficiency and costs reduction in modern manufacturing systems	Mr Nenad Mirić, dipl. inž.	2008.	2013.
2	Registration of deformable sculptural surfaces in the internet environment	Saša Ćuković, dipl.inž.	2011.	2015
3	Identification, analysis and classification of knee joint movements	Suzana Petrović Savić	2015	2016

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1	Z. Bosnić, P. Vračar, M. D. Radović, G. Devedžić, N. Filipović, I. Kononenko: “MINING DATA FROM HEMODYNAMIC SIMULATIONS FOR GENERATING PREDICTION AND EXPLANATION MODELS“, IEEE Transactions on Information Technology in Biomedicine, Vol.16, No.2, pp.248-254, ISSN 1089- 7771, 2012. DOI: 10.1109/TITB.2011.2164546	M21
2	Goran Devedzic, Sasa Cukovic, Vanja Lukovic, Danijela Milosevic, K. Subburaj, Tanja Lukovic: “ScolioMedIS: Web-oriented information system for idiopathic scoliosis visualization and monitoring”, Computer Methods and Programs in Biomedicine, Vol.108, pp. 736–749, 2012.	M21
3	Goran Devedžić, Saša Ćuković, Vanja Luković, Danijela Milošević, K. Subburaj, Tanja Luković, ScolioMedIS: Web-oriented information system for idiopathic scoliosis visualization and monitoring, Computer Methods and Programs in Biomedicine, Vol.108, No.3, pp. x1-x15, ISSN 0169-2607, Doi DOI 10.1016/j.cmpb.2012.04.008, 2012	M22
4	Ivanovic, Lozica; Devedzic, Goran; Cukovic, Sasa; Miric, Nenad, Modeling of the Meshing of Trochoidal Profiles With Clearances, Journal Of Mechanical Design, ASME Transactions Of, Vol.134, No.4, pp. 041003-1 - 041003-9, ISSN 1050-0472, 2012	M22
5	Devedzic G., Ristic B., Stefanovic M., Cukovic S., Lukovic T.: "DEVELOPMENT OF 3D PARAMETRIC MODEL OF HUMAN SPINE AND SIMULATOR FOR BIOMEDICAL ENGINEERING EDUCATION AND SCOLIOSIS SCREENING", Computer Applications in Engineering Education, ISSN 1099-0542, Published Online: 16 Feb 2010 DOI: 10.1002/cae.20411, ISSN: 1061-3773, 2010, Vol.20, No.3, pp.434-444, 2012.	M23
6	Vanja Luković, Danijela Milošević, Goran Devedžić, Saša Ćuković, Converting OBR-Scolio Ontology in OWL DL, Computer Science and Information Systems - ComSIS, Vol.10, No.2, pp. xx-xx, ISSN 1820-0214, 2013	M23
7	Radovan Stojanović, Saša Knežević, Dejan Karadaglić, and Goran Devedžić, Optimization and Implementation of the Wavelet Based Algorithms for Embedded Biomedical Signal Processing, Computer Science and Information Systems - ComSIS, Vol.10, No.1, pp. xx-xx, ISSN 1820-0214, 2013	M23
8	N. Filipovic, V. Isailovic, D. Nikolic, N. Mijailovic, S. Petrovic, S. Cukovic, R. Vulovic, A. Matic, N. Zdravkovic, G. Devedzic, B. Ristic, Biomechanical Modeling of Knee for Specific Patients with Chronic Anterior Cruciate Ligament Injury, Computer Science and Information Systems - ComSIS, Vol.10, No.1, pp. xx-xx, ISSN 1820-0214, 2013	M23

9	Vanja Lukovic, Danijela Milosevic, Goran Devedzic, Camil Sukic, Mensura Kudumovic, Branko Ristic, OBR-PROX-FEMUR APPLICATION ONTOLOGY DEVELOPMENT AND MODELING, HealthMed, Vol.104, No.2, pp. 404-416,, ISSN 1840-2291, 2010	M23
10	Tanikić D., Manić M., Devedžić G., Zoran Stević Z., MODELING METAL CUTTING PARAMETERS USING INTELLIGENT TECHNIQUES, Strojniški vestnik – Journal of Mechanical Engineering, Vol.56, No.1, pp. 52-62, ISSN 0039-2480, 2010	M23
11	Lozica Ivanovic, Goran Devedzic, Nenad Miric and Sasa Cukovic, ANALYSIS OF FORCES AND MOMENTS IN THE GEROTOR PUMPS, Proceedings of the Institution of Mechanical Engineers, Part C, Journal of Mechanical Engineering Science, Vol.224, No.x, pp. x1-x14, ISSN 0954-4062, Doi JMES2041R2, 2010	M23
12	Goran Devedzic, Branko Ristic, Miladin Stefanovic, Sasa Cukovic, Tanja Lukovic, Development of 3D parametric model of human spine and simulator for biomedical engineering education and scoliosis screening, Computer Applications in Engineering Education, Vol.18, No.x, pp. x1-x12, ISSN 1061-3773, Doi CAE-09-147, 2010	M23
13	G. Devedžić, M. Manić, D. Tanikić, L. Ivanović, N. Mirić, CONCEPTUAL FRAMEWORK FOR NPN LOGIC BASED DECISION ANALYSIS, Strojniški vestnik – Journal of Mechanical Engineering, Vol.56, No.X, pp. xx-xx, ISSN 0039-2480, 2010	M23
14	Devedžić G., Milošević D., Ivanović L., Adamović D., Miodrag Manić, REASONING WITH LINGUISTIC PREFERENCES USING NPN LOGIC, Computer Science and Informatiom Systems – ComSIS, Vol.7, No.1, pp. 1-18, ISSN 1820-0214, Doi 10.2298/CSIS090223003D, 2010	M23
15	Dejan Tanikić, Miodrag Manić, Goran Devedžić, Žarko Ćojbašić, MODELLING OF THE TEMPERATURE IN THE CHIP FORMING ZONE USING ARTIFICIAL INTELLIGENCE TECHNIQUES, Neural Network World, Vol.20, No.2, pp. 171-187, ISSN 1210-0552, 2010	M23
16	Branko Ristić, Zoran Popović, Dragan Adamović, Goran Devedžić, IZBOR BIOMATERIJALA U ORTOPEDSKOJ HIRURGIJI, Vojnosanitetski Pregled, Vol.67, No.x, pp. x1-x15, ISSN 0042-8450, 2010	M23
17	Devedžić G., Mirić N., APPLICATION OF THE MULTI-VARI METHOD IN IDENTIFICATION OF THE PROBLEM ASSIGNABLE CAUSE SET OF VARIATION, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, Vol.2009, No.223(B10), pp. 1289-1298, ISSN 0954-4054, Doi DOI: 10.1243/09544054JEM1529, 2009	M23
18	Miladin Stefanovic, Milan Matijevic, Goran Devedzic, ICT industry in Serbia: condition and improvement by QMS, World Journal of Science, Technology and Sustainable Development, Vol.7, No.1/2, pp. 101-118, ISSN 2042-5945, 2010	M24
19	Cukovic S., Devedzic G., Ivanovic L., Lukovic T., Subburaj K., DEVELOPMENT OF 3D KINEMATIC MODEL OF THE SPINE FOR IDIOPATHIC SCOLIOSIS SIMULATION, Journal of Computer-Aided Design and Applications, Vol.1, No.1, pp. 153-161, ISSN 1686-4360, Doi 10.3722/cadaps.2009.153-161, 2010	M24

