
	<p>UNIVERSITY OF NOVI SAD</p> <p>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p>	
	<p>Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

STUDY PROGRAMME ACCREDITATION MATERIAL:

DISASTER RISK MANAGEMENT AND FIRE SAFETY

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad

2014.



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

Programme name	Disaster Risk Management and Fire Safety
Independent higher education institution where the programme is being executed	University of Novi Sad
Higher education institution where the programme is being executed	Faculty of Technical Sciences
Educational-scientific/educational-art field	Interdisciplinary
Scientific, professional or art field	Inženjerstvo zaštite životne sredine i zaštite na radu; Građevinarstvo; Industrijsko inženjerstvo i menadžment;
Type of studies	Undergraduate Academic Studies
Study scope, expressed in ECTS	240
Academic degree, abbreviation	Bachelor with Honours in Disaster Risk Management and Fire Safety, B.Dis.Ris.Managem.Fir.Saf.
Study length	4
Programme implementation starting year	2011
Future course implementation starting year (for new programme)	
Number of students attending this programme	62
Planned number of students to be enrolled in this programme	160
Programme approval date (state the approval issuer)	14.11.2012 - Science Education Council 29.11.2012 - University of Novi Sad Senate
Programme language	Serbian, English
Programme accreditation year	2011
Web address containing programme information	http://www.ftn.uns.ac.rs



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 00. Introduction

The study programme of the undergraduate academic studies in Risk and Fire Protection Management is designed as a highly interdisciplinary and multidisciplinary study programme. The programme of the undergraduate studies in Risk and Fire Protection Management is comprised of educational and research fields of the engineering profession, thus forming the curriculum which represents the interdisciplinarity of the programme. In the realization of the programme, curriculums in risk and fire protection management, power engineering, mechanical engineering, management, architecture, civil engineering and basic scientific disciplines of mathematics, chemistry, physics and others are studied, thus completing the multidisciplinary image of the study programme in Risk and Fire Protection Management.

Frequent phenomena of natural and fire disasters in the world, as well as in our country, has become one of the most important world issues and factors of sustainable development of human civilization.

Special problems of the countries in transition - an uneven economic growth, the need for sustainable development, imperatively look for educated experts ready and educated to solve accumulated complex problems in the field of risk and fire protection management in the economy, industrial systems, public enterprises and national institutions, especially based on the preventive actions with an objective to achieve acceptable risk level in the circumstances of unwanted events.

The interdisciplinary approach of the study programme Risk and Fire Protection Management, resulting from the technical and engineering knowledge, enables for education of the engineers of risk and fire protection management who are able to solve accumulated problems in the system of risk and fire protection management, but also in other industrial and economic systems.

Risk and Fire Protection Management is a programme which resulted as an answer to the modern needs of industry, economy and institutions facing the issues of risk and fire protection management and needing the engineers with an up to date interdisciplinary knowledge in the field of risk and fire protection management.



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Disaster Risk Management and Fire Safety

Standard 01. Programme Structure

The title of the study programme of the undergraduate academic studies is Risk and Fire Protection Management. The acquired academic title is Bachelor in Occupational Safety Engineering. The outcome of the studying process is the knowledge which enables students to use professional literature, apply knowledge to the problems which occur in the profession, practice and research while using theoretical professional literature and enables the continuation of the studies if students decide so.

The study programme prerequisite for the enrolment is completed four-year high school and the passed enrolment examination. Enrolment examination is taken in mathematics and preference test (it is valued max. 60 points) and is considered to be passed if the candidate wins at least 14 points.

There is one study group at the undergraduate studies lasting four years: Risk and Fire Protection Management. After enrolling the third year, students have a choice of elective courses besides obligatory courses, which they can choose from based on their personal preferences. The difference in the contents of the elective courses enables students to gain detailed knowledge in two subfields: Risk and Fire Protection Management.

Obligatory courses, as well as elective courses are defined based on the dominant, identified problems of risk and fire protection management in industry, economy and sciences, for sustainable solution of serious and accumulated problems in these fields in our country, region and globally, as well as based on the experience of the similar study programmes in the EU countries and other world countries.

The extension of the knowledge in the domain of Risk and Fire Protection Management is designed with an emphasis on the analysis and monitoring of the natural environment, risk analysis, risk assessment, modelling of different events and preventive actions in risk management, with an objective to reduce risk to the acceptable level under the circumstances of disastrous events, reduction of the potential consequences of the unwanted events and risk management according to the principles of sustainable development.

The extension of knowledge in the domain of Fire Protection is designed with an objective to profile engineers who are able to manage fire risks in the built environment, industrial processes, systems in the living environment, and who are ready to give integrated answers to the issues occurring in the industrial facilities, public enterprises or national institutions.

Elective courses are chosen from the group of suggested courses, but students have the possibility to choose one of the courses from the FTN, UNS or some other University in the country or abroad according to their personal preferences and with the professor approval. In doing so, all preconditions prescribed for the attendance of the elected course must be met.

The course consists of lectures and practice. During the lectures theory is presented using the adequate didactic tools, but students are also presented with the research trends in the specific field. During practice, which accompanies lectures, students work on the specific designing problems or research topics dealing with the field of study, thus coming to direct contact with the matter being taught. Practice gives additional explanation of the matter being taught during the lectures. Practice may be auditory, laboratory, computer or computing. Part of the Practice may be carried out in the factories or other institutions.

Groups are determined depending on the Practice character. Student obligations during the Practice may include writing of the term papers and homework assignments, project assignments, term and graphic papers while each student activity during the teaching process is monitored and evaluated according to the rules adopted at the Faculty level. The number of obtained credits is presented according to the unique methodology and it represents the workload per student.

Each course is worth certain number of ECTS credits, and the studies are completed when the student fulfils all obligations predicted by the study programme and collects at least 240 ECTS in the process.



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Disaster Risk Management and Fire Safety

Standard 02. Programme Objectives

The purpose of the Study Programme is the education of students for the profession of Risk and Fire Protection Management in accordance with the needs and the development of the country and with very complex engineering problems in the circumstance of catastrophic events and fire which have to be solved with an objective of social and sustainable development.

The Study Programme Risk and Fire Protection Management is designed to provide the acquisition of competences and qualifications that are socially justified and useful. Faculty of Technical Sciences defined tasks and goals for educating highly competent personnel in the field of technical sciences and engineering. The purpose of the Study Programme of Risk and Fire Protection Management is completely in accordance with the basic objectives and goals of the Faculty of Technical Sciences.

Graduated engineers of Risk and Fire Protection Management – Bachelors are educated by realization of the study programme designed in this way and possess competences in the European and worldwide circles.



Study Programme Accreditation

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Disaster Risk Management and Fire Safety

Standard 03. Programme Goals

The objective of the study programme is to achieve competences and academic knowledge and skills in the field of Risk and Fire Protection Management. Besides others, students are able to develop creative engineering abilities in considering problems, the ability of critical and analytical thinking, the development of teamwork skills, cooperation and communication skills, and the mastering of specific practical skills necessary for optimal professional work.

The objective of the study programme is to educate an expert who possesses necessary knowledge in basic scientific disciplines (mathematics, physics, chemistry, mechanics, thermo dynamics and other sciences...) in order to create real images about processes happening in nature, the living environment, industrial systems, as well as in the classical and specialized engineering disciplines of mechanical engineering, power engineering, civil engineering, architecture, processing systems, programming and applied professional scientific disciplines in management, human resources management, hazardous substances, engineering and calculations, assessment, risk and hazard management and reduction in the circumstances of catastrophic events and fire.

One of the specific objectives which is in accordance with educational objectives of experts at the Faculty of Technical Sciences is to develop students' awareness of the need for permanent education (long life learning), and especially for the sustainable development and the environmental protection. The objective of the study programme is to educate experts for the teamwork, while developing the ability to represent scientific results to the professional and wider public.



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Disaster Risk Management and Fire Safety

Standard 04. Graduates` Competencies

Graduate students of the undergraduate academic studies in Risk and Fire Protection Management are competent and qualified to solve real problems in the practice, as well as to continue education if they decide so.

The competences include, above all, the development of the ability for critical thinking, ability of problem analysis, solution synthesis, behaviour prediction of the chosen solution with the clear idea of good and bad sides of the chosen solution.

When it comes to the specific capabilities of students, mastering the study programme, the student acquires fundamental knowledge and understanding of all technical and engineering disciplines, as well as the ability for solving specific problems using the scientific methods and procedures. Considering the interdisciplinary character of the study programme of risk and fire protection management, the ability of connection and section of fundamental and technical disciplines, holistic approach and the basic knowledge in different fields and their application are especially important.

Graduated students from this level of academic studies in risk and fire protection management are able to adequately design, engineer and present results and activities of engineering work. During the studies it is insisted on intensive use of modern information technologies and tools. Graduated students from this level of studies possess competences for knowledge application in practice and monitoring of novelties in the profession, solving problems at all levels and cooperation with local, social and international environment. Students are enabled to design projects, organize and manage risk and fire protection. During their education, students acquire knowledge to independently plan and carry out experiments of statistical data processing as well as to define and make adequate conclusions.

A student with bachelor`s degree in Risk and Fire Protection Management also acquires competence to sustainably use and protect the natural resources of the Republic of Serbia in accordance with the principles of sustainable development.

During the studies, the team work abilities and professional ethics development are especially nourished and developed.



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Standard 05. Curriculum

The curriculum of graduate academic studies in Risk and Fire Protection Management is designed for the purpose of achieving defined goals and competencies. The structure of the curriculum is defined with 15% of academic general courses, ca. 20% of theoretical-methodological courses, about 35% of scientific-professional courses, and about 30% of professional-applicative courses out of the total number of the study programme points.

Elective courses are also present with at least 20% of the ECTS credits. Besides this classification, the study programme of Risk and Fire Protection Management, which comprises of these courses, can also be divided into the following groups:

- the group of courses in fundamental engineering disciplines (mathematics, chemistry, physics, mechanics),
- the group of courses in mechanical engineering, power engineering, civil engineering, architecture, technology, management
- the group of courses with the narrow professional orientation in solving specific problems in risk and fire protection management.

All courses last one semester and are worth certain amount of ECTS credits. The order of lectured courses in the study programme is the logical order of knowledge necessary for the following courses and acquired at the previously realized courses.

The curriculum includes the description of each course containing the name, type of article, year and semester, the number of ECTS credits, the name of the teacher, the course aims with expected outcomes, knowledge and competencies, prerequisites for attending the course, course content, recommended literature, methods of teaching, the way of knowledge testing and assessment and other data. The study program is consistent with European standards in terms of conditions of enrolment, duration of study, conditions of transition to the next year, graduation, and modes of study.

An integral part of the curriculum of Risk and Fire Protection Management is a professional practice and practical work of 120 hours, which is implemented in the relevant scientific research institutions, in organizations for innovation activities, in organizations which provide infrastructural support to innovation activities, in enterprises and public institutions. A student is completing his/her studies by elaboration bachelor thesis, which consists of theoretical and methodological preparation necessary for in-depth understanding of the chosen field for writing bachelor thesis paper.

Prior to the defence of the paper, a candidate has to pass the theoretical and methodological foundations in front of the bachelor thesis mentor. The final assessment of the bachelor thesis is performed on the basis of the passed theoretical and methodological preparation and elaboration evaluation and defence of the thesis itself. Bachelor thesis is defended before a committee consisting of at least three professors.



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Table 5.2 Course specification

Course:		Fundamentals of Risk and Fire Protection Management					
Course id:	URZP56						
Number of ECTS:	7						
Teacher:		Ćosić I. Đorđe					
Course status:		Mandatory					
Number of active teaching classes (weekly)							
Lectures:	Practical classes:	Other teaching types:	Study research work:		Other classes:		
4	2	0	0		1		
Precondition courses							
None							
1. Educational goal:							
Introducing students to the basic principles of risk and fire protection management.							
2. Educational outcomes (acquired knowledge):							
Acquisition of basic knowledge in the field of risk and fire protection management.							
3. Course content/structure:							
Catastrophic events and fires through history							
History of risk and fire protection management							
Terminology and definitions							
Introduction to the risk function and its basic components.							
Introduction to the cycle of risk management in the events with catastrophic consequences.							
Introduction to institutional and legislative frameworks of risk and fire protection management							
Insurance and risk and fire protection management							
The role of information and communication technologies in risk and fire protection management.							
4. Teaching methods:							
Lecture, Auditory and Computer Practice, Consultations							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory		Yes	50.00
Lecture attendance		Yes	5.00				
Term paper		Yes	40.00				
Literature							
Ord.	Author	Title			Publisher		Year
1,	Damon P. Coppola	Introduction to International Disaster Management			Elsevier		2007
2,	James G. Quintiere	Fundamentals of Fire Phenomena			John Wiley & Sons Ltd, England		2006
3,	Bernard Henry	Fire			Johan Baker Publishers		1968
Literature							



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Table 5.2 Course specification