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	59	
Total number of paper on the SCI (SSCI) list	18	
The current engagement on projects	Domestic: 1	International 1
Professional training	Visiting fellow and visiting professor at Portugal Universidade do Minho, Guimaraes), Greece Democritus University of Thrace, Xanthi), United Kingdom (University of Brighton) and France (Paris Nord University and Ecole Normal Superior, Cachan – LURPA), in the total duration of over 45 weeks. Visiting professor to Paris Nord University, IUT Saint Denis since 2006.	

Other information considered relevant

Invited lectures on Universidade do Minho, Centro de Engenharia de Sistemas de Producao, Guimaraes, Portugal (1996., *"Issues of Fuzzy Sets Application in CAPP")*, Democritus University of Thrace, Department of Electrical and Computer Engineering, Xanthi, Greece (1998., *"Architecture of the Fuzzy Expert System for Metal Cutting Process Planning"*; 2000., *"Fuzzy Cognitive Maps – A Tutorial")*, Paris Nord University, France (2004., *"Teaching CAD/CAM in Serbia"*) и Ecole Normal Superior, Cachan – LURPA, France (2004, *"Modeling With Fuzzy Cognitive Maps")*. Since 2006., He is guest lecturer on IUT Saint Denis, France, where he teaches CAD/CAM Technologies - Advanced CAD Techniques, CAM, and Knowledgeware. He is chairman on JUPITER Conferences, 13th ISPE/IEE International Conference on CAD/CAM, Robotics & Factories of the Future (Pereira, Colombia, 1997), IEEE World Congress on Computational Intelligence (Anchorage, USA, 1998), member of program commitee on Workshop on Preference Modeling and Applications - EUROFUSE 2001 (Granada, Spain, 2001), and The 8th International Conference on Fuzzy Systems and Knowledge Discovery (Shanghai, China, 2011), member of organizing committee on domestic conferences (YUTRIB, SPM). Reviewer in International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Fuzzy Sets and Systems, International Journal of Intelligent Systems, INFO-Science, Computer Science and Information Systems - ComSIS, Proceedings of the Institution of Mechanical Engineers: Part H - Journal of

Engineering in Medicine, Part C - Journal of Mechanical Engineering Science, Part B - Journal of Engineering Manufacture, Journal of Computer Applications in Engineering Education, Strojarstvo.
He is author over 120 scientific and professional papers published in international and domestic journals or presented on international conferences. He is participant of 11 research projects (one international) and 6 international educational projects.

Name and surname		**Đapan Marko**	
Title		Assistant professor	
Specific scientific area		Industrial Engineering and Engineering Management	
Academy career	Year	Institution	Area
Election in title	2017	Faculty of engineering, University of Kragujevac	Industrial Engineering and Engineering Management
Doctorate	2014	Faculty of engineering, University of Kragujevac	Mechanical Engineering
Diploma	2008	Faculty of mechanical engineering, Kragujevac	Industrial Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**

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Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	**Marko Djapan**, Ivan Macuzic, Danijela Tadic, Gabriele Baldissone, An innovative prognostic risk assessment tool for manufacturing sector based on the management of the human, organizational and technical/technological factors, Safety Science, ISSN 0925-7535, https://doi.org/10.1016/j.ssci.2018.02.032.	M21
2.	**Marko J Djapan**, Danijela P Tadic, Ivan D Macuzic, Predrag Dj Dragojovic, A new fuzzy model for determining risk level on the workplaces in manufacturing small and medium enterprises, Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, Vol.229, No.5, pp. 456–468, ISSN 1748-006, 2015	M22
3.	Miladin Stefanovic, Danijela Tadic, **Marko Djapan**, Ivan Macuzic, Software for Occupational Health and Safety Risk Analysis Based on Fuzzy Model, International Journal of Occupational Safety and Ergonomics, Vol.18, No.2, pp. 127-136, ISSN 1080-3548, 2012	M23
4.	Danijela Tadic, **Marko Djapan**, Mirjana Misita, Miladin Stefanovic, Dragan Milanovic, A Fuzzy Model for Assessing Risk of Occupational Safety in Processing Industry, International Journal of Occupational Safety and Ergonomics, Vol.18, No.2, pp. 115-126, ISSN 1080-3548, 2012	M23
5.	Ivan Mačužić, **Marko Đapan**, LEAN koncept u upravljanju proizvodnjom, Monografija, Fakultet inženjerskih nauka, ISBN 978-86-6335-035-9, Kragujevac, 2016	M42
6.	L. Comberti, G. Baldissone, S. Bosca, M. Demichela, S. Murè, A. Petruni, **M. Djapan**, S. Cencetti, Comparison of two methodologies for occupational accidents pre-cursors data collection, European Safety and Reliability Conference ESREL 2015, Cirih, Svajcarska, 2015, 7.-10.09.2015.	M33
7.	Ivan Macuzic, Eva Giagloglou, **Marko Djapan**, Petar Todorovic, Branislav Jeremic, Occupational Safety and Health Education under the Lifelong learning framework in Serbia, International Journal of Occupational Safety and Ergonomics: JOSE, Vol.22, No.4, pp. 514-522, ISSN 1080-3548, 2016	M23
8.	Petar Todorovic, Borut Buchmeister, **Marko Djapan**, Djordje Vukelic, Marko Milosevic, Branko Tadic, Milan Radenkovic, Comparative model analysis of two types of clamping elements in dynamic conditions, Technical Gazette, Vol.21, No.6, pp. 1273-1279, ISSN 1330-3651, 2014	M23
9.	**Djapan, M.,** Tadic, D., Macuzic, I., Jeremic, B., Giagloglou, E. (2013). A new model for evaluation of safety grade of indicators based on a fuzzy logic. PROGNOSTICS AND SYSTEM HEALTH MANAGEMENT CONFERENCE PHM-2013, Milano, pp. 463-468; ISBN 978-88-95608-24-2; ISSN 1974-9791; doi: 10.3303/CET1333078	M33
10.	**Djapan, M.,** Macuzic, I., Tadic, D., Jeremic, B. (2015). Influence of HOT factors on risk assessment level based on fuzzy set theory. CHEMICAL ENGINEERING TRANSACTION, Milano, Italija, pp. 1231-1236, ISBN 978-88-95608-34-1; ISSN 2283-9216; DOI: 10.3303/CET1543206	M33
11.	Comberti, L., Baldissone, G., Bosca, S., Demichela, M., Murè, S., Petruni, A., **Djapan, M.,** Cencetti, S. (2015). Comparison of two methodologies for occupational accidents pre-cursors data collection. In: SAFETY AND RELIABILITY OF COMPLEX ENGINEERED SYSTEMS – Podofillini et al. (Eds), Cirih, Svajcarska, pp. 3237-3244; ISBN 978-1-138-02879-1	M33

Total data of scientific activity of the teacher		
Total number of citation with no autocitation	**10**	
Total number of paper on the SCI (SSCI) list	**6**	
The current engagement on projects	Domestic: 2	International: 1
Professional training	Politecnico di Torino, Italy, 13 месеци (нов. 2014-дец. 2015)	
Other information considered relevant books and monographs		

Name and surname		**Milan Erić**	
Title		Full professor	
Specific scientific area		Production Engineering	
Academy career	Year	Institution	Area
Election in title	2017	Faculty of mechanical engineering, Kragujevac	Production Engineering
Doctorate	2007	Faculty of mechanical engineering, Kragujevac	Production Engineering, Industrial engineering
Diploma	1988	Faculty of mechanical engineering, Kragujevac	Production Engineering, Industrial engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1	The development of model for innovations management for improving business excellence of small and medium enterprises	Nedić Vladimir	07.03.2014	2015
2	Development of a model of business intelligence for government administration of business process performance	Aleksandar Đorđević	28.10.2013	2015

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1	Miladin Stefanovic, Milan Matijevic, Milan Eric, Visnja Simic, Method of Design and Specification of Web Services Based on Quality System Documentation, Information System Frontiers, Vol.11, No.1, pp. 75-86, ISSN 1387-3326, 2009	M22
2	B. Nedic, M. Eric: CUTTING TEMPERATURE MEASUREMENT AND MATERIAL MACHINABILITY, Thermal Science, Vol. 18(1), str. S259-s268, doi: 10.2298/TSCI120719003N, ISSN: 0354-9836, 2014	M22
3	B. Tadic, Dj. Vukelic, J. Hodolic, S. Mitrovic, M. Eric: Conservative-Force-Controlled Feed Drive System for Down Milling, Strojniski vestnik - Journal of Mechanical Engineering Volume, Vol.57, No.7, pp. 425-439, ISSN 0039-2480, 2011.	M23
4	S. Mitrovic, M. Babuic, F. Zivic, I. Bobic, M. Eric, D. Dzunic, M. Pantic: Influence Of Al2O3 Particle Content On The Sliding Wear Behaviour Of Za-27 Alloy Composite, Ref. No. 928/06.12.2011., Journal of the Balkan Tribological Association, Volume 18, No 2, pp. 228-237, ISSN 1310-4772, 2012.	M23
5	M. Babic, D. Adamovic, S. Mitrovic, F. Zivic, M. Eric, D. Dzunic, M. Pantic: Wear Properties Of Shot Peened Surfaces Of 36NiCrMo16 Alloyed Steels Under Lubricated Condition, Ref. No. 930/06.12.2011., Journal of the Balkan Tribological Association, Volume 18, No 2, pp. 228-237, ISSN 1310-4772, 2012.	M23
6	Milan Erić, Marko Djukić, IMPLEMENATION SQL REPORTING SERVICE IN THE TRIBOLOGYCAL DATA BASES, 13th International Conference on Tribology, SERBIATRIB '13, Kragujevac, 2013, 15 – 17 May, pp. 401 - 405, ISBN 978-86-86663-98-6	M23
7	Dragan Lazarević, Milan Erić, Milan Misić, THE DEVELOPMENT OF DIGITAL FACTORY IN TODAY'S WORLD, 7th International Quality Conference QUALITY FESTIVAL 2013, Kragujevac, 2013, May 24rd 2013, pp. 165-179, ISBN 978-86-86663-93-1	M23

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	35	
Total number of paper on the SCI (SSCI) list	7	
The current engagement on projects	Domestic: 2	International
Professional training	Greece, NTUA, Athens, Germany, Technical University of Braunschweig, Italy, Politecnico di Torino, Slovenia, Ljubljana University	
Other information considered relevant		

Name and surname		**Nebojša Jovičić**	
Title		**Full professor**	
Specific scientific area		Energy and process engineering	
Academy career	Year	Institution	Area
Election in title	2011	Faculty of mechanical engineering, Kragujevac	Energy and process engineering
Doctorate	2000.	Faculty of mechanical engineering, Kragujevac	Energy and process engineering
Diploma	1987.	Faculty of mechanical engineering, Kragujevac	Energy and process engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1.	Modeling ecological and energy and economic performance of sustainable technologies for solid waste management	Mr Saša Jovanović	2012	2015
2.	Improving the energy efficiency of urban systems for solid waste management	Goran Bošković	2012	2014