Course:		Mathematics 1				
Course id: Z104						
Number of ECTS: 6						
Teachers:		Nikolić M. Aleksandar, Lukić J. Tibor				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
3		3	0	0		0
Precondition courses None						
1. Educational goal:						
Acquisition of basic knowledge in advanced mathematics and enabling students to apply acquired knowledge in other general and professional courses. Development of the ability of logical thinking, data analysis and making conclusions based on the data analysis results.						
2. Educational outcomes (acquired knowledge):						
Basic knowledge in advanced mathematics. Enabling students to independently use acquired mathematical knowledge in professional courses. Developed abstract and logical thinking and the ability to make conclusions based on the data analysis.						
3. Course content/structure:						
Complex numbers. Vectors, scalar and vector product, application in mechanics. Analytical geometry in space, line, surface and interrelationships. Determinants and systems of linear equations. Polynomials and rational functions. Bezout's theorem. Number sequences. Limit of a function. Derivatives. Graph of a function.						
4. Teaching methods:						
Lectures and Practice. Colloquiums during semester, examination (problems and theoretical test) at the end of the semester. Lectures are held in a combined manner. During lectures theoretical part of the course is presented and followed by typical examples for better understanding. During practice, which accompanies lectures, typical problems are solved and the knowledge from lectures is deepened. Besides lectures and practice, consultations are held on a regular basis. A part of the course, which represents a logical whole, may be taken during the teaching process in the form of a colloquium. During the teaching process homework assignments are given and student can solve them independently or in a group.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance			Yes	5.00		
Test			Yes	20.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Nevenka Adžić	Matematika za Arhitektonski odsek i srodne struke			FTN	2006
2,	Jovanka Nikić, Lidija Čomić	Matematika jedan, deo 1			FTN	2005
3,	Nevenka Adžić	Zbirka rešenih zadataka iz matematike za Arhitektonski odsek			FTN	1998
4,	Tatjana Grbić	Zbirka rešenih zadataka iz Matematike 1			FTN	2001
Literature						



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Table 5.2 Course specification

Course:		Chemical Phenomena in Engineering			
Course id:	Z600				
Number of ECTS:	6				
Teachers:	Kiurski S. Jelena, Turk-Sekulić M. Maja				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	0	3	0	0	
Precondition courses					
None					
1. Educational goal:					
Introducing students of technical profession to the basic phenomena, principles and laws of chemistry.					
2. Educational outcomes (acquired knowledge):					
Acquiring basic knowledge of general and inorganic chemistry and fundamental chemical principles which enable better understanding of a great number of processes and reaction phenomena in the field of disaster risks management.					
3. Course content/structure:					
Basic chemical laws. Structure of pure substances. Periodicity of the element properties in PT. Chemical bonds. Intermolecular bonds. Dispersed systems. Solutions. Types and characteristics of inorganic compounds. Toxicology of inorganic compounds. Oxidation reduction processes. Chemical kinetic. Catalysts. Chemical equilibrium. Combustion processes. Types and characterization of organic compounds. Toxicology of organic compounds. Coordination compounds. Elements of the main group of the periodic table, compounds and chemical reactions: hydrogen, IA and IIA group; IIIA and IVA group; VA and VIA group; VIIA group. Elements of the sub-groups: IB (Cu, Ag, Au), IIB (Zn, Cd, Hg), VIB (Cr, Mo, W) and VIIB (Mn) and elements of the Fe triad: Fe, Co, Ni. Types of harmful effects of the chemical substances. Direct effects of the toxic organic and inorganic compounds. Indirect effects of the toxic organic and inorganic compounds. Flammability and explosiveness of organic and inorganic compounds. Explosive atmosphere.					
4. Teaching methods:					
Lectures. Laboratory and Computing Practice. Consultations – individual and group. During semester students are required to attend lectures, laboratory and computing practice. After successfully realized examination prerequisites, students take the final exam in written form, which consists of computational and theoretical part. Computational part of the final exam can be quarterly taken through the two colloquiums.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	20.00	Written part of the exam - tasks and theory	Yes 70.00
Exercise attendance		Yes	5.00	Coloquium exam	No 20.00
Lecture attendance		Yes	5.00	Coloquium exam	No 20.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	M. Vojinović Miloradov, M. Turk Sekulić, J. Radonić	Hemija - Interna skripta		Fakultet tehničkih nauka, Novi Sad	2011
2,	M. Vojinović Miloradov et al.	Radna sveska, Praktikum sa uputstvima za vežbe iz predmeta Hemijski fenomeni u inženjerstvu		Fakultet tehničkih nauka, Novi Sad	2012
3,	S. Arsenijević	Opšta i neorganska (odabrana poglavlja)		Naučna knjiga, Beograd,	1998
4,	I. Filipović, S. Lipanović	Opća i anorganska kemija I, II (odabrana poglavlja)		Školska knjiga, Zagreb	1991
5,	P. Vollhardt and N. Schore	Organska hemija		Data status, Beograd	2004
6,	P. Atkins and L.Jones	Chemical Principles		Clancy Marshall, New York.	2010
7,	D. Veselinović, I. Gržetić, Š. Đarmati, D. Marković	Stanja i procesi u životnoj sredini		Fakultet za fizičku hemiju, Beograd,	1995
8,	O. Stojanović, N., Stojanović, Đ. Kosanović	Štetne i opasne materije		Rad, Beograd	1995
Literature					



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Table 5.2 Course specification

Course:		Technical Physics				
Course id:	M101					
Number of ECTS:	4					
Teachers:		Kozmidis-Petrović F. Ana, Lončarević M. Ivana				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	0	2	0	0		
Precondition courses		None				
1. Educational goal:						
Acquisition of basic knowledge in technical physics.						
2. Educational outcomes (acquired knowledge):						
Basic knowledge in technical physics.						
3. Course content/structure:						
Fundamental forces and conservation laws. Special theory of relativity. Fundamentals of electrostatics. Electric field and potential. Conductors and dielectric in an electric field. Electricity. DC, resistance. Modern theory of conductivity. Semiconductors. Electromagnetism. The magnetic field of electricity. Electromagnetic induction. Magnetic field energy. AC. Magnetic field in the material. Diamagnetism, paramagnetism, ferromagnetism. Wave propagation and acoustics. Wave equation. Doppler effect. Power and volume. The absorption of sound. Ultrasound. Optics. The basic laws of geometrical optics. Regular reflection. Diffuse reflection. Index refraction. Dispersion. Optical instrument. Wave optics. Polarization. Diffraction of light and X – ray diffraction. Color. Dualism of light. Heat radiation. Black body and Planck law. Photoeffect. Stimulated emission. Lasers. Physical basis of nuclear engineering. Radioactive decays. Nuclear reactors. Particle accelerators.						
4. Teaching methods:						
Lectures, Laboratory Practice, Computing Practice, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Laboratory exercise defence		Yes	20.00	Written part of the exam - tasks and theory	Yes	70.00
Lecture attendance		Yes	10.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Ana Petrović	Osnovi primenjene fizike		Univerzitet u Novom Sadu Fakultet Tehničkih Nauka	2007	
Literature						

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Table 5.2 Course specification

Course:		Principles of economics						
Course id:	IM1004							
Number of ECTS:	4							
Teachers:		Lošonc N. Alpar, Ivanišević V. Andrea						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		2		0		0	0	
Precondition courses		None						
1. Educational goal:								
The most important educational goal is to enable the students to adapt to the new socio-economic processes. The students (the next engineer) appropriate the forms of economic knowledge that are indispensable for the realizing of the different purposes in the firms during the transition and post-transition in Serbia. The educational goal is that the engineer is enabled to combine the technical and economic dimensions of her work.								
2. Educational outcomes (acquired knowledge):								
The appropriation of the practical knowledge that enables the engineer to apply the economic categories in different areas of life and to combine the technical and other processes with the economic criterion. The consequence of the education is reflects in capacities to arrange situations based on economic rationality.								
3. Course content/structure:								
The relationships between supply and demand. Costs, forms of costs. Structure of market. The elements of the treatment of monopolistic structures. Forms of prices and the principles of the forming of prices. Profit. Technology in the economic perspective. Technology and innovation. Analysis of the economic aspects of hierarchy in firms. Forms of firms. Manager as the creator of the expectation in the firm. Economics of idiosyncrasy. Transaction costs and innovativeness in firm.Economic aspects of innovation.								
4. Teaching methods:								
The lectures are based on the combination of the relevant theoretical and practical knowledge. The emphasis is put on the applicative-technical aspects of economizing that includes concrete case studies and treating of the concrete situations selected from the contemporary economies. The students will be enabled to understand the tendencies and laws of market economy and to apply this type of knowledge.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Oral part of the exam		Yes	70.00
Homework			Yes	5.00				
Lecture attendance			Yes	5.00				
Project task			Yes	15.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Josifidis, K., Lošonc, A.		Principi ekonomije			Stylos		2004
2,	Perez, Carlota		Technological Revolutions and Financial Capital: The Dynamics of Bubbles and Golden Ages			Cheltenham, Elgar		2002
3,	Prencipe, Andrea		The Business of Systems Integration			Oxford: Oxford University Press		2005
4,	Carlota Perez		Paradigm Shifts and Socio-Institutional Change, Economic Development and Inequality			Edward Elgar, Cheltenham, UK		2004
Literature								



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

Table 5.2 Course specification

Course:		Mathematics 2			
Course id:	Z106				
Number of ECTS:	6				
Teachers:	Nikolić M. Aleksandar, Lukić J. Tibor				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	3	0	0	0	
Precondition courses					
1. Educational goal:					
Acquisition of basic knowledge in advanced mathematics and enabling students for abstract thinking and application of acquired knowledge in general and other professional courses. Development of the calculation techniques used for practical problems, project and professional courses.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in further education and in professional courses. The student uses and solves mathematical models using acquired mathematical knowledge. Enabling students for logical thinking and making conclusions based on the data analysis results.					
3. Course content/structure:					
Real functions of one variable. Limiting values of the functions. Testing and analysis of the function and drawing its graph. Real functions of multiple variables. Partial derivatives, total differentials. Differential calculus. Application of derived functions. Integrals. Application of integrals. Differential equations of the first order. Differential equations of the higher order. Introduction to the series theory.					
4. Teaching methods:					
Lectures and Practice. Colloquium during semester, examination (problems and test in theory) at the end of the semester. Lectures are combined. During the lectures, theoretical part of the course is presented and followed by typical examples for better understanding. During the Practice, which accompanies lectures, typical problems are solved and the knowledge from the lectures is deepened. Besides lectures and practice, consultations are held on the regular basis. Part of the course, which represents a logical whole, can be taken during the teaching process in the form of the colloquium. During the teaching process students get homework assignments which they solve individually or in a group.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance		Yes	5.00		
Test		Yes	20.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Nevenka Adžić	Matematika za Arhitektonski odsek i srodne struke		FTN	2006
2,	Jovanka Nikić, Lidija Čomić	Matematika jedan, deo 1		FTN	2005
3,	Irena Čomić, Aleksandar Nikolić	Diferencijalne jednačine		FTN	2005
4,	Nevenka Adžić	Zbirka rešenih zadataka iz matematike za Arhitektonski odsek		FTN	1998
Literature					



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Table 5.2 Course specification

Course:		Fundamentals of Information Technologies				
Course id:	URZP11					
Number of ECTS:	6					
Teacher:		Popov B. Srđan				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
1	0	3	0	0		
Precondition courses		None				
1. Educational goal:						
Introduction to the basic entities and functions of information technologies.						
2. Educational outcomes (acquired knowledge):						
Acquisition of knowledge in fundamentals of information technologies.						
3. Course content/structure:						
<p>Mathematical basis of IT – number systems, logic operations.</p> <p>Hardware – short history of personal computer, types of computers, components of computers (what they are, how they work, choice of components, performance of components and the impact on the system, basic problems and solutions), peripheral devices (monitor, mouse, printer, scanner, uninterruptable power supply).</p> <p>Software – Application software, AS types (commercial, open code), selection of AS (versions, copy rights, licensing), examples of AS (text editors, text processors, composite tables, presentations, Google maps/earth), development environment (phases of software development, html, java script, kml/kmz), GUI/terminal shel, types of users (the role of the end user, administrator, programmer).</p> <p>Communications – LAN/WAN, intranet/internet, services (mail. http, ftp, chat, social networks).</p> <p>On-line resources – Indexes, libraries, sources of spatial data.</p>						
4. Teaching methods:						
Lectures, Practice, Course Assignments, Tests, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Project task		Yes	30.00	Written part of the exam - tasks and theory	Yes	30.00
Test		Yes	40.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Marija Stanču, Srđan Popov	Osnovi računarstva - praktikum		Fakultet tehničkih nauka, Novi Sad	2002	
2,	J. Dujmović	Programski jezici i metode programiranja		Naučna Knjiga	1990	
Literature						



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Table 5.2 Course specification

Course:		Fundamentals of Technical Documentation Design						
Course id: URZP24								
Number of ECTS: 8								
Teachers:		Laban Đ. Mirjana, Jakšić D. Željko						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
4		2		0		0	1	
Precondition courses		None						
1. Educational goal:								
Introduction to the basic principles of presentation and visualization of space in technical sciences, acquisition of technical literacy, ability to understand and read engineering – technical documentation of designing simple technical drawings.								
2. Educational outcomes (acquired knowledge):								
Acquired theoretical and applied knowledge about technical visualization of space and elements in designing technical documentation.								
3. Course content/structure:								
Basic concepts in technical drawing; ration, types of engineering documentation, descriptive geometry as a basis for designing technical drawings. Point. Point projection of one, two and three planes, quadrants and octants. Projections of lines and line segments. Plane. Traces of the plane. Plane of intersecting lines. Orthogonal projection of the body. Rotation. Line segment rotation. Transformation: point, line segment, plane, body, the right size of the line segment, triangle. Technical drawing: ration, line, format of the technical drawing. Quoting. Method of quoting. Quoting signs. Types of technical documentation for building facilities. Contents and characteristics, standards and marks in technical drawings in architectural and construction designs. Space presentation in scale, foundations, sections and the appearance of the buildings. Water and sewer projects. Contents and characteristics, standards and marks in technical drawing in electric project documentation. Project of strong and weak current. Diagrams and marks. Contents and characteristics, standards and marks in technical drawing of mechanical engineering projects. Projects of heating and air-conditioning, ventilation, hydrant installations, stable systems for fire extinguishing, schemes and marks. Presentation of technological processes. Schemes and marks.								
4. Teaching methods:								
Lectures, Graphic Practice, Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	50.00
Graphic paper			Yes	40.00				
Lecture attendance			Yes	5.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Anagnosti, P.		Nacrtna geometrija			Naučna knjiga, Beograd		1996
2,	Dovniković, L.		Nacrtna geometrija			Univerzitet u Novom Sadu		1994
3,	-		Propisi, pravilnici, standardi, normativi			-		-
Literature								



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Table 5.2 Course specification

Course:		Introduction to electrical engineering			
Course id:	URZP12				
Number of ECTS:	6				
Teachers:		Juhas T. Anamarija, Pekarić-Nadž M. Neda			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	3	0	0	0	
Precondition courses		None			
1. Educational goal:					
The course objective is to teach the students fundamental laws in electrical engineering, as well as to train them to solve electric circuits of direct current and time harmonic current.					
2. Educational outcomes (acquired knowledge):					
Students who complete the course are able to solve simple electric circuits of direct current and time harmonic current. They also know how to calculate instantaneous, complex, active, reactive and maximum power in electric circuits. The students are able to individually solve simple electrical problems, to successfully communicate with their peers and to be a successful part of a multidisciplinary team.					
3. Course content/structure:					
Electric energy, voltage, potential. Capacitors. Intensity of electric current. Kirchhoff's Current law. Ohms law, resistors, series and parallel resistors, mixed resistors. Joules law. Kirchhoff's voltage law. Generators and their characteristics. Simple electric circuits. Direct current circuits. Time harmonic current. Impedance and simple AC circuits. Phasors. Complex domainl solutions of the AC circuits. Complex power. Maximum active power transfer. Symmetrical three phase systems.					
4. Teaching methods:					
The course consists of lectures and multimedia presentations. Inductive teaching method is applied. Engineering intuition is built based on a set of small examples . Students work on four lab experiments related to direct current and time harmonic current circuits.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Laboratory exercise defence		Yes	10.00	Written part of the exam - tasks and theory	Yes 70.00
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Anamarija Juhas, Miodrag Milutinov, Neda Pekarić Nađ	Zbirka zadataka iz osnova elektrotehnike za strukovne studije		edicija FTN	2012
2,	Giorgio Rizzoni	Principles and applications of electrical engineering		McGraw Hill	2011
Literature					



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Table 5.2 Course specification

Course:		Building materials and structures			
Course id: URZP13					
Number of ECTS: 7					
Teachers:		Malešev M. Mirjana, Radonjanin S. Vlastimir			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:		Practical classes:	Other teaching types:	Study research work:	Other classes:
4		1	0	0	1
Precondition courses					
None					
1. Educational goal:					
Acquiring basic knowledge about building materials, structures and building technics. Through studying of possibilities of application of basic materials for construction of different structures, their direct connection is treated.					
2. Educational outcomes (acquired knowledge):					
Ability of understanding the synthesis of building materials, different structural systems and methods of building while solving different designing problems and construction of objects.					
3. Course content/structure:					
Elements of buildings (bearing structure, bulkheads, covers, installations). External and internal forces and equilibrium conditions. Elements of bearing structures – structure system. Connections and supports. Linear structural elements (columns, beams, arches, grids, frames). Surface structural elements (slabs, walls, arches, shells). Facility foundation (shallow and deep foundations). Types and selection of the structural system depending on the material used for construction and building method (massive, skeletal and mixed). Effects and loads of objects (constant, useful, ground effects, wind, snow, earthquake). Reinforced concrete structures. Masonry structures. Metal Construction. Wooden structures. Classification of structures according to the method of building and construction techniques. Building materials (history, definitions, classification). Types of testing construction materials. Structure and compositions of materials. The basic properties of construction materials (general and specific properties, physical, physical – mechanical, constructional and technological properties).					
4. Teaching methods:					
Lectures, Auditory and Laboratory Practice and Consultations. Part of the course can be passed in the form of two colloquiums. Examination is oral and final.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Coloquium exam	No 20.00
Homework		Yes	5.00	Coloquium exam	No 20.00
Homework		Yes	5.00	Oral part of the exam	Yes 70.00
Homework		Yes	5.00		
Homework		Yes	5.00		
Lecture attendance		Yes	5.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Radonjanin Vlastimir, Mirjana Malešev	Konstrukcije, materijali i građenje - skripta		autori	2007
Literature					



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Table 5.2 Course specification

Course:		Fundamentals of Mechanical Engineering				
Course id:	URZP14					
Number of ECTS:	8					
Teachers:	Glavardanov B. Valentin, Rackov J. Milan					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
4	1	1	0	2		
Precondition courses		None				
1. Educational goal:						
Introduction to the basics of mechanical and engineering professions, calculation, technology and construction of mechanical components and systems.						
2. Educational outcomes (acquired knowledge):						
Students obtain theoretical and practical knowledge necessary for understanding the process of interest in mechanical engineering. The knowledge acquired will be used to develop and implement in further education in the vocational subjects and practical work.						
3. Course content/structure:						
The force balance, the basic principles of statics. The links and connections reactions. Basic equations of equilibrium. Hypotheses of materials. Voltage, dilatation, axially loaded rods. Hooke law. Statically indeterminate problems. Shear. Torsion bars. Bending beams. Buckling. Fundamentals of Kinematics of particle and rigid body. The underlying dynamics of particle and rigid body. General definition and classification of machine elements. Standardization and standard numbers. The surface roughness. Tolerance. The basic mechanical properties of mechanical materials. Load of machine parts. Mechanical behavior of elements under the action of load. Writing, critical and computationally allowed voltages. Safety of machine elements. Elements for achieving Separable and inseparable connection links. Screw conveyors. Mechanical conveyors. Friction couples. Chain pairs. Gear pairs. Worm pairs. Shafts, axles and pins. Elements of the connection shaft and hub. Rolling bearings. Plain bearings. Coupling. Spring. Physical properties of the fluid. Fluid statics. Fluid pressure on flat and curved surfaces. Bernoulli's equation. Pipe Problems - form with losses. Pipeline with turbomachinery. Complex pipelines. Highlighting the hole and sleeve. Flow measurement. Pumps, compressors, fans.						
4. Teaching methods:						
Lectures, exercises, homework, tuition. Lectures presents the basic principles and general methods. On exercises to solve tasks that illustrate the application of these methods in solving practical engineering problems. During the semester, two tests are organized to replace passing the written (practical) and oral exam. Colloquia are part of it, but the theory is calculated as the oral and written tasks such. If a student does not pass through the tests exam, then the exam is to just those who did not pass the preliminary exams during classes.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Coloquium exam	Yes	30.00
Homework		Yes	20.00	Theoretical part of the exam	Yes	30.00
Lecture attendance		Yes	5.00			
Test		Yes	10.00			
Literature						
Ord.	Author	Title		Publisher		Year
1,	S. Simić, R. Maretić	Osnove mehanike		FTN Novi Sad		2007
2,	S. Kuzmanović	Mašinski elementi - oblikovanje, proračun i primena		FTN Novi Sad		2012
3,	M. Bukurov	Osnovi mehanike fluida		Skripta FTN		2012
4,	M. Bukurov, B. Todorović, S. Bikić	Zbirka zadataka iz osnova mehanike fluida		FTN Novi Sad		2011
5,	F. Ziegler	Mechanics of Solids and Fluids		Springer-Verlag, New York		1998
Literature						

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Table 5.2 Course specification

Course:		Work safety during interventions						
Course id: URZP15								
Number of ECTS: 4								
Teacher:		Hodolič J. Janko						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:		
2		1	0		0	1		
Precondition courses		None						
1. Educational goal:								
Acquiring the necessary skills in handling the case of intervention and its implementation from the aspect of occupational safety and health.								
2. Educational outcomes (acquired knowledge):								
Students will be qualified to implement intervention plans respecting the rules of occupational safety and health.								
3. Course content/structure:								
Emergencies - Basic concepts, classification, characteristics. Nature and causes of human errors. Methods for quantification of human error. Methods of Human reliability management. Education as a preventive measure in the system of safety and interventions management. Basic concepts of occupational safety and health. The concept of equipment for interventions and rescue. Equipment classification. Specific equipment. Maintenance of equipment for interventions.								
4. Teaching methods:								
Lectures presents the theoretical part of the curriculum followed by presentation of characteristic practices examples in order to facilitate understanding of the course material.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Lecture attendance			Yes	10.00	Written part of the exam - tasks and theory		Yes	30.00
Term paper			Yes	20.00	Oral part of the exam		Yes	20.00
Test			Yes	10.00				
Test			Yes	10.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Geoff Taylor, Kellie Easter and Roy Hegney		Enhancing Occupational Safety and Health			Elsevier Butterworth-Heinemann Linacre House, Jordan Hill, Oxford OX2 8DP 30 Corporate Drive, Burlington, MA 01803		2004
Literature								





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Table 5.2 Course specification

Course:		Statistical Methods			
Course id: Z203					
Number of ECTS: 6					
Teachers: Gilezan K. Silvia, Grbić P. Tatjana					
Course status: Mandatory					
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	1	0	0	
Precondition courses					
1. Educational goal:					
Enabling students for abstract thinking and acquisition of basic knowledge in the field of Probability and Mathematical Statistics. The course objective is to develop special way of thinking in students while studying massive phenomena in the field of environmental engineering. The course character is applicational and the importance is given to the knowledge which can explain quantitative approach to the issues from the field of study. Students are also able to use statistical programs. The objective is to enable students to choose adequate statistical methods, to do statistical analysis and to essentially elaborate it. This knowledge is the foundation for better understanding of the professional literature and for successful advancement in studies.					
2. Educational outcomes (acquired knowledge):					
The student should use acquired knowledge in further education and in professional courses. He/she can make and solve mathematical models using the knowledge acquired in this course. Mastering theoretical knowledge in the field of probability and mathematical statistics studied in this course and skills of calculating and analyzing calculated statistical indicators.					
3. Course content/structure:					
Theoretical lectures: Probability: Axioms of probability. Conditional probability. Bayes formula. Random variable of discrete and continuous type. Random vector of discrete type and common distribution. Conditional distribution. Transformation of random variables. Mathematical expectation. The variance and standard deviation. Moments. Covariance, correlation coefficient. Conditional expectations. Large numbers law. Central limit and linear theorem. Correlation and linear regression. Sample distribution, the mean value and dispersion. Statistics: basic concepts. Population, sample. Statistics. Descriptive statistical analysis (basic concepts, data editing, table and graphic presentation of data, data analysis using methods of descriptive statistics, software support to statistical analysis). Assessment of unknown parameters (point assessment: The method of moments and maximum likelihood method. Interval rates). Parametric and nonparametric hypothesis and tests. Practical lecture (practice): During the lectures adequate examples from theoretical lectures are done, thus practicing the knowledge and contributing to the better understanding of the lectured knowledge.					
4. Teaching methods:					
Lectures: Numerical computing practice, computer practice. Consultations. Lectures are combined. During the lectures theoretical part of the course followed by characteristic examples are presented for better understanding of the lectured material. During the practice, which accompanies lectures, typical problems are solved and the knowledge from the lectures is deepened. During the computer practice processing of obtained data is done using the statistical software. Besides lectures and practice, consultations are held on a regular basis. A part of the course, which represents a logical whole, can be taken during the teaching process in the form of the next two modules (the first module: Probability; the second module: Statistics. In order to take the final examination, the student has to complete computer practice.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	15.00	Final exam - part one	No 50.00
Exercise attendance		Yes	3.00	Final exam - part two	No 50.00
Lecture attendance		Yes	2.00	Written part of the exam - tasks and theory	Yes 50.00
Test		Yes	10.00		
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	M. Stojaković	Matematička statistika		FTN (Edicija tehničke nauke – udžbenici), Novi Sad	2000
2,	V.Jevremović, J.Mališić	Statističke metode u metorologiji i inženjerstvu		Savezni hidrometeorološki zavod, Beograd	2002
3,	I.Kovačević, M. Novković	Matematičke metode 4, - skripta		neautorizovana skripta, Novi Sad	1999
4,	M. Novković, B.Rodić, I.Kovačević	Zbirka rešenih zadataka iz verovatnoće i statistike		FTN (Edicija tehničke nauke-udžbenici), Novi Sad	2004
5,	S.Gilezan,Lj.Nedović,T.Grbić,	Zbirka rešenih zadataka iz statistike		FTN,Centar za matematiku i statistiku, Novi Sad	2005

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<p>Literature</p>		



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Table 5.2 Course specification

Course:		Climatology				
Course id:	URZP16					
Number of ECTS:	4					
Teacher:		Sakulski M. Dušan				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	2	0	0	0		
Precondition courses		None				
<p>1. Educational goal:</p> <p>Work at a scientific level with natural science aspects of climate</p> <p>? Assess likely biophysical consequences of climate</p> <p>? Identify technological/natural science solutions to climate-related problems</p> <p>? Communicate knowledge about the natural scientific consequences of climate change at an advanced level.</p>						
<p>2. Educational outcomes (acquired knowledge):</p> <p>Acquired theoretical and applied knowledge on how climate and climate of the Earth system will provide an integrated mastering basis for monitoring, managing and forecasting of natural dynamic processes of the Earth climate, lessons learned will be applicable to the analysis and management of processes and phenomena in the atmosphere, hydrosphere and lithosphere caused by climate and weather .</p>						
<p>3. Course content/structure:</p> <p>This course examines how various components of the climate system--the atmosphere, ocean, land, and cryosphere--interact in determining its observed state. Covered topics: observations of the climate system; the earth's energy balance; atmospheric radiative transfer; the surface energy balance; the hydrologic cycle; atmospheric circulation and its relation to the energy balance; Introduction to the dynamic movement of spheres – sea currents and waves, winds, global circulation of atmosphere, global energy budget and climate, fundamentals of forming weather conditions, climatic change, role of oceans in global movements.</p>						
<p>4. Teaching methods:</p> <p>Classes are held in the form of interactive lectures and other forms of instruction. Lectures presents the theoretical part of the material accompanied by characteristic examples for easy understanding of the material. On other aspects of the teaching work tasks characteristic and deepens the exposed material. In addition to lectures, consultations are held regularly. Part of the material, which seems logical units, may be taken by tests during the teaching process. Exam score is based on: the results of colloquiums and written exam (combined tasks and theory), essay and oral exam.</p>						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Computer exercise defence		Yes	10.00	Oral part of the exam	Yes	30.00
Lecture attendance		Yes	10.00	Practical part of the exam - tasks	Yes	20.00
Term paper		Yes	20.00			
Test		Yes	10.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1.	Dr Marko Milosavljević	KLIMATOLOGIJA		Naučna knjiga, Beograd	1988	
2.	JOHN E. OLIVER	Encyclopedia of World Climatology			2005	
Literature						