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	Gordic D., Babic M., Jovicic N., Sustersic V., Koncalovic D., Jelic D., Development of energy management system - Case study of Serbian car manufacturer, Energy Conversion And Management, Vol.51, No.12, pp. 2783-2790, ISSN 0196-8904, 2010	M21
2.	G. Jovicic, R. Nikolic, M. Zivkovic, D. Milovanovic, N. Jovicic, S. Maksimović, J. Djordjevic, An estimation of the high-pressure pipe residual life, Archives of Civil and Mechanical Engineering, Vol.13, No.1, pp. 36-44, ISSN 1644-9665, Doi http://dx.doi.org/10.1016/j.acme.2012.11.002, 2013	M22
3.	Vujic G., Jovicic N., Petrovic-Djurovic M., Ubavin D., Nakomcic B., Jovicic G. Gordic D., Influence of Meteorological and Operational-Constructive Parameters on Biogas Generation, Thermal Science, Vol.14, No.2, pp. 555-564, ISSN 0354-9836, Doi 10.2298/TSCI1002555V, 2010	M23
4.	Vujić G., Jovičić N., Babić M., Stanisavljević N., Batinić B., Pavlović A., Assessment Of Plastic Flows And Stocks In Serbia Using Material Flow Analysis, Thermal Science, Vol.14, No.S, pp. 89-95, ISSN 0354-9836, Doi 10.2298/TSCI100621031V, 2010	M23
5.	Vujic G., Jovicic N., Redzic N., Jovicic G., Batinic B., Stanisavljevic N., Abuhress O. A., A Fast Method for the Analysis of Municipal Solid Waste in Developing Countries - Case Study of Serbia, Environmental Engineering And Management Journal, Vol.9, No.8, pp. 1021-1029, ISSN 1582-9596, 2010	M23
6.	Vujić B., Vukmirović S., Vujić G., Jovičić N., Jovičić G., Babić M., Experimental And Artificial Neural Network Approach For Forecasting Of Traffic Air Pollution In Urban Areas: The Case Of Subotica, Thermal Science, Vol.14, No.S, pp. 79-87, ISSN 0354-9836, Doi 10.2298/TSCI100507032V, 2010	M23
7.	Jovičić, N., Bosković, G., Vujić, G., Jovičić, G., Despotović, M., Milovanović, D., Gordić, D., Route Optimization to Increase Energy Efficiency and Reduce Fuel Consumption of Communal Vehicles, Thermal Science, Vol.14, No.S, pp. 67-78, ISSN 0354-9836, Doi 10.2298/TSCI100525067J, 2010	M23
8.	Jovičić, G., Živković, M., Jovičić, N., Milovanović, D., Sedmak, A., Improvement of algorithm for numerical crack modeling, Archieves of Civil and Mechanical Engineering, Vol.10, No.3, pp. 19-35, ISSN 1644-9665, 2010	M23
9.	Babić, M., Milovanović, D., Jovičić, N., Gordić, D., Despotović, M., Šušterčić, V., Jelić, D., Končalović, D., Bošković, G., About Creation and Reached Goals of Development Policy in the Area of Energy Efficiency, Environmental Protection and Sustainable Development in the City of Kragujevac, Thermal Science, Vol.14, No.S, pp. 1-14, ISSN 0354-9836, Doi 10.2298/TSCI100427064B, 2010	M23
10.	Babić, M., Gordić, D., Jelić, D., Končalović, D., Milovanović, D., Jovičić, N., Despotović, M., Šušterčič, V., Overview of a New Method for Designing High Efficiency Small Hydro Power	M23

	Plants, Thermal Science, Vol.14, No.S, pp. 155-169, ISSN 0354-9836, Doi 10.2298/TSCI100515022B, 2010	
11.	Jovicic G., Zivkovic M., Jovicic N., Numerical Simulation of Crack Modeling using Extended Finite Element Method, Strojniški vestnik - Journal of Mechanical Engineering, Vol.55, No.9, pp. 549-554, ISSN 0039-2480, 2009	M23
12.	Jovicic G., Grabulov V., Maksimovic S., Zivkovic M., Jovicic N., Boskovic G., Maksimovic K., Residual life estimation of power plant component the high pressure turbine housing case, Thermal Science, Vol.13, No.4, pp. -, ISSN 0354-9836, 2009	M23
13.	Gordić, D., Babić, M., Jelić, D., Končalović, D., Jovičić, N., & Šušteršič, V., Energy auditing and energy saving measures in 'Zastava Automobili' factory, Thermal Science, Vol.13, No.1, pp. 185-193, ISSN 0354-9836, 2009	M23
14.	Gordić, D., Babić, M., Jovičić, N., Milovanović, D., Effects of the Variation of Torque Motor Parameters on Servovalve Performance, Strojniški vestnik - Journal of Mechanical Engineering, Vol.54, No.12, pp. 866-873, ISSN 0039-2480, 2008	M23
15.	Gordić, D., Jovičič, N., Babić, M., Modelling of a Spool Position Feedback Servovalves, The International Journal of Fluid Power, Vol.5, No.1, pp. 37-50, ISSN 1439-9776, 2004	M23

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	34	
Total number of paper on the SCI (SSCI) list	15	
The current engagement on projects	Domestic: 2	International:
Professional training	2003, 2 months, University of Thrace, Xhanthi, Greece 2004, 2 months, University of Thrace, Xhanthi, Greece 2007 - 2009, 24 days, University of Technology and Life Science, Bydgoszcz, Poland	

Other information considered relevant:

- Manager of 5 domestic and 5 international projects,
- Author/co author of 7 technical solutions.

Name and surname		**Ivan Mačuzić**	
Title		Associate Professor	
Specific scientific area		Industrial Engineering and Engineering Management	
Academy career	Year	Institution	Area
Election in title	2016	Faculty of engineering, University of Kragujevac	Industrial Engineering and Engineering Management
Doctorate	2011	Faculty of mechanical engineering, Kragujevac	Production Engineering, Industrial Engineering
Diploma	1996	Faculty of mechanical engineering, Kragujevac	Production Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1.	Development and implementation of multimodal system for attention monitoring in naturalistic work environments.	Pavle Mijovic	2015	2016
2	Development and implementation of an advanced method for improving security and optimizing the operating environment for manual operations	Giagloglou Evantia	2015	
3	Development of an early management model of engineering human resources in Lean industrial systems	Vukadinović Saveta	2017	