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Table 5.2 Course specification

Course:		Selected Chapters in Psychology				
Course id: URZP38						
Number of ECTS: 4						
Teacher:		Pečujlija D. Mladen				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		2	0	0		0
Precondition courses None						
1. Educational goal:						
Acquiring basic knowledge in psychology of perception, thinking, emotion, learning, personality, reactions of individuals in stressful situations, group psychology, group reactions in stressful situations, theoretical-methodological introduction to the stress problems, possibilities of better behavioral understanding of individuals and groups and solving practical problems in prevention, control and overcoming stress in all types of critical situations.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is used in everyday professional work, team work, all types of critical situations, as well as in the future professional training.						
3. Course content/structure:						
Psychology of perception, emotions, learning, theory of personality, personal characteristics and reactions in stressful situations, stress, group psychology, reactions of individuals to stress, reactions of groups to stress, stress management in critical situations.						
4. Teaching methods:						
Lectures, Consultations						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Oral part of the exam	Yes 70.00
Lecture attendance			Yes	5.00		
Term paper			Yes	20.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Ognjenović, P., Škorc, B.	Naše namere i osećanja: Uvod u psihologiju motivacije i emocija			Gutembergova galaksija, Zemun	2005
2,	Mihailović D.,	Menadžerski stres			FON, Beograd	2008
3,	Čizmić S.,	Ljudski faktor			Institut za psihologiju, Beograd	2006
4,	Radonjić S.	Psihologija učenja (knjiga prva)			Zavod za udžbenike i nastavna sredstva, Beograd	1985
5,	Popović B.	Bukvar psihologije ličnosti			DPS, Beograd	2002
6,	Čabarkapa M.	Čovek i radna okolina			Čigoja štampa, Beograd	2008
Literature						



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Table 5.2 Course specification

Course:		English Language - Elementary				
Course id: EJ01Z						
Number of ECTS: 2						
Teachers:		Gak M. Dragana, Mirović Đ. Ivana, Šafranjić F. Jelisaveta				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		0	0	0		0
Precondition courses						
None						
1. Educational goal:						
Mastering the basics of the English language: pronunciation of English sounds, acquisition of vocabulary related to everyday situations, mastering the basics of English morphology and syntax.						
2. Educational outcomes (acquired knowledge):						
Students are able to use spoken and written English in simple, everyday situations.						
3. Course content/structure:						
The use of articles, nouns (nouns in Plural), adjectives (types of adjectives, possessive adjectives, comparison of adjectives), pronouns (personal pronouns), auxiliary verbs (be, do, have), modal verbs. The use and construction of tenses (Present Simple, Present Continuous, Present Perfect, Past Simple, future forms). Question and negative form of the sentence. Vocabulary related to everyday topics: introduction, family, free time, work, food and beverages, naming and description of everyday objects, description of people and places etc.						
4. Teaching methods:						
Communicative method is used, since the objectives and contents of the course are aimed at communication which is very complex. The emphasis is placed on communication between students and teachers and students among themselves, as well as balanced development of all language skills.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Test			Yes	10.00	Written part of the exam - tasks and theory	Yes 70.00
Test			Yes	10.00		
Test			Yes	10.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	John and Liz Soars	New Headway Elementary			Oxford University Press	2002
2,	Grupa autora	Oxford English - Serbian Dictionary			Oxford University Press	2006
3,	N. Coe, M. Harrison, K. Peterson	Oxford Practice Grammar - Basic			Oxford University Press	2006
Literature						



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Table 5.2 Course specification

Course:		German Language – Elementary				
Course id: NJ01Z						
Number of ECTS: 2						
Teacher:		Berić B. Andrijana				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:		Study research work:		Other classes:
2	0	0		0		0
Precondition courses None						
1. Educational goal:						
Mastering the fundamentals of the German language. Learning pronunciation, spelling, mastering the vocabulary related to simple everyday situations, and mastering fundamentals of German morphology.						
2. Educational outcomes (acquired knowledge):						
Students are able to use both oral and written German language in simple everyday situations.						
3. Course content/structure:						
Practical part: mastering fundamental speech patterns, pronunciation and spelling, developing the ability to understand listening. Vocabulary is related to everyday topics: introduction, family, leisure time, job, food and drink, naming and describing everyday items, describing people and places, moving in a city, introducing German culture, etc. Theoretical part: present, perfect, separable verbs, reflexive verbs, cases, indefinite and definite article, negation, questions, statements, possessive pronouns, demonstrative pronouns, indefinite pronouns, modal verbs, imperative, comparison, prepositions, sentences with the linking words denn, deshalb, sonst and trotzdem.						
4. Teaching methods:						
Emphasis is on the communication method, as well as on students` activity during the lectures. During the communication the most important thing is mutual interaction.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Test		Yes	10.00	Written part of the exam - tasks and theory		Yes 35.00
Test		Yes	10.00	Oral part of the exam		Yes 35.00
Test		Yes	10.00			
Literature						
Ord.	Author	Title			Publisher	Year
1,	H. Aufderstraße, i drugi	Themen aktuell 1			Hueber Verlag	2000
Literature						



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Table 5.2 Course specification

Course:		Devices and systems in fire protection				
Course id:	URZP17					
Number of ECTS:	5					
Teacher:	Jocanović T. Mitar					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Acquiring knowledge and introduction students to the physical properties of the fluid, the behavior of fluids in motion and at rest. Introduction to the components used in fire protection systems. Getting to know the characteristics of pumps, piping, nozzles, fans, compressors.						
2. Educational outcomes (acquired knowledge):						
Acquiring knowledge to solve problems in the field of sleep and the flow of liquids and gases (flow of different types of liquids and gases used in fire protection systems, the expansion of the fluid from a liquid to a gaseous state of aggregation), sizing of pressure vessels (tanks and bottles), dimensioning pipelines and determine the current characteristics, determine the performance characteristics of the pump, determining the performance characteristics of the compressor and the fan.						
3. Course content/structure:						
Theoretical study General terms. Physical properties of the fluid. Hydrostatic pressure. Fluid statics. Kinematics of fluid. Bernoulli's equation. Pressure vessels. Proper sizing of pressure vessels for fire protection systems. Jets. Fluid flow through the nozzle. Centrifugal pumps. Vacuum pump. Characteristics of pumps. Fans. The characteristics of the fan. Compressors. The characteristics of the compressor. Characteristics of the pipeline. Inputs for the calculation of basic parameters required for the design of pipelines and hydrants. Inputs for the calculation of basic parameters in the design of ventilation systems for smoke and fire in the foam insert space. Inputs for the calculation of basic parameters in the design of systems that work with gas (carbon dioxide, halon, powder). Practical teaching: Practice and the computational simulation showing the components of which are used in fire protection systems. Demonstration practices are organized through visits to relevant organizations and institutions work.						
4. Teaching methods:						
Lectures: Lectures are running combined with active participation of students. Leaving the theoretical part is followed by examples which serve to clarify the theoretical part of the curriculum. Consultation. Practical work: based on interactive learning and engineering work on the budget. Visit fire-brigade in Novi Sad and learning about their equipment for fire fighting.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes	60.00
Lecture attendance		Yes	5.00			
Project		Yes	30.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Z. Šmejkal	Uređaji, oprema i sredstva za gašenje od požara		SKTH/Kemija u industriji Zagreb, Zagreb	1991	
2,	O. Herterich	Wasser als Loeschmittel		Dr. Alfred Huthig Verlag GmbH, Heidelberg	1960	
3,	NFPA	Američki kodeksi Nacionalnog udruženja za zaštitu od požara		Quincy, MA, USA	2005	
Literature						



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Table 5.2 Course specification

Course:		Natural Hazards				
Course id: URZP57						
Number of ECTS: 6						
Teacher:		Milutin N. Darko				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
3		2	0		0	0
Precondition courses None						
1. Educational goal:						
Acquisition of basic concepts and necessary knowledge about natural hazards.						
2. Educational outcomes (acquired knowledge):						
The course outcome is acquired applied knowledge in fundamentals of natural hazards.						
3. Course content/structure:						
Natural hazards: drought, floods, natural disasters, earthquakes, landslides, erosion, storms...						
Paleontology, formation of the earthquakes, types of earthquakes, landslides, flooding from external and internal waters, formation and monitoring of drought, extreme precipitation						
4. Teaching methods:						
Lectures, Practice, Course Assignments, Tests, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory		Yes 70.00
Lecture attendance		Yes	5.00			
Term paper		Yes	20.00			
Literature						
Ord.	Author	Title			Publisher	Year
1,	Kolaković, S.,	Vode Vojvodine-neki aspekti funkcionalnosti sistema za zaštitu od spoljnih i unutrašnjih voda na području Vojvodine			Fakultet tehničkih nauka	2003
2,	Zelenhasić, E., Kolaković, S.,	Verovatno maksimalne jednodnevne padavine u Vojvodini			Zbornik radova Građevinskog fakulteta u Subotici br.8, Subotica	1992
3,	Kolaković, S., Fabian, Đ.,	Akumulacije u Vojvodini i mogućnosti njihovog korišćenja u borbi protiv suše			Poljoprivredni fakultet Novi Sad	2001
Literature						



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Table 5.2 Course specification

Course:		Risk Management and Sustainable Settlement Development				
Course id:	URZP21					
Number of ECTS:	7					
Teacher:	Laban Đ. Mirjana					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Acquisition of knowledge which will enable engineers for risk and fire protection management and active participation and cooperation with other participants in spatial planning processes, so that the risk analysis and vulnerability in the settlements are the integral part of the starting phases of the plan document development and strategic planning of the sustainable settlement development.						
2. Educational outcomes (acquired knowledge):						
Acquired theoretical and applied knowledge enables identification of risk components from the occurrence of catastrophic events and fire and vulnerability of the settlement in the field analysis which is the subject of planning, carrying out procedures of risk analysis and vulnerability in the urban fields, as well as defining solutions which should be considered in the planning process. Acquired knowledge enables understanding of the spatial and urban planning processes and consideration of existing qualities and values of the environment.						
3. Course content/structure:						
Types of plan documents in urban and spatial planning. Current regulations in the field of spatial planning and urban design. Sustainable elements of the settlement development. Importance and development of towns through history. Urbanization as a process. Modern cities, their characteristics and problems. Functioning of the city systems. Sustainable development of the town. Modern approach to planning sustainable towns. Analysis of the incorporation possibilities, risk analysis within the existing law solutions. Risk identification and analysis in catastrophic events and fire in preparation of the plan documentation. Vulnerability concept. Analysis of the existing plans and consideration of the applied conceptual solutions from the aspect of prevention against catastrophic events and fire. Case studies – analysis of existing plan documents (of all levels) and analysis from the previous period.						
4. Teaching methods:						
Lectures, Term Paper, Presentation of the visiting professor, consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Practical part of the exam - tasks	Yes	30.00
Lecture attendance		Yes	5.00			
Presentation		Yes	10.00			
Term paper		Yes	20.00			
Test		Yes	30.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Jelena Mijić - Vučković	Grad – juče, danas, sutra		Narodna knjiga, Beograd	2005	
2,	Grupa autora	Strateški okvir za održivi razvoj Srbije		Institut za arhitekturu i urbanizam Srbije	2004	
3,	United Nations Human Settlements Programme (UN-HABITAT), 2010	Land and Natural Disasters		United Nations Human Settlements Programme	2010	
4,	United Nations Human Settlements Programme (UN-Habitat)	Enhancing Urban Safety and Security — Global Report on Human Settlements 2007		Earthscan, London	2007	
5,	Wolfgang Garatwa, Dr. Christina Bolli	Disaster risk management		Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, Eschborn	2002	
6,	Richard Rogers and Ann Power	Cities for a small country		Faber and Faber Limited, London	2000	
Literature						



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Table 5.2 Course specification