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	Tadic Branko, Vukelic Djordje, Miljanic Dragomir, Bogdanovic Bojan, Macuzic Ivan, Budak Igor, Todorovic Petar, Model testing of fixture-workpiece interface compliance in dynamic conditions, JOURNAL OF MANUFACTURING SYSTEMS, Vol.33, No.1, pp. 76-83, ISSN 0278-6125, 2014	M 21
2.	Todorovic Petar, Vukelic Djordje, Tadic Branko, Veljkovic Dejan, Budak Igor, Macuzic Ivan, Lalic Bojan, Modelling of Dynamic Compliance of Fixture/Workpiece Interface, INTERNATIONAL JOURNAL OF SIMULATION MODELLING, Vol.13, No.1, pp. 54-65, ISSN 1726-4529, 2014	M 21
3.	Arsenijevic Slobodan, Vukcevic-Globarevic Gordana, Volarevic Vladislav, Macuzic Ivan, Todorovic Petar, Tanaskovic Irena, Mijailovic Milan, Raicevic Sasa, Jeremic Branislav,, Continuous controllable balloon dilation: a novel approach for cervix dilation, TRIALS, Vol.13, No.196, pp. 1-14, ISSN 1745-6215, 2012	M 23
4.	Todorovic Petar, Gordic Dusan, Babic Milun, Jeremic Branislav, Demichela Micaela, Macuzic Ivan, An Implementation of Infrared Thermography in Maintenance Plans Within a World Class Manufacturing Strategy, THERMAL SCIENCE, Vol.17, No.4, pp. 977-987, ISSN 0354-9836, 2013	M 22
5.	Miladin Stefanovic, Danijela Tadic, Marko Djapan, Ivan Macuzic, Software for Occupational Health and Safety Risk Analysis Based on Fuzzy Model, INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, Vol.18, No.2, pp. 127-136, ISSN 1080-3548, 2012	M 23
6.	Jeremic Branislav, Vukelic Djordje, Todorovic Petar, Macuzic Ivan, Pantic Marko, Dzunic Dragan, Tadic Branko, Static friction at high contact temperatures and low contact pressure, JOURNAL OF FRICTION AND WEAR, Vol.34, No.2, pp. 114-119, ISSN 1068-3666, 2013	M 23
7.	Todorovic Petar, Blagojevic Mirko, Vukelic Djordje, Macuzic Ivan, Jeremic Marija, Simic Aleksandar, Jeremic Branislav, Static coefficient of rolling friction under heating, JOURNAL OF FRICTION AND WEAR, Vol.34, No.6, pp. 450-453, ISSN 1068-3666, 2013	M 23
8.	Djapan Marko, Tadic Danijela, Macuzic Ivan, Dragojevic Predrag, A new fuzzy model for determining risk level on the workplaces in manufacturing small and medium	M 23

	enterprises, Proceedings of the Institution of Mechanical Engineers, Part O: JOURNAL OF RISK AND RELIABILITY, Vol.229, No.5, pp. 456-468, ISSN 1748-006-, 2015	

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	26	
Total number of paper on the SCI (SSCI) list	13	
The current engagement on projects	Domestic:	International
Professional training		
Other information considered relevant		

Name and surname		Snežana Nestić	
Title		Assistant professor	
Specific scientific area		Industrial Engineering and Engineering Management, Production Engineering	
Academy career	**Year**	**Institution**	**Area**
Election in title	2015	Faculty of engineering, University of Kragujevac	Industrial Engineering and Engineering Management, Production Engineering
Doctorate	2014	Faculty of engineering, University of Kragujevac	Mechanical Engineering
Diploma	2008	Faculty of mechanical engineering, Kragujevac	Mechanical Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	S. Nestic, M. Stefanovic, A. Djordjevic, S. Arsovski, D. Tadic, A model of the assessment and optimization of production process quality using the fuzzy sets and genetic algorithm approach, European Journal of Industrial Engineering, Vol.9, No.1, pp. 77-99, ISSN 1751-5254, 2015	M21
2.	S. Nestic, A. Djordjevic, H. Puskaric, M. Zahar Djordjevic, D. Tadic, M. Stefanovic, The evaluation and improvement of process quality by using the fuzzy sets theory and genetic algorithm approach, Journal of Intelligent & Fuzzy Systems, Vol.29, No.5, pp. 2017-2028, ISSN 1064-1246, Doi 10.3233/IFS-151679, 2015	M22
3.	M. Stefanovic, S. Nestic, A. Djordjevic, D. Djurovic, I. Macuzic, D. Tadic, M. Gacic, An assessment of maintenance performance indicators using the fuzzy sets approach and genetic algorithms, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, Vol.-, No.-, pp. -, ISSN 0954-4054, Doi 10.1177/0954405415572641, 2015	M22
4.	M. Stefanovic, D. Tadic, S. Nestic, A. Djordjevic, An Assessment of Distance Learning Laboratory Objectives for Control Engineering Education, Computer Application in Engineering Education, Vol.23, No.2, pp. 191-202, ISSN 1099-054, Doi 10.1002/cae.21589, 2015	M23
5.	M. Matijevic, M. Stefanovic, V. Cvijetkovic, V. Jokovic, N. Babajic, M. Ravlic, S. Nestic, The Development and Implementation of a Thermal Process Trainer for Control and Measurement via the Internet, Computer Application in Engineering Education, Inter Science, John Wiley & Sons, Inc, Vol.22, No.1, pp. 167-177, ISSN 1099-0542, Doi 10.1002/cae.20543, 2014	M23
6.	D. Tadić, A. Đorđević, M. Erić, M. Stefanović, S. Nestić, Two-step model for performance evaluation and improvement of New Service Development process based on fuzzy logics and genetic algorithm, Journal of Intelligent & Fuzzy Systems: Applications in Engineering and Technology, Vol.33, pp. 3959-3970, ISSN 1064-1246, Doi 10.3233/JIFS-17802, 2017	M23

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	31 SCOPUS	
Total number of paper on the SCI (SSCI) list	6	
The current engagement on projects	Domestic: 1	International
Professional training	Faculty of Economics and Management, Nitra, Slovakia, 1.02.-02.03.2017.	

Other information considered relevant

Name and surname		Ranković Vesna	
Title		**Full professor**	
Specific scientific area		Automation and Mechatronics, Applied Informatics and Computational Engineering	
Academy career	**Year**	**Institution**	**Area**
Election in title	**2014**	Faculty of engineering, University of Kragujevac	Automation and Mechatronics, Applied Informatics and Computational Engineering
Election in title	**2009**	Faculty of mechanical engineering, Kragujevac	Automation and Mechatronics, Applied Informatics and Computational Engineering
Doctorate	**2004**	Faculty of mechanical engineering, Kragujevac	Intelligent control, Robotics
Diploma	**1991**	Faculty of mechanical engineering, Kragujevac	Reliability of mechanical structures

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	**The title of dissertation**	**The name and surname of the candidate**	*** the date of application**	**** date of defence**
1.	Computational intelligence techniques in modeling and identification of behavioral indicators of a dam	Aleksandar Novaković	2013	2014