Course:		Risks in Manipulating Hazardous Substances				
Course id:	URZP36					
Number of ECTS:	6					
Teacher:		Sremac R. Siniša				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:		Other classes:	
3	2	0	0		0	
Precondition courses						
None						
1. Educational goal:						
The course objective is to introduce students to the hazardous substances, their characteristics, procedures and obligations in handling and manipulating them. Students should acquire knowledge about safety in transport of the hazardous substances, to get introduced to the regulations, laws, agreements, decisions and norms regulating hazardous substances and their transport. Within the curriculum students will get to know types of transportation means and methods of transportation of hazardous substances, protective measures in reloading hazardous substances and protective measures in accidents.						
2. Educational outcomes (acquired knowledge):						
After passing the examination, students will be able to apply acquired knowledge in practice, to assess risks which may occur in operation and handling hazardous substances and to professionally contribute to the removal of consequences in accidents.						
3. Course content/structure:						
Types and classification of hazardous substances. Physical-chemical properties of hazardous substances. Technical norms for storage, storage, methods with waste in transit. Employer obligation related to the hazardous substances according to the provisions of the Occupational Safety Law. Law on Hazardous Substance Transport. European agreement about international transport of hazardous substances in road traffic (ADR regulations), railway traffic (RID regulations), sea and air traffic, law on transportation of hazardous substances through tunnels, transportation of radioactive substance, explosives, poisons. Protective measures in loading and unloading hazardous substances, transport. Fire protection in hazardous substance transport. Accident prevention in hazardous substance transport.						
4. Teaching methods:						
Lectures, Auditory Practice, Consultations						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory		Yes 50.00
Lecture attendance		Yes	5.00			
Term paper		Yes	20.00			
Test		Yes	20.00			
Literature						
Ord.	Author	Title		Publisher		Year
1,	HSE BOOKS	Dangerous Substances and Explosive Atmospheres		The Office of Public Sector Information, Information Policy Team, Kew, Richmond		2003
2,	Dr Borislav Jakšić, Dr Marina Ilić	Upravljanje opasnim otpadom		Urbanistički zavod Republike Srpske		2000
3,	HSE BOOKS	The safe use and handling of flammable liquids		The Office of Public Sector Information, Information Policy Team, Kew, Richmond		2002
4,	HSE BOOKS	The storage of flammable liquids in containers		The Office of Public Sector Information, Information Policy Team, Kew, Richmond		1998
5,	-	Propisi, sporazumi, pravilnici, odluke, normativi		-		-
Literature						



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Table 5.2 Course specification

Course:		Applied Information Technologies				
Course id: URZP23						
Number of ECTS: 8						
Teacher:		Popov B. Srđan				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
4		0	4	0		0
Precondition courses None						
1. Educational goal:						
Advanced use of information technologies, 2D, 3D visualization and CAD (Computer-aided design), with the system basis for data base management and standard query language.						
2. Educational outcomes (acquired knowledge):						
The course outcome is acquired knowledge in 2D/3D visualization, raster processing and CAD, as well as acquired knowledge in the systems for data base management and standard query language.						
3. Course content/structure:						
Fundamentals of visualization, spatial framework of visual variables, 2D visualization, 3D visualization – components of 3D scene. Fundamentals of Computer-aided design – selection of adequate approach. Fundamentals of the system for data base management. Software packages Laica ERDAS Imagine, AutoCAD, PostgreSQL.						
4. Teaching methods:						
Lectures, Practice, Course assignments, Tests, Consultations						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Project		Yes	30.00	Written part of the exam - tasks and theory		Yes 30.00
Theoretical part of the exam		Yes	40.00			
Literature						
Ord.	Author	Title			Publisher	Year
1,	Marija Stanču, Srđan Popov	Osnovi računarstva - praktikum			Fakultet tehničkih nauka, Novi Sad	2002
2,	D. Mihajlović	Informacioni sistemi i projektovanje baza podataka			FTN, Novi Sad	1998
Literature						



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Table 5.2 Course specification

Course:		Fundamentals of Thermodynamics with Heat Transfer			
Course id:	URZP31				
Number of ECTS:	5				
Teachers:	Miljković M. Biljana, Dragutinović D. Gordan				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Introduction to the structure of thermodynamics, thermodynamics concepts and methods in solving energy conversion problems with classical analysis of basic phenomena of heat transfer, and introduction to the solution methods of heat energy transfer problems in technical practice.					
2. Educational outcomes (acquired knowledge):					
Acquisition of basic knowledge for solving technical problems of thermal energy, thermal processing techniques and design of heating machines and devices, for the assessment of heat transfer, selection and check up of the heat exchangers.					
3. Course content/structure:					
1) Thermodynamic system. Mechanical and thermodynamic axioms: conservation of mass, impulse, the first and second law of thermodynamics.					
2) State equations: thermal and caloric equation of substance state (ideal gasses, real gasses – water and water vapor).					
3) Processes. Ideal and real processes. Circular processes and thermodynamic efficiency of these processes (right-turn and left-turn steam and gas processes)					
4) Heat conduction (conduction),					
5) Heat convection (convection),					
6) Radiation (heat radiation),					
7) Heat transfer with phase transitions (boiling and condensation).					
4. Teaching methods:					
Lectures and auditory practice. Practice accompanies lectures and includes high degree of student independency in solving problems.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00
Lecture attendance		Yes	5.00	Coloquium exam	No 30.00
Test		Yes	40.00	Coloquium exam	No 30.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	M. Marić	Nauka o toploti - termodinamika, prenos toplote, sagorevanje		Univerzitet u Novom Sadu, Fakultet tehničkih nauka	2006
2,	Đ. Kozić, B. Vasiljević, V. Bekavac	Priručnik za termodinamiku i prostiranje toplote		Građevinska knjiga, Beograd	1983
3,	M. J. Moran, H.N. Shapiro	Fundamentals of Engineering Thermodynamics		John Wiley & Sons, Inc.	1992
4,	Y. A. Cengel, M.A. Boles	Thermodynamics: An Engineering Approach		McGrow-Hill	1998
5,	D. Malić, B. Đorđević, V. Valent	Termodinamika strujnih procesa		Građevinska knjiga, Beograd	1970
6,	D. Milinčić	Prostiranje toplote		Naučna knjiga, Beograd	1989
7,	M. Marić	Nauka o toploti - termodinamika, prenos toplote,sagorevanje		Univerzitet u Novom Sadu,Fakultet tehničkih nauka	2006
Literature					



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Table 5.2 Course specification

Course:		Role and Importance of Prevention in Risk Reduction				
Course id:	URZP33					
Number of ECTS:	6					
Teachers:	Kuzmanović D. Bogdan, Sokolović S. Dunja					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Introducing students to the role and importance of prevention in risk reduction against fire and events with catastrophic consequences.						
2. Educational outcomes (acquired knowledge):						
Acquisition of knowledge and comprehension of the role and importance of prevention in risk reduction in cases of fire and events with catastrophic consequences.						
3. Course content/structure:						
Inherited reactive mentality of protection against fire and events with catastrophic consequences.						
Fundamental concept of prevention						
Systems of early warning as one of preventative mechanisms						
The role of government and non-government organization, education, media and private sector in formation and raising of the public awareness about the importance of prevention in risk reduction in cases of catastrophic events and fire.						
Promoting the principle ``Living with risks``. Importance of preventive protection against fire. Protective measures against fire in open space, in facilities of different purposes, in transportation means, in industrial plants.						
Preventive measures of fire protection in heating facilities, boilers. Fire risks and protective measures in using the fuel. Ventilation in the service of fire protection. Protection of ventilation ducts against fire. Smoke risks and smoke control. Dust risks and dust drainage for protection. Protection of devices for dust collection against fire. Pressure vessels. Safety equipment for pressure vessels. Elements of fire safety in the facilities of different purposes.						
4. Teaching methods:						
Lectures, Auditory Practice, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes	40.00
Lecture attendance		Yes	5.00			
Presentation		Yes	20.00			
Term paper		Yes	30.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	IDNDR	Natural Disaster Management		Tudor Rose	1999	
2,	UN ISDR	Living with Risk		UN Press	2002	
3,	Kleut, N., Kleut, D.,	Glosar bezbednosti od požara Sa rečnikom ISO 13943 : 2000		AGM knjiga	2008	
4,	Furness, A., Muckett, N	Introduction to Fire Safety Management		Butterworth-Heinemann, Elsevier	2007	
Literature						



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

Table 5.2 Course specification

Course:		Modeling and Simulation in Risk Management				
Course id: URZP35						
Number of ECTS: 6						
Teacher:		Popov B. Srđan				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
3		0	3		0	0
Precondition courses		None				
1. Educational goal:						
Advanced use of information technologies, with an objective of protection modeling and simulation against risks with catastrophic consequences.						
2. Educational outcomes (acquired knowledge):						
Students will be able to independently realize models of accidental situations with the use of current software for modeling and simulation with an objective to protect against the risks with catastrophic consequences.						
3. Course content/structure:						
Mathematical basis of modeling (numerical mathematics) and applied programming, methodological approach and errors. Numerical simulation, spatial simulation – current software based on the 3D spatial approach, with visualization and collaboration on project. MATLAB, Wolfram Mathematica, Google Earth, Leica Virtual Explorer, ABC/Express, Gnuplot.						
4. Teaching methods:						
Lectures, Practice, Course Assignments, Tests, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Project task			Yes	30.00	Written part of the exam - tasks and theory	Yes 30.00
Test			Yes	40.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	A.Gilat	Uvod u MATLAB 7 sa primerima			Mikro knjiga	2007
2,	S. Wolfram	The Mathematica Book, 4th ed.,			Wolfram Media/Cambridge University Press	2008
3,	Grupa autora	Visualization Cookbook Using AVS/Express, International AVS Centre Manchester Visualization Centre			Manchester Visualization Centre Press	2001
Literature						



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

Table 5.2 Course specification

Course:	<h3>Institutional Framework in Risk Management</h3>					
Course id: Z511P						
Number of ECTS: 6						
Teacher:	Mrkšić Lj. Dragan					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	2	0	0	2		
Precondition courses		None				
1. Educational goal: Introducing students to the institutional framework of accidental risk management.						
2. Educational outcomes (acquired knowledge): Students acquire knowledge necessary for participation in complex processes of accidental risk management.						
3. Course content/structure: <ul style="list-style-type: none"> - legal and legislation regulation of accidental risk management - institutions of accidental risk management - public awareness, education, training and research - application of information and communication technologies in accidental risk management - accidental risk management and sustainable development - the role of government, non-government and international organizations 						
4. Teaching methods: Lectures, Practice, Consultations. The course can be passed in the form of two colloquiums, in the written form. Students who don't pass both colloquiums have to take the entire oral examination. The course grade is formed based on the success at the colloquiums, that is, examination.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Computer exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes	25.00
Laboratory exercise attendance		Yes	5.00	Coloquium exam	No	20.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes	25.00
Term paper		Yes	15.00			
Test		Yes	20.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	D. Malzahn, Tina Plapp (ed)	DISASTER AND SOCIETY		Logos Verlag	2004	
Literature						

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Table 5.2 Course specification

Course:		Fundamentals of Climatology and Hydrology						
Course id: URZP48								
Number of ECTS: 7								
Teachers:		Sakulski M. Dušan, Budinski Lj. Ljubomir						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
3		1		2		0	0	
Precondition courses None								
1. Educational goal:								
Introduction and acquisition of professional knowledge about the nature and dynamics of the planet Earth systems (hydrosphere, lithosphere and atmosphere) and about interactive processes between natural spheres. Mastering basic modern methods of determination and analysis of Earth spheres and their feedback with an anthropogenic factor.								
2. Educational outcomes (acquired knowledge):								
Acquired theoretical and applied knowledge about functioning of the planet Earth's dynamic system will enable mastering the basics of integral observation and management of natural dynamic planet Earth's systems and their resources. Acquired knowledge will be applicable in the analysis and management of phenomena processes in atmosphere, hydrosphere and lithosphere.								
3. Course content/structure:								
Fundamentals of hydrometry. This course provides an introduction to watershed hydrology, a detailed look at the hydrologic cycle, with a focus on the occurrence, movement, distribution, and storage of water. Topics covered include water budgets, precipitation, evaporation, surface runoff, groundwater flow, and connections to water quality and biogeochemistry. The focus is on developing both a qualitative understanding of hydrological processes and the ability to acquire and analyze hydrologic data.								
4. Teaching methods:								
Lectures, Term Papers, Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	20.00
Graphic paper			Yes	20.00	Oral part of the exam		Yes	30.00
Test			Yes	25.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	W. Kenneth Hamblin Eric H. Christiansen		Earth s Dynamic Systems			Department of Geological Sciences Brigham Young University Provo, Utah 84602		2009
2,	Spaulding and Namowitz		Earth Science			Center for Earth and Space Science Education at TERC, Inc., Cambridge, Massachusetts. Funded in part by a grant from the National Science Foundation		2003
Literature								

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Table 5.2 Course specification

Course:		Fundamentals of the Burning Processes Theory			
Course id:	URZP61				
Number of ECTS:	7				
Teacher:	Miljković M. Biljana				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	3	0	0	0	
Precondition courses		None			
1. Educational goal:					
Acquisition of knowledge will enable understanding of the basic principles and laws in the burning processes, explosive combustion and self heating and auto ignition processes, mechanisms of heat transfer in fire conditions, mechanisms of combustion depending on the aggregation state.					
2. Educational outcomes (acquired knowledge):					
Acquiring theoretical knowledge enables student to consider, set up and solve problems related to the fire formation and development through professional courses.					
3. Course content/structure:					
Combustion and combustion conditions. Thermodynamics of the burning processes. Stoichiometric combustion equation, calculation the required amount of oxygen and air, combustion products and heat capacity. The kinetics of the combustion processes. Complete and incomplete combustion. Heat as a cause of fire. Heat transfer, heat conduction. Calculation of the heat amount, heat flow, and temperature regime.					
Gas combustion. Burning gas substances, activation energy, self-ignition and self-ignition temperature, burning, sources of burning, the burning energy. Explosive combustion of gasses, pressure and temperature of explosion. Liquid combustion. Combustion mechanisms, ignition temperature, self-ignition temperature, flammable limits. Solid materials combustion. The properties that affect flammability of the burning mechanisms of solids, burning temperature and auto ignition. Combustible dust, conditions of explosive combustion, explosion index. Self-heating and self-ignition, self-heating and self-ignition conditions, biological self-heating.					
4. Teaching methods:					
Lectures, Auditory Practice, Consultations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00
Lecture attendance		Yes	5.00		
Test		Yes	10.00		
Test		Yes	10.00		
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Joksimović – Tjapkin S.	Procesi sagorevanja		Tehnološko – metalurški fakultet, Beograd	1987
2,	Mitić D.	Stehiometrijski proračuni u procesima sagorevanja		Jugoslovenski savez društava i inženjera tehničara zaštite, Niš	2001
3,	Veselinović S.	Preventivna zaštita od požara		VTŠ Novi Sad	1989
4,	James G. Quintiere	Fundamentals of Fire Phenomena		John Wiley & Sons Ltd, England	2006
5,	Abduragimov I. M., Androsov A. S., Isaeva L. K., Krbilov E. V.	Procesi gorenija		Višaja inženernaja požarno-tehničkaskaja škola, MVD SSSR	1983
6,	Scott W. Kenley, James H. Meidl	Flammable Hazardous Material		Prientice-Hall, Inc.	1995
Literature					