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	Vesna Ranković, Nenad Grujović , Dejan Divac, Nikola Milivojević, Development of support vector regression identification model for prediction of dam structural behavior, Structural Safety, Vol.48, No.00, pp. 33-39, ISSN 0167-4730, Doi 10.1016/j.strusafe.2014.02.004, 2014.	M21
2.	Jasna Radulović, Vesna Ranković, Feedforward neural network and adaptive network-based fuzzy inference system in study of power lines, Expert Systems with Applications, Vol.37, No.1, pp. 165-170, ISSN 0957-4174, Doi 10.1016/j.eswa.2009.05.008, 2010	M21
3.	Vesna Ranković, Slobodan Savić, Application of feedforward neural network in the study of dissociated gas flow along the porous wall, Expert Systems with Applications, Vol.38, No.10, pp. 12531-12536, ISSN 0957-4174, Doi 10.1016/j.eswa.2011.04.039, 2011	M21
4.	Vesna Ranković, Nenad Grujović, Dejan Divac, Nikola Milivojević, Aleksandar Novaković, Modelling of Dam Behaviour Based on Neuro-Fuzzy Identification, Engineering Structures, Vol.35, pp. 107-113, ISSN 0141-0296, Doi 10.1016/j.engstruct.2011.11.011, 2012	M21
5.	Vesna Ranković, Aleksandar Novaković, Nenad Grujović, Dejan Divac, Nikola Milivojević, Predicting piezometric water level in dams via artificial neural networks, Neural Computing and Applications, Vol.24, No.5, pp. 1115-1121, ISSN 0941-0643, Doi 10.1007/s00521-012-1334-2, 2014	M22
6.	Vesna Ranković, Jasna Radulović, Ivana Radojević, Aleksandar Ostojić, Ljiljana Čomić, Neural network modeling of dissolved oxygen in the Gruža reservoir, Serbia, Ecological Modelling, Vol.221, No.8, pp. 1239-1244, ISSN 0304-3800, Doi doi:10.1016/j.ecolmodel.2009.12.023, 2010	M22
7.	Vesna Ranković, Jasna Radulović, Ivana Radojević, Aleksandar Ostojić , Ljiljana Čomić, Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system, Journal of Hydroinformatics, Vol.14, No.1, pp. 167-179, ISSN 1464-7141, Doi 10.2166/hydro.2011.084, 2012	M22
8.	J. Radulović, V. Ranković, M. Bojić, J.Skerlić, ENVIRONMENTAL IMPACTS OF THE ELECTROMAGNETIC FIELD LEVELS NEAR OVERHEAD TRANSMISSION LINES, Environmental Engineering and Management Journal, Vol.13, No.3, pp. 627-633, ISSN 1582-9596, 2014	M23
9.	Radojevic Ivana, Comic Ljiljana, Rankovic Vesna, Ostojic Aleksandar, Topuzovic Marina, Applying Neural Networks for Predicting the Facultative Oligotrophic Bacteria in Two Reservoirs with Different Trophic State, Journal of Environmental Protection and Ecology, Vol.14, No.1, pp. 55-63, ISSN 1311-5065, Doi -, 2013	M23

10.	Vesna Ranković, Nenad Grujović, Dejan Divac, Nikola Milivojević, Radovan Slavković, Nonlinear Structural Behaviour Identification using Digital Recurrent Neural Networks, Strojarstvo: časopis za teoriju i praksu u strojarstvu, Vol.54, No.3, pp. 221-227, ISSN 0562-1887, 2012	M23
11.	Vesna Ranković, Jasna Radulović, Nenad Grujović., Dejan Divac, Neural Network Model Predictive Control of Nonlinear Systems Using Genetic Algorithms, Journal of Computers, Communications & Control, Vol.7, No.3, pp. 516-525, ISSN 1841-9836, 2012	M23
12.	Vesna Ranković, Jasna Radulović, Prediction of magnetic field near power lines by normalized radial basis function network, Advances in Engineering Software, Vol.42, No.11, pp. 934–938, ISSN 0965-9978, Doi 10.1016/j.advengsoft.2011.06.008, 2011	M23

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	40	
Total number of paper on the SCI (SSCI) list	12	
The current engagement on projects	Domestic: 2	International
Professional training	NTUA Athens, TU Braunschweig	
Other information considered relevant		

Name and surname		**Miladin Stefanović**	
Title		Full professor	
Specific scientific area		Production Engineering, Industrial Engineering	
Academy career	Year	Institution	Area
Election in title	2014.	Faculty of engineering, University of Kragujevac	Industrial Engineering
Election in title	2010.	Faculty of engineering, University of Kragujevac	Industrial Engineering
Doctorate	2005.	Faculty of mechanical engineering, Kragujevac	Industrial Engineering
Diploma	1996.	Faculty of mechanical engineering, Kragujevac	Industrial Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	The title of dissertation	The name and surname of the candidate	* the date of application	** date of defence
1	Quantification of organizational resilience within organizations that are dependent on information and communication technologies	Aleksandar Aleksić	2010	2013
2	The development of decision support systems on the objectives of quality in manufacturing organizations	Snežana Nestić	2010	2014
3	Development of a system for information management support of processes	Ivan Savović	2011	

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1	Miladin Stefanovic, Milan Matijevic, Milan Eric, Visnja Simic, "Method of Design and Specification of Web Services Based on Quality System Documentation", Information System Frontiers, Vol.11, No.1, pp. 75-86, ISSN 1387-3326, 2009	M21
2	Miladin Stefanovic, The Objectives, Arhitectures and Effects of Distance Learning Laboratories for Industrial Engineering Education, Computers and Education, Vol.69, No.November 2013, pp. 250-262, ISSN 0360-1315, Doi 10.1016/j.compedu.2013.07.011, 2013	M21
3	Snezana Nestic, Miladin Stefanovic, Aleksandar Djordjevic, Slavko Arsovski, Danijela Tadic, A model of the assessment and optimization of production process quality using the fuzzy set and genetic algorithm approach, European Journal of Industrial Engineering, Vol.-, No.-, pp. -, ISSN 1751-5254, Doi http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ejie, 2013	M21
4	Danijela Tadic, Aleksandar Aleksic, Miladin Stefanovic, Slavko Arosvski, Evaluation and Ranking of Organizational Resilience Factors by Using a Two Step Fuzzy AHP and Fuzzy TOPSIS, Mathematical Problems in Engineering, Vol.2014, No.ID 418085, pp. 1-13, ISSN 1024-123, Doi http://dx.doi.org/10.1155/2014/418085, 2014	M21
5	Aleksandar Aleksić, Miladin Stefanović, Danijela Tadić, Slavko Arsovski, A fuzzy model for assessment of organizational vulnerability, Measurement, Vol.51, No.1, pp. 214 - 223, ISSN 0263-2241, Doi 10.1016/j.measurement.2014.02.003, 2014	M21
6	Aleksandar Aleksic, Miladin Stefanovic, Slavko Arsovski, Danijela Tadic, An Assessment of Organizational Resilience Potential in SME of Process Industry, The Fuzzy Approach, Journal of Loss Prevention in the Process Industries,, Vol.26, No.2013, pp. 1238-1245, ISSN 0950-4230, Doi 10.1016/j.jlp.2013.06.004, 2013	M22
7	Milan Matijevic, Miladin Stefanovic, Vladimir Cvijetkovic, Vladimir Jokovic, Nenad Babajic, Miroslav Ravlic, Snezana Nestic, The Development and Implementation of a Thermal Process Trainer for Control and Measurement via the Internet, Computer Application in Engineering Education, Inter Science, John Wiley & Sons, Inc, Vol.22, No.1, pp. 167-177, ISSN 1099-0542, Doi 10.1002/cae.20543, 2014	M23
8	Danijela Tadić, PhD Miladin Stefanović, PhD Aleksandar Aleksi, The Evaluation and Ranking of Medical Device Suppliers by Using Fuzzy Topsis Methodology, Journal of Intelligent and Fuzzy Systems, Vol.-, No.-, pp. -, ISSN 1064-1246, Doi 10.3233/IFS-141174, 2014	M23