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Table 5.2 Course specification

Course:		Safety Aspects in the Built Environment					
Course id: URZP22							
Number of ECTS: 6							
Teacher:		Laban Đ. Mirjana					
Course status:		Mandatory					
Number of active teaching classes (weekly)							
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:
3		3		0		0	0
Precondition courses None							
1. Educational goal:							
The knowledge of basic characteristics of the built environment (structure, materialization) and urban infrastructure.							
2. Educational outcomes (acquired knowledge):							
Acquired theoretical and applied knowledge enables identification of different factors in the built environment from the aspect of applied design solutions and materialization of the objects, as well as consideration of the risk factors concerning urban infrastructure in the case of catastrophic events and fire. Acquired knowledge also enables formulation of suggestion for preventive measures, as well as consideration and characterization of existing solutions of preventive protection of the objects and infrastructure in the case of catastrophic events and fire.							
3. Course content/structure:							
Typology and classification of the construction materials and construction, planning and design of object, with an emphasis on architectural-civil engineering preventive measures of object safety in the conditions of catastrophic events and fire and behavior of construction materials and constructions in fire. Introduction to the basic elements of municipal system and their protection: hydrotechnical systems, water supply systems, drainage and treatment system, flood control system, infrastructure complexes, corridors and facilities, energy system, power supply, power distribution networks, heat supply system, heating systems, gas systems, telephone and cable distribution systems, undeveloped land, underground objects, subways, tunnels, pedestrian passes, underground garages. Case studies – event analysis from the previous period. Analysis of the planed objects – project documentation, analysis of the built objects and consideration of applied conceptual solutions from the aspect of protection against catastrophic events and fire.							
4. Teaching methods:							
Lectures, Term papers, presentations, consultations.							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes	30.00
Lecture attendance			Yes	5.00			
Presentation			Yes	10.00			
Term paper			Yes	20.00			
Test			Yes	30.00			
Literature							
Ord.	Author	Title			Publisher		Year
1,	Andrew H. Buchanan	Structural Design for Fire Safety			JOHN WILEY & SOBS LTD England		2006
2,	M. David Egan	Građevinske konstrukcije i požar			Građevinska knjiga, Beograd		1990
3,	Krnjetin S.	Graditeljstvo i zaštita životne sredine			Prometej, Novi Sad		2004
4,	Edited by Alcira Kreimer, Margaret Arnold, and Anne Carlin	Building Safer Cities: The Future of Disaster Risk Management			The International Bank for Reconstruction and Development / The World Bank, Washington.		2003
Literature							



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Table 5.2 Course specification

Course:		Systems for Detection, Alarm and Warning					
Course id:	URZP32						
Number of ECTS:	5						
Teachers:		Crnojević S. Vladimir, Crnojević-Bengin B. Vesna					
Course status:		Mandatory					
Number of active teaching classes (weekly)							
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:	
2		2	0	0		0	
Precondition courses							
None							
1. Educational goal:							
Acquisition of knowledge which enables understanding of the systems for fire detection and alarm and stationary systems and installation for fire extinguishing.							
2. Educational outcomes (acquired knowledge):							
Acquired theoretical and applied knowledge enables adequate selection and application of the fire protection system.							
3. Course content/structure:							
Possibilities for detection of individual combustion parameters and basic types of fire alarms – designing solutions and working methods, criteria for selection and set up in the object, modern types of fire alarms and further development tendencies in the field. System organization and structure for fire detection and alarm: conventional, addressable and analog addressable systems; fire alarm centers, System for access control. Methods of alarming and remote transfer of information. Integrated protection systems. Automated stationary systems and installations for fire extinguishing: types and purpose. Water supply for fire extinguishing and protection of objects and plants. Hydrant network. Stationary devices for fire extinguishing according to the type of extinguishers. Automated sprinkler systems. Stationary automated systems with air foam. Stationary automated systems for carbon-dioxide. Automated stationary system for put out. Selection and calculation of elements. Stationary systems for fire extinguishing.							
4. Teaching methods:							
Lectures. Auditory Practice. Laboratory Practice. Consultations.							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes	50.00
Lecture attendance			Yes	5.00			
Test			Yes	10.00			
Test			Yes	10.00			
Test			Yes	10.00			
Test			Yes	10.00			
Literature							
Ord.	Author		Title		Publisher		Year
1,	Nicholas J. Bahr		System Safety Engineering and Risk Assessment: A Practical Approach		Taylor & Francis		1997
2,	--		Materijal sa predavanja - skripta		Fakultet tehničkih nauka, Novi Sad		2011
Literature							



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	

Table 5.2 Course specification

Course:		English Language – Pre-Intermediate						
Course id: EJ02L								
Number of ECTS: 2								
Teachers:		Bogdanović Ž. Vesna, Gak M. Dragana, Mirović Đ. Ivana						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		0		0		0	0	
Precondition courses								
1. Educational goal:								
Broadening the knowledge of the English language: broadening the vocabulary related to everyday situations, adoption of basic prefixes and suffixes, compound words and collocations, broadening the use of tenses, adoption of complex sentence structures.								
2. Educational outcomes (acquired knowledge):								
Students are able to use spoken and written English in everyday situations using wider word fund and more complex sentence structures.								
3. Course content/structure:								
Word formation (prefixes, suffixes, compound words), some phrasal verbs, collocations. Broadening the use of tenses (Present Continuous, Present Perfect Simple and Continuous, Past Perfect, Past Continuous, future forms). Adoption of a larger number of irregular verbs. First and Second Conditional.								
4. Teaching methods:								
Communicative method is used, since objectives and contents of the course are aimed at communication, which is very complex. This method contributes to balanced development of all language skills. The emphasis is placed on the student activities during lectures and their interaction with the teacher and among themselves.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Test			Yes	10.00	Written part of the exam - tasks and theory		Yes	70.00
Test			Yes	10.00				
Test			Yes	10.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	John and Liz Soars		New Headway Pre-Intermediate			Oxford University Press, Oxford		2002
2,	John Eastwood		Oxford English Grammar Intermediate			Oxford University Press, Oxford		2006
3,	Grupa autora		Oxford English -Serbian Dictionary			Oxford University Press		2006
Literature								



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Table 5.2 Course specification

Course:		Geospatial technologies - basics						
Course id: GG99								
Number of ECTS: 5								
Teachers:		Sladić B. Dubravka, Petrovački Lj. Nebojša						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		0		2		0	0	
Precondition courses None								
1. Educational goal:								
Students gain fundamental and applied knowledge in the field of geospatial technologies								
2. Educational outcomes (acquired knowledge):								
The acquired knowledge is used in practical courses, forming and solving engineering problems.								
3. Course content/structure:								
Place and role of geoinformation technologies. Basic terms and terminology. Acquisition of spatial data (GPS, photogrammetry, remote sensing), GNSS– technology bases and applications. Data acquisition using GNSS technology. Photogrammetry - technology bases and applications. Data acquisition based on photogrammetry. Remote sensing - technology bases and applications. Data acquisition based on remote sensing. Data classification and segmentation. Interpretation and presentation of spatial data. Visualization. Technology bases and applications of visualization. Application of geoinformation technologies in various fields. Interaction with GIS systems.								
4. Teaching methods:								
Teaching methods include lectures, computer practice, consultations , independent work on obligatory assignments. Evaluation: guided and independently developed two obligatory assignments and a two seminar papers; final examination is oral.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Project task			Yes	15.00	Oral part of the exam		Yes	30.00
Project task			Yes	15.00				
Term paper			Yes	20.00				
Term paper			Yes	20.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	C. Jones		Geographical Information Systems and Computer Cartography			Pearson Education Inc.		1997
2,	P. Mather		Computer Procesding of Remotly-Sensed Images: An Introduction			John Wiley&Sons, Ltd		2004
3,	Keith R. McCloy		Resource Managment Information Systems Remote Sensing, GIS and Modelling			Taylor & Francis		2006
4,	Peter A. Burrough, Rachael A. McDonnell		Principi geografskih informacionih sistema			Građevinski fakultet Beograd		2006
Literature								



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Table 5.2 Course specification

Course:		Fundamentals of Operations management			
Course id:	IM1039				
Number of ECTS:	5				
Teachers:	Simeunović V. Nenad, Leber J. Marjan				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Introduce to students to basic skills of planning, designing, implementation and managing operations within production systems and service delivery systems, is the main objective of this subject. Processes of procurement, storage, processing, assembly, sales and delivery comprise of a number of operations whose proper management can achieve the wanted business effect. The course also studies the efficient capacity development of the owners of these processes who as a result provide final products or services in compliance with the users` demands. The course is directed towards acquiring the knowledge that enables qualitative decision-making on the production programme alternations, technological development and introduction of new technologies, ecology and sustainable development.					
2. Educational outcomes (acquired knowledge):					
Students will be able to plan, design, implement and maintain processes based on operations with the aim of producing material and non-material products and services. With successfully mastering the course content, students will be able to adequately communicate with employees as process owners. Students will be trained to determine the spatial schedule of the technological system in a plant, to influence the production line balance, and to properly use the effects of introducing quality management system. The educational outcome also comprises skills in using financial indicators in business, as well as the application of contemporary concepts in production (CIM, Lean, Efficient system).					
3. Course content/structure:					
Introduction to Operations Management. Operations Strategy and Competitiveness. Functions of Enterprise. Product and Service Design. Process Design. Process analysis and improvement. Tools and Techniques of Operations Management. Production and Service systems. Location of a production system. Work study. Queuing management. System capacity. Managing the Supply. Project management. Contemporary technologies in business (e-business, mass customization).					
4. Teaching methods:					
Lectures are auditory, with theoretical processing of necessary number of case studies. Practice include students` auditory introduction to the studied problems, interactive processing of case studies and computing examples, all in order to practically master the design tools, operations management, and teamwork on project task preparation. Students divided in smaller groups prepare a concrete project task in order to apply the acquired knowledge in designing a real production system and service delivery system. Laboratory practice include training on specially equipped working places, mutually related to a production line, in a laboratory prepared for this purpose and supervised by the laboratory assistant. There is a public defence of project tasks. During the course, there are also visits to diverse companies.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance		Yes	5.00		
Term paper		Yes	20.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	D. Zelenović	Projektovanje proizvodnih sistema		FTN	2005
2,	Dž.Hejzer, B. Render	Operacioni menadžment		Ekonomski fakultet - Beograd	2011
3,	R.B. Chase; et al	Operations management for competitive advantage		Tata McGraw-Hill, ©2006.	2006
Literature					



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Table 5.2 Course specification

Course:		German Language – Pre-Intermediate						
Course id: NJ02L								
Number of ECTS: 2								
Teacher:		Berić B. Andrijana						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		0		0		0	0	
Precondition courses								
1. Educational goal:								
Further developing the German language essentials, expansion of vocabulary related to various situations, extension in the usage of tenses, adoption of more complex sentence structures, introduction to culture, customs and ways of thinking of people speaking the German language, expansion and developing language communication competence.								
2. Educational outcomes (acquired knowledge):								
Students are capable of using both oral and written language in a number of everyday situations by using the expanding vocabulary and more complex grammar structures.								
3. Course content/structure:								
Practical part of the course: comprehending complex everyday spoken situations, developing the ability to understand the listened text. Theoretical part of the course: imperfect, part of passive structures, certain infinitive structures, subject and object clauses, conjunctive 2, question pronouns, relative pronouns with relative clauses, asking questions in indirect speech, final sentences with the linking word damit, verb rection, verb use of comparative and superlative, certain time sentences.								
4. Teaching methods:								
Emphasis is on communication, implying students` activity during the classes. During the communication, mutual interaction is essential.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Test			Yes	10.00	Written part of the exam - tasks and theory		Yes	35.00
Test			Yes	10.00	Oral part of the exam		Yes	35.00
Test			Yes	10.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	H. Aufderstraße, H. Bock, J. Müller, H. Müller		Themen aktuell 2			Hueber Verlag		2004
Literature								

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Table 5.2 Course specification