9	Miladin Stefanović, Milan Matijevic, Dragan Lazic, Experimental Plant for Supervision and Monitoring of an Intermitten Heating System for Engineering Training, International Journal of Engineering Education, Vol.29, No.3, pp. 799-807, ISSN 0949-149, 2013	M23
10	Miladin Stefanović, Danijela Tadić, Snežana Nestić, Aleskandar Đorđević, An Assessment of Distance Learning Laboratory Objectives for Control Engineering Education, Computer Application in Engineering Education, Vol.-, No.-, pp. -, ISSN 1099-0542, Doi 10.1002/cae.21589, 2013	M23
11	Danijela Tadic, Alev Taskin Gumus, Slavko Arsovski, Aleksandar Aleksic, Miladin Stefanovic, Evaluation of Quality Goals by Using Fuzzy AHP and Fuzzy TOPSIS Methodology, Journal of Intelligent and Fuzzy Systems, Vol.25, No.3, pp. 547 – 556, ISSN 1064-1246, Doi 10.3233/IFS-120659, 2013	M23
12	Aleksandar Aleksic, Danijela Tadic, Miladin Stefanovic, Mirjana Misita, Slavko Arsovski, A New Model for Organizational Vulnerabilities Assessment in Small and Medium Enterprises in Presence of Uncertainties, Metalurgia International, Vol.2013, No.1, pp. 150-153, ISSN 1582-2214, 2013	M23
13	Miladin Stefanovic, Danijela Tadic, Marko Djapan, Ivan Macuzic, Software for Occupational Health and Safety Risk Analysis Based on Fuzzy Model, International Journal of Occupational Safety and Ergonomics, Vol.18, No.2, pp. 127-136, ISSN 1080-3548, 2012	M23
14	Goran Devedžić, Branko Ristić, Miladin Stefanović, Saša Ćuković, Tanja Luković, Development of 3D parametric model of human spine and simulator for biomedical engineering education and scoliosis screening, Computer Applications in Engineering Education, Vol.20, No.3, pp. 434-444, ISSN 1099-0542, Doi DOI: 10.1002/cae.20411, 2012	M23
15	Danijela Tadic, Marko Djapan, Mirjana Misita, Miladin Stefanovic, Dragan Milanovic, A Fuzzy Model for Assessing Risk of Occupational Safety in Processing Industry, International Journal of Occupational Safety and Ergonomics, Vol.18, No.2, pp. 115-126, ISSN 1080-3548, 2012	M23
16	Miladin Stefanovic, Vladimir Cvjetkovic, Milan Matijevic, Visnja Simic, "A LabVIEW Based Remote Laboratory Experiments for Control Engineering Education", Computer Applications in Engineering Education, Willey Inter Sceince, Vol.19, No.3, pp. 538 - 549, ISSN 1099-0542, Doi doi.wiley.com/10.1002/cae.20334, 2011	M23
17	Miladin Stefanovic, Milan Matijevic, Vladimir Cvijetkovic, Remote Controlled Laboratory Experiments on the Web, ISSN 1943-670X, International Journal of Industrial Engineering: theory, applications and practice, Vol.18, No.3, pp. 130-139, ISSN 1943-670, 2011	M23
18	Miladin Stefanovic, Milan Matijevic, Vladimir Cvjetkovic, Visnja Simic, „Web Based Laboratory for Engineering Education", Computer Applications in Engineering Education, Inter Science, John Wiley & Sons, Inc, Vol.18, No.3, pp. 526–536, ISSN 1099-0542, Doi doi.wiley.com/10.1002/cae.20222, 2010	M23
19	Miladin Stefanović, Danijela Tadić, Slavko Arsovski, Zora Arsovski, Aleksandar Aleksic, A Fuzzy Multicriteria Method for E-learning Quality Evaluation, International Journal of Engineering Education, Vol.26, No.5, pp. 1200-1209, ISSN 0949-149, Doi -, 2010	M23
20	Miladin Stefanovic, Milan Martijevic, Vladimir Cvjetkovic, "Web-based Laboratories for Distance Learning", International Journal of Engineering Education, Vol.25, No.5, pp. 1005-1012, ISSN 0949-149, 2009	M23

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	235 http://scholar.google.com/citations?user=AqSa7UAAAAAJ&hl=en	
Total number of paper on the SCI (SSCI) list	24	
The current engagement on projects	Domestic: 2	International 1
Professional training	Short visits: Science Park in Seville, Spain, University of Maribor and the University of Ljubljana, Slovenia, University of Engineering and Natural Sciences, Bydgoszcz, Poland, DPU, Copenhagen, Denmark; Imperial College, London, United Kingdom; , Holland Amsterdam, The Netherlands; German University Cairo, Egypt	
Other information considered relevant: Member of IFIP International Federation for Information Processing - Technical Committee - TC3 Education since January 2007; Member of the editorial board of four international journals.		