Course:		Disasters and Vulnerability						
Course id: URZP41								
Number of ECTS: 7								
Teachers:		Laban Đ. Mirjana, Sakulski M. Dušan						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:		
3		3	0		0	0		
Precondition courses		None						
1. Educational goal:								
The overview and understanding of the complex relationship issues, and the importance of the role of vulnerability and risk from catastrophic events, for the most danger, the local, national and international level								
2. Educational outcomes (acquired knowledge):								
Knowledge gained enables critical analysis of existing frameworks, models, assessments and vulnerability analysis as one of the most important components of a risk analysis of events with disastrous consequences, it opens up new and modern view of the human and social aspects of the complexity of this issue..								
3. Course content/structure:								
The role and importance of vulnerability in reducing the risk of events with catastrophic consequences. Contemporary approaches to assessing vulnerability framework. Models and methods for assessing vulnerability. The most frequent indicators and parameters necessary for assessing vulnerability. Qualitative and quantitative data collection methods for spatial and temporal monitoring of indicators of vulnerability. The role of vulnerability in international initiatives in the area of risk reduction								
4. Teaching methods:								
Lectures. Auditory Practice. Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	50.00
Lecture attendance			Yes	5.00				
Term paper			Yes	20.00				
Test			Yes	20.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	David E. Hogan, Jonathan L. Burstein		Disaster Medicine			Lippincott Williams & Wilkins, Philadelphia USA		2007
2,	Birkmann Jorn		Measuring Vulnerability to Natural Hazards: Toward Disaster Resilient Societies			UNU Press		2006
Literature								

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Table 5.2 Course specification

Course:		Principles of engineering management			
Course id:	IM1007				
Number of ECTS:	5				
Teacher:		Mitrović M. Slavica			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	1	
Precondition courses					
None					
1. Educational goal:					
The following are the educational objectives of the course of Principles of engineering management as a scientific and teaching discipline: 1) to study and analyze the nature, purpose and domain of management in the industrial system; 2) to understand the success factors of the industrial system; and 3) to introduce students with the basic engineering/managerial functions, methods, techniques, principles, knowledge and skills.					
2. Educational outcomes (acquired knowledge):					
After mastering the subject relating to the principles of engineering management, students will be able to understand and apply the basic principles, methods, and functions of engineering management (planning, organizing, leading and controlling), as well as the factors influencing the dynamics of the industrial system, with the aim of creating conditions for permanent growth in productivity and efficiency, as a basis for improving the business quality of industrial systems.					
3. Course content/structure:					
Theoretical instruction: Introduction to Management. Management as skill, science and profession. Management in the past and nowadays. Interdisciplinary of management. Engineering management in modern business. Engineers as managers. The views and goals of engineers-managers. Management skills and knowledge. Principles and functions of engineering management. Planning: Planning basics, planning process, decision-making. Organizing: The necessity of organizing, designing organizational structures, departmentalization, models of organizational structure. Leadership (management): the role of communication in management (process and types), the importance of motivation in management, leadership as a determinant of engineering management. Controlling: Basic functions of controlling, types, styles, and process of controlling; Modern approaches in engineering management: green management, CRM, BSC, LEAN, managing diversity. The future of engineering management. Practical instruction: exercises using practical examples from the field of management, and analyzing and resolving case studies and assignments.					
4. Teaching methods:					
Lectures are presented in terms of analyzing theoretical concepts and resolving specific problems from the area of managing industrial systems. Part of the course consists of lectures presented by visiting managers of industrial systems. Exercises include group work, writing and presenting seminar papers and visiting successful industrial systems.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Oral part of the exam	Yes 50.00
Lecture attendance		Yes	5.00		
Term paper		Yes	20.00		
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Mitrović, S. Melović, B.	Principi savremenog menadžmenta		Fakultet tehničkih nauka u Novom Sadu	2013
2,	Chang, C.M.	Engineering Management: Challenges in New Millennium		Prentice Hall	2005
3,	Williams, C.	Principi menadžmenta		Data Status	2011
Literature					



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Table 5.2 Course specification

Course:		Stationary Systems for Fire Extinguishing				
Course id: URZP40						
Number of ECTS: 7						
Teachers:		Jocanović T. Mitar, Stipić S. Matija				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
3		3	0	0		0
Precondition courses None						
1. Educational goal:						
Acquisition of knowledge which enables understanding of the system for fire detection and alarm, and stationary systems and installations for fire extinguishing.						
2. Educational outcomes (acquired knowledge):						
Acquired theoretical and applied knowledge enables adequate selection and application of the fire protection system.						
3. Course content/structure:						
Possibilities for detection of individual combustion parameters and basic types of fire alarms – design solutions and working methods, criteria for selection and set up in the object, modern types for fire alarms and future development tendencies in the field. Organization and structure of the system for fire detection and alarm: conventional, addressable and analog addressable systems: fire alarm centers, Access control systems. Methods of alarming and remote information transfer. Integrated protection system. Automated stationary systems and installations for fire extinguishing: types and purpose. Water supply for fire extinguishing and protection of objects and plans. Hydrant network. Stationary devices for fire extinguishing according to the type of extinguishers. Automated sprinkler systems. Stationary automated systems with air foam. Stationary automated systems for carbon – dioxide. Automated stationary systems for put out. Selection and calculation of elements. Stationary systems for fire extinguishing.						
4. Teaching methods:						
Lectures. Auditory Practice. Laboratory Practice. Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00
Lecture attendance			Yes	5.00		
Project			Yes	40.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Ted Boothroyd, Lynne Murnane, Tom Ruane		Fire Detection and Suppression Systems		Intl Fire Service Training Assn, Oklahoma State University	2005
2,	J. Mutschmann, F. Stimmelmayr		Snabdevanje vodom		Građevinska knjiga, Beograd	1999
3,	Blagojević M., Ristić J., Simić Đ.		Sistemi za otkrivanje i dojavu požara		Fakultet zaštite na radu, Niš	2004
4,	Dennis P. Nolan, P.E		Handbook of Fire and Explosion Protectionengineering Principles for Oil, Gas, Chemical, and Related Facilities		Noyes Publications	1996
5,	Sekulović D., Kadić M		Zbirka propisa iz oblasti zaštite od požara i eksplozija		Nova prosveta, Beograd	1990
6,	Stipić M., Prodanović, D., i Kolaković S.		Racionalizacija i unapređenje protivpožarnih potreba javnih vodovodnih sistema-slučaj grada Novog Sada		Savremena građevinska praksa - Zbornik radova, Novi Sad	2004
Literature						



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Table 5.2 Course specification

Course:		Devices in the Process Industry					
Course id: URZP54							
Number of ECTS: 5							
Teacher:		Đaković D. Damir					
Course status:		Elective					
Number of active teaching classes (weekly)							
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:	
2		2	0	0		0	
Precondition courses							
None							
1. Educational goal:							
The course objective is to introduce students to the devices most often used in the process industry with basic principles of their operation.							
2. Educational outcomes (acquired knowledge):							
Acquired knowledge, the knowledge of operation and processes occurring in the devices of process industry enable identification of risks and risk assessment occurring in the device operation and handling, formulation of suggestions for protective measures with an objective to increase operation safety degree and professional contribution to the removal of consequences in accidents.							
3. Course content/structure:							
Introduction to the general principles in technological processes. Mechanical operations: Homogenous and heterogeneous systems. Separation of gaseous heterogeneous systems by deposition, wet cleaning, filtration and electrostatic cleaning. Separation of heterogeneous systems of emulsions, suspensions (sedimentation, filtration). Mixing liquids. Kneading solids. Comminution of solid materials by crushing and grinding. Screening, sieves and riddles. Transport of solid material: bar, chain conveyors, elevators, snails, pneumatic conveyors. Heating operations: Mechanisms of heat transfer: conduction, convection and radiation. Heat sources and carriers. Devices for: direct heat transfer, direct transfer – heat exchangers, cooling, condensation and evaporation. Diffusion operations: Basic principles. Distillation and rectification. Drying and dryers. Extraction. Absorption and adsorption. Crystallization.							
4. Teaching methods:							
Lectures, Auditory Practice and Consultations.							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes	50.00
Lecture attendance			Yes	5.00			
Test			Yes	10.00			
Test			Yes	10.00			
Test			Yes	10.00			
Test			Yes	10.00			
Literature							
Ord.	Author		Title		Publisher		Year
1,	Milanko V.		Procesni uređaji		Visoka tehnička škola strukovnih studija, Novi Sad		2010
2,	Stanišić S.		Tehnološke operacije I i II		Tehnološki fakultet, Novi Sad		1978
3,	Pavlov K.F., Romankov, P.E., Noskov A.		Examples and Problems to the Course of Unit Operations of Chemical Engineering		Mir Publishers, Moscow		1979
4,	Tasić A., Šerbanović S., Đorđević E.		Toplotne operacije i oprema		Tehnološko-metaruški fakultet, Beograd		2005
5,	Valent V.		Sušenje u procesnoj industriji		Tehnološko-metaruški fakultet, Beograd		2001
Literature							



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Table 5.2 Course specification

Course:	Cycle Elements of Catastrophic Events					
Course id: URZP46						
Number of ECTS: 4						
Teacher:	Ćosić I. Đorđe					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	2	0	0	0		
Precondition courses		None				
1. Educational goal:						
Introducing students to the individual elements of management in catastrophic events.						
2. Educational outcomes (acquired knowledge):						
Acquisition of basic knowledge about the contents and components of the catastrophic event cycles.						
3. Course content/structure:						
General about the catastrophic event management cycle						
Reduction						
Preparedness						
Emergency interventions (response)						
Recovery						
Reconstruction						
Application of information and communication technologies in individual phases of the catastrophic event management cycle						
4. Teaching methods:						
Lectures, Auditory Practice, Consultations						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes	50.00
Lecture attendance		Yes	5.00			
Term paper		Yes	40.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Damon P. Coppola	Introduction to International Disaster Management		Elsevier.	2007	
2,	Mileti, D	Disasters by Design		Joseph Henry Press	1999	
Literature						



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Table 5.2 Course specification

Course:		Flood Defense Measures				
Course id: URZP59						
Number of ECTS: 4						
Teachers:		Kolaković R. Srđan, Stipić S. Matija				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		2	0	0		0
Precondition courses		None				
1. Educational goal:						
The educational course objective is to introduce students to the causes of the extreme flood phenomena, to the genesis of the flooding wave, as well as to the possible consequences in regards to assets and human life. Besides that, the objective is to introduce students to the methodology and measures of flood defense.						
2. Educational outcomes (acquired knowledge):						
After the passed examination students will be able to plan and predict possible risks concerning assets and population, vulnerability and endangerment of people, and to formulate, define and plan measures of protection and rescue of people and assets in the case of big floods.						
3. Course content/structure:						
Causes of flood formation. Classification of floods to internal and external waters. Passive and active flood defense measures. Basic elements of defensive facilities (accumulation, dams, embankments, river bank walls, raster channels). Determining return period for building defensive facilities. Stationary and mobile equipment for flood protection. Transformation of the flooding wave. Flood defense regulations. Regular and exceptional defense. The role of the first and second defensive line. Causes of embankment and dam destruction. Monitoring and carrying out measures for prevention of defense facility destruction. Measures undertaken in cases of accidental situations caused by dam and embankment destruction. Determining the shortest time necessary for evacuation due to embankment and other defensive facility penetration. Remediation of extreme flooding consequences and those of urban and agricultural surfaces.						
4. Teaching methods:						
The course is held through auditory lectures followed by slides and auditory practice which further elaborates certain problem solutions. Both lectures and practice are followed by a great number of examples from the practice. Besides that, lecturers of the visiting representatives from some institutions and companies are planed, and also visits to the institutions and companies typical for the lectured field.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance			Yes	5.00		
Term paper			Yes	20.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Rezniček Karlo		Odbrana od poplava		Građevinski fakultet u Subotici	1989
2,	Kolaković Srđan		VOĐE VOJVODINE - neki aspekti funkcionalnosti sistema za zaštitu od spoljnih i unutrašnjih voda na području Vojvodine		Fakultet tehničkih nauka - Novi Sad	2003
3,	Kuspilić Neven		Hidrotehnički objekti – građevine za odbranu od poplava		Građevinski fakultet u Zagrebu	2008
4,	Kolaković, S., Trajković, S., Nikolić, A., Pakai, M.		Akcioni planovi za održivu odbranu od poplava		Nauka+Praksa 8, Građ. fakultet u Nišu	2005
Literature						



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Table 5.2 Course specification

Course:		Stability of terrain				
Course id: URZP18						
Number of ECTS: 4						
Teachers:		Đogo B. Mitar, Vasić V. Milinko				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		2	0	0		0
Precondition courses None						
1. Educational goal:						
Enabling students in acquiring professional knowledge and in the application in practice.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is used in professional courses.						
3. Course content/structure:						
The general types of rocks and terrain. Natural terrain instability: earthquakes, faults, landslides, erosion, suffosion, liquefaction, instability in the loess. Instability induced by excavation. Instability due to faulty foundation. Measures for the protection of ground instability: retaining walls, embankments, piles, diaphragm, anchors.						
4. Teaching methods:						
Lectures and auditory practice.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Graphic paper			Yes	20.00	Oral part of the exam	Yes 40.00
Lecture attendance			Yes	5.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Milinko Vasić	Inženjerska geologija			FTN	2002
2,	Milović Dušan, Đogo Mitar	Greške u fundiranju			FTN	2005
Literature						



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Table 5.2 Course specification

Course:	Professional Practice					
Course id: Z404						
Number of ECTS: 3						
Teachers:						
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
0	0	0	0	4		
Precondition courses		None				
1. Educational goal: Acquiring practical knowledge about functioning and organization of the companies and institutions dealing with the profession the student is trained for, and possibilities of practical application of previously acquired knowledge.						
2. Educational outcomes (acquired knowledge): Enabling students to apply previously acquired theoretical and professional knowledge for solving specific, practical, engineering problems within the chose company or institution. Introducing students to the jobs of the chosen company or institution, to the operating methods, to the management and place and role of engineering in their organizational structures.						
3. Course content/structure: It is formed for each student individually in agreement with the company or institution management where the professional practice is done, and in accordance with the needs of the profession student is being trained for.						
4. Teaching methods: Consultations and writing of the professional practice journal where the student describes activities and jobs done during the professional practice.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Project		Yes	50.00	Oral part of the exam	Yes	50.00
Literature						
Ord.	Author	Title		Publisher	Year	
Literature						



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Table 5.2 Course specification

Course:		Basic principals of insurance				
Course id:	URZP80					
Number of ECTS:	6					
Teacher:	Kuzmanović D. Bogdan					
Course status:	Elective					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	3	0	0	0		
Precondition courses						
None						
1. Educational goal:						
The course objective is to enable students to develop basic insurance products, to define needs for insurance and to find out the most efficient way of economic protection due to damaged or destroyed things, health, life of people, spontaneous events and accidents. During the lectures students gain knowledge necessary for defining needs, types and methods of insurance.						
2. Educational outcomes (acquired knowledge):						
The student will be able to determine the need for insurance protection for enterprises and individuals, to recognize risks threatening things and people, and to design the most plausible model of insurance for different types of assets. Through lectures, practice and practical work, the student will acquire necessary knowledge about the insurance of the society, methods of functioning, technical elements of insurance as well as economic, legal and social function of insurance.						
3. Course content/structure:						
Theoretical lectures, course contents and structure. Introduction to insurance, history of insurance, definition of insurance, insurance functioning, technical basis of insurance, economic importance of insurance. Insurance classification: non-life insurance, life insurance, reinsurance and coinsurance. Insurance subjects: the insurer, the insured, insurance claims, insurance contractor, insurance agents and insurance brokers. Organizational forms of insurance: joint-stock insurance company, mutual insurance company, insurance association, insurance pools, and reinsurance. The insurance market: global insurance market, domestic insurance market, distribution of insurance products, directives of the European Union in the field of insurance. Basic elements of insurance: the subject of insurance, the insured risk, sums insured, premiums, insured event, technical result, franchise, bonus and malus. Insurance economics: revenues, expenditures, liquidity, profitability, economy. Reinsurance, coinsurance. Damage assessment and liquidation.						
4. Teaching methods:						
Oral presentation using the devices (video beam, table), written materials for practice. Visits to the insurance companies for practice.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	5.00	Coloquium exam	No	30.00
Lecture attendance		Yes	5.00	Coloquium exam	No	30.00
Test		Yes	40.00	Oral part of the exam	Yes	50.00
Literature						
Ord.	Author	Title		Publisher		Year
1,	Dr Veselin Avdalović, Dr Boris Marović	Osiguranje i teorija rizika		CAM Novi Sad i Beogradska bankarska akademija		2006
2,	Dr Boris Marović, Dr Veselin Avdalović	Osiguranje i upravljanje rizikom		Birografika		2003
Literature						

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Table 5.2 Course specification

Course:		Fire Safety Engineering Design of Structures			
Course id:	ZP505				
Number of ECTS:	4				
Teacher:	Laban Đ. Mirjana				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	1	
Precondition courses		None			
1. Educational goal:					
Acquisition of theoretical and practical knowledge about preventive and protective construction measures and methodology, analysis and assessment of fire risks and assessment of fire risks in buildings.					
2. Educational outcomes (acquired knowledge):					
Acquired theoretical and applied knowledge enables identification, characterization, classification and analysis of risk factors in buildings from the aspect of applied architectural solutions of space design, designing solutions and materialization of the building elements, realization of analysis and risk assessment of fire occurrence in building, as well as formulation and suggestion of measures for fire risk reduction. Acquired knowledge enables students to make project technical documentation necessary for building buildings, as well as for monitoring of carried out project measures during construction and exploitation of the facilities.					
3. Course content/structure:					
Classification and typology of buildings from the aspect of fire safety (residential, public, business, industrial, warehouse, garages, tall buildings, building – cultural heritage). Current legislation in the field of fire protection in buildings. Fire resistance of construction materials and constructions. Preventive civil engineering measures against fire, Fire sectors, characteristics of fire sectors. Evacuation from the fire endangered spaces. Fire stairways. Calculation of evacuation time. Evacuation labels and plan. Systems of fire protection in buildings. Smoke. Importance of regular maintenance of the building and the fire protection system. Qualitative and quantitative fire risk assessment (method of risk matrix, check lists and event trees, risk indexing). Analysis of existing and planed objects – designing documentation, analysis of the build objects and consideration of applied conceptual solutions from the aspect of fire protection.					
4. Teaching methods:					
Lectures, Course Project, Presentation, Consultations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Lecture attendance		Yes	5.00		
Presentation		Yes	10.00		
Project		Yes	50.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Robert W. Fitzgerald	Building Fire Performance Analysis		John Wiley & Sons Ltd, Chichester, West Sussex England	2004
2,	David Yung	Principles of Fire Risk Assessment in Buildings		A John Wiley and Sons Ltd, Publication, Chichester, West Sussex, UK	2009
3,	M.J. Billington Anthony Ferguson and A.G. Copping	Means of Escape from Fire		Blackwell Science Ltd, a Blackwell Publishing Company, Oxford , UK	2002
4,	John A. Purkiss	Fire Safety Engineering Design of Structures		Butterworth-Heinemann is an imprint of Elsevier, Oxford, UK	2007
5,	Krnjetin S.	Graditeljstvo i zaštita životne sredine		Prometej, Novi Sad	2004
Literature					



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Table 5.2 Course specification

Course:		Application of geoinformation technology in risk management				
Course id: URZP44						
Number of ECTS: 4						
Teacher:		Popov B. Srđan				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		0	2	0		1
Precondition courses		None				
1. Educational goal:						
Advanced use geoinformacionih technology, with the aim of modeling and simulation in the analysis of risk, with potentially disastrous consequences.						
2. Educational outcomes (acquired knowledge):						
The outcome of course is the knowledge of the terrain modeling, surface model and remote sensing, with the aim of modeling and simulation in the analysis of risk, with potentially disastrous consequences.						
3. Course content/structure:						
2d, 3d, 4d, nd simulation, terrain models, surface models, remote sensing, risk analysis, with potentially disastrous consequences.						
4. Teaching methods:						
Lectures, practice, course assignments, tests, consultations						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Project task			Yes	30.00	Written part of the exam - tasks and theory	Yes 30.00
Test			Yes	10.00		
Test			Yes	10.00		
Test			Yes	10.00		
Test			Yes	10.00		
Literature						
Ord.	Author		Title		Publisher Year	
1,	Zhilin Li, Qing Zhu, Christopher Gold		Digital Terrain Modeling, Principes and Metodology		CRC PRESS 2005	
2,	A. Rahman, M. Pilouk		Spatial data modeling for 3D gis		Springer 2007	
3,	P. Showalter, L. Yongmei		Geospatial Techniques in Urban Hazard and Disaster Analysis		Springer 2010	
4,	G. Heuvelink		Prenos grešaka GIS modelovanja životne sredine		Građevinski fakultet u Beogradu 2007	
Literature						



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Table 5.2 Course specification

Course:		Mobile Equipment and Fire Extinguishing Equipment			
Course id:	URZP45				
Number of ECTS:	6				
Teachers:		Jocanović T. Mitar, Sokolović S. Dunja			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	1	2	0	0	
Precondition courses		None			
1. Educational goal:					
The course objective is acquisition of knowledge about the fire extinguishing equipment.					
2. Educational outcomes (acquired knowledge):					
After the passed examination, students will be able to adequately select and apply fire extinguishing equipment.					
3. Course content/structure:					
Manual transmission and transport fire extinguishers. Fire extinguishing pipes. Fire extinguishing couplings. Fittings for water abstraction and implementation. Hydrants and hydrant extensions. Water nozzles. Mobile mixers, dozers for air mechanical foam. Nozzles and monitors for air-mechanical foam. Foam monitors (pitchers). Rescue equipment for heights. Fire extinguishing ladder. Personal fire fighting equipment. Radiation protection equipment.					
Fire fighting vehicles, classifications and types. Hazardous substance working equipment.					
Fire extinguishers. Water as a fire extinguisher. Foam as a fire extinguisher. Powder as a fire extinguisher. Carbon dioxide. Halons. New fire extinguishers: Inergen, FM 200, aerosol generators mag for spatial fire extinguishing, argon.					
4. Teaching methods:					
The course is held through auditory lectures followed by slides and auditory practice for further elaboration of certain problem solutions. Both lectures and practice are followed by a great number of examples from the practice. Besides that, visiting lecturers from some institutions and companies are also planed, as well as the visits to the institutions and companies typical for the field covered by the lectures.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00
Lecture attendance		Yes	5.00		
Project		Yes	40.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	A. Maurice Jones	Fire Protection Systems		Delmar Cengage Learning UK	2008
2,	J. Mutschmann, F. Stimmelmayer	Snabdevanje vodom		Građevinska knjiga, Beograd	1999
3,	Naval Facilities Engineering Command	Fire Protection Engineering for Facilities		Foxit Software Company	2004
4,	Mlađan D.,Živanović S.	Sredstva za gašenje požara		Quatopress Beograd	1996
5,	Dennis P. Nolan, P.E.	Handbook of Fire and Explosio Protectionengineering Principles for Oil, Gas, Chemical, and Related Facilities		Noyes Publications	1996
6,	Anton Osvald	Ochrana pred požiarimi		Tehnicka univerzita vo Zvolen	2005
Literature					



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Table 5.2 Course specification

Course:		Risk Analysis Methods						
Course id: URZP60								
Number of ECTS: 6								
Teacher:		Kuzmanović D. Bogdan						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
4		4		0		0	0	
Precondition courses None								
1. Educational goal:								
Introducing students to the methods and models of risk analysis.								
2. Educational outcomes (acquired knowledge):								
Acquisition of basic knowledge about the risk analysis methods.								
3. Course content/structure:								
Risk nomenclature, Components of the risk function. Indicators and indexes, Quantitative and qualitative methods of assessment, Methods for hazard parameter calculation, Models of vulnerability assessment, Assessment of exposure, tancity, endurance, Methods of damage assessment, Relationship between uncertainty and risk, Human factor and risks, Objectivity in risk assessment, Subjectivity in risk assessment. Risk analysis and society.								
4. Teaching methods:								
Lectures, Auditory and Computer Practice, Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	50.00
Lecture attendance			Yes	5.00				
Term paper			Yes	40.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Dirk Proske		Catalogue of Risks			Springer		2008
Literature								



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Table 5.2 Course specification

Course:		Earthquake Impact on Civil Engineering Structures						
Course id:	URZP58							
Number of ECTS:	4							
Teachers:		Lađinović Ž. Đorđe, Đogo B. Mitar						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:		
2		2	0	0		0		
Precondition courses								
None								
1. Educational goal:								
Acquisition of knowledge necessary for seismic hazard assessment, reduction of seismic risk and conceptual aseismic design of the civil engineering objects.								
2. Educational outcomes (acquired knowledge):								
Enabling students to assess seismic hazard and risk, as well as to calculate impact in the construction due to earthquakes most often used in the engineering practice.								
3. Course content/structure:								
General on earthquakes: causes of formation and types of earthquakes, seismic waves, characteristics of the earthquake soil movement, registration of earthquakes, intensity of the seismic action and seismic scales. Seismic hazard assessment, return period of earthquakes, probability of seismic event excess during the life expectancy of buildings. Analysis of construction behavior due to earthquakes: forced suppressed system vibrations with one degree of freedom due to dynamic movement of foundation. Method of equivalent static load and response spectrum method. Conceptual design of seismic resistant constructions: basic objectives and requirements of seismic protection, methodology of design, measures of seismic risk reduction.								
4. Teaching methods:								
Lectures, numerical-graphic practice, consultations. Practice is carried out in groups according to the program which fully accompanies lectures. Examination prerequisites are positively graded individual assignments and success at the colloquium or defended term paper.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory	Points	
Graphic paper			Yes	25.00	Written part of the exam - tasks and theory		Yes	50.00
Term paper			Yes	25.00				
Literature								
Ord.	Author		Title		Publisher		Year	
1,	Brčić V.		Dinamika konstrukcija		Građevinska knjiga		1981	
2,	Petrović B.		Odabrana poglavlja iz zemljotresnog građevinarstva		Građevinska knjiga		1989	
3,	Aničić D., Fajfar P., Petrović B., Savitz-Nosan A., Tomaževi		Zemljotresno inženjerstvo - visokogradnja		Građevinska knjiga, Beograd		1990	
Literature								



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Table 5.2 Course specification

Course:		Diplomski rad			
Course id: URZ408					
Number of ECTS: 15					
Teachers:					
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
0	0	0	0	9	
Precondition courses		None			
1. Educational goal:					
Application of basic, acquired knowledge and methods in solving specific problems within the chosen field. The student studies the problem, its structure and complexity, and based on the conducted analysis makes conclusions about possible ways of solving it. By studying the literature, the student is introduced to the methods of solving similar problems and to the practice in solving them. Acquiring knowledge about the way, structure and form of report-writing, after conducting analysis and other activities carried out within the given Bachelor Thesis topic. By writing the Bachelor Thesis, students gain experience in paper writing which requires problem description, methodology and procedures, and obtained results. Besides, the objective of writing and defending the Bachelor Thesis is to develop student ability to prepare and publically present results of their independent work in the adequate form, as well as to answer the objections and questions related to the given topic.					
2. Educational outcomes (acquired knowledge):					
3. Course content/structure:					
It is formed individually in accordance with the needs and the field covered by the Bachelor Thesis topic. The student writes Bachelor Thesis in the written form in agreement with the mentor and in accordance with the standards of the Faculty of Technical Sciences. The student prepares and defends the Bachelor Thesis publically in agreement with the mentor and in accordance with the standards. The student studies professional literature, professional and Bachelor thesis of the students dealing with similar topics, and conducts analysis with an objective to find out the solution to the specific problem defined in the Bachelor Thesis.					
4. Teaching methods:					
Bachelor Thesis mentor sets