Name and surname		**Danijela Tadić**	
Title		Full professor	
Specific scientific area		Production engineering and industrial engineering	
Academy career	Year	Institution	Area
Election in title	2013	Faculty of mechanical engineering, Kragujevac	Industrial Engineering
Election in title	2005	Faculty of mechanical engineering, Kragujevac	Industrial Engineering
Doctorate	1999	Faculty of mechanical engineering, Belgrade	Industrial Engineering
Diploma	1991	Faculty of mechanical engineering, Kragujevac	Production Engineering

List of dissertations where a teacher is mentor or the teacher was mentor in the past 10 years

Ordinal no.	The title of dissertation	The name and surname of the candidate	* the date of application	** date of defence
1.	Analysis of business goals under uncertainty	Predrag Pravdić	*	2014
2.	Improvement of model for risk assessment in the workplace based on the theory of fuzzy sets and prognostics	Marko Djapan	*	2014

* The year of the dissertation application (for the dissertation which are in progress), ** The year in which the dissertation is defended (for dissertations from previous period)

Papers in scientific journals in the field of study of the program from the official list of the responsible Ministry of Science, in accordance with the requirements of additional standards for a given field (minimum 5 no more than 20)

1.	Tadić, D., Aleksić, A., Stefanović, M., Arsovski, S. (2014). Evaluation and Ranking of Organizational Resilence Factors by Using a Two Step Fuzzy AHP and Fuzzy TOPSIS, Mathematical Problem in Engineering, Vol. 2014, http://dx.doi.org/10.1155/2014/418085 Artcle ID 418085	M 21
2.	Nestić, S., Stefanović, M., Đorđević, A., Arsovski, S., Tadić, D., (2013). A model of the assessment and optimization of production process quality using the fuzzy sets and genetic algorithm approach, European Journal of Industrial Engineering, http://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ejie ISSN 1751-5254	M 21
3.	Aleksić, A., Stefanović, M., Tadić, D. Arsovski, S. (2014). A fuzzy model for assessment of organization's vulnerability, Measurement, Vol. 51, 214-223, doi:10.1016/j.measurement.2014., ISSN 0263-2241	M 21
4.	Aleksić, A., Stefanović, M., Arsovski, S., Tadić, D. (2013). An assessment of organizational relilience potential in SMMES of the process industry, a fuzzy approach, Journal of Loss Prevention in the Process Industries, Vol 26 (6), 1238-1245, doi: 10.1016/j.jlp.2013.06.004	M 22
5.	Tadić, D., Gumus, T.A., Arsovski, S, Aleksić, A., Stefanović, M. (2013). An evaluation of Quality Goals by Using Fuzzy AHP and Fuzzy TOPSIS Methodology, Journal of Intelligent and Fuzzy systems, Department of Mechanical Engineering Texax A&M University, Vol 25 (3), 547-556, ISSN: 1064-1246, doi:10.3233/IFS-120659	M 23
6.	Tadić, D., Misita, M., Milanović, D.D., Đukić, T., Senussi, G. (2013). A novel approach to process improvement in small and medium manufacturing enterprises, J. of Engineering manufacturing Part B, Institite of Mechanical Engineering, ISSN: 0954-4054, doi: 10.1177/0954405413508768 15	M 23
7.	Stefanović, M., Tadić, D., Nestić, S., Đorđević, A. (2013). An assessment of distance learning laboratory objectives for control engineering education, Computer Applications in Engineering Education, accepted for publishing, doi:10.1002/cae.21589	M 23
8.	Tadić, D., Stefanović, Aleksić, A. (2014), The Evaluation and ranking of medical devices suppliers by using a fuzzy TOPSIS methodology, Journal of Intelligent and Fuzzy systems, Department of Mechanical Engineering Texax A&M University, accepted for publishing, ISSN: 1064-1246, doi: doi:10.3233/IFS-14174	M 23
9.	Tadić, D., Đapan, M., Misita, M., Stefanović, M., Milanović, D.D. (2012). A Fuzzy Model for Assessing Risk of Occupational Safety in processing Industry, Int. J. of Occupational Safety and Ergonomics (JOSE), Centraly Institut Ochrony Pracy and central institute for labour Protection, Vol 18 (2),115-126, ISSN: 1080-3548	M 23
10.	Tadić, D., Savović, I., Misita, M., Arsovski, S., Milanović, D.D. (2012). Development of a fuzzy logic-based inherent safety index for food industries, Journal of Process Mechanical	M 23

	Engineering, Part E, Institite of Mechanical Engineering, accepted fot publishing, doi: 10.1177/0954-408912466369, ISSN: 0954-4089	
11.	Tadić, D., Milanović, D.D., Misita, M., Tadić, B. (2011). New Integrated approach to the problem of ranking and supplier selection ubder uncertainties, J. of Engineering manufacturing Part B, Institite of Mechanical Engineering, ISSN: 0954-4054, 225 (9), 1713-1724	M 23
12.	Danijela Tadić, PhD Miladin Stefanović, PhD Aleksandar Aleksi, The Evaluation and Ranking of Medical Device Suppliers by Using Fuzzy Topsis Methodology, Journal of Intelligent and Fuzzy Systems, Vol.-, No.-, pp. -, ISSN 1064-1246, Doi 10.3233/IFS-141174, 2014	M 23
13.	Tadić, D., Popović, P., Đukić, A., A fuzzy approach to evaluation and management of therapeutic procedure in diabetes mellitus treatment, Yugoslav Journal of Operational rRsearch, Vol.20, No.1, pp. 99-116, ISSN 0354-0243, 2010	M 24
14.	Tadić, D., Janković, S., Matijević, M., Fuzzy Multicriteria pproach for Evaluation and Ranking Therapeutic procedure, Review of Clinical Pharmacology and Pharmacokinetics, Int. Edition, Vol.21, No.1, pp. 225-230, ISSN 1011-6582, 2007	M 24
15.	Tadić, D., Janković, S., Matijević, M., Fuzzy Multicriteria Approach for Evaluation and Ranking Therapeutic Procedure, REVIEW OF CLINICAL PHARMACOLOGY AND PHARMACOKINETIC INTERNATIONAL EDITION, Vol.-, No.-, pp. -, ISSN -, 2007	M 24
16.	Tadić, B., Tadić, D., Marjanović, N., Fuzzy Approach of Business of Holding Equipment in the Conditions of Decreased Production Range, YUJOR, Vol.17, No.2, pp. 1-15, ISSN -, 2007	M 24
17.	Tadić, B., Mitrović, R., Tadić, D., Evidentiranje količina RS na teritoriji Republike Srbije - statistička procena, Ekonomski Anali, Ekonomski fakultet Univerziteta u Beogradu, Beograd, Vol.-, No.169, pp. 127-141, ISSN -, 2006	M 24

Total data of scientific activity of the teacher		
Total number of citation with no auto citation	1	
Total number of paper on the SCI (SSCI) list	17	
The current engagement on projects	Domestic:1	International:1
Professional training	ESI XX Minich (2005), GERAD University of Montreal, (2002)	
Other information considered relevant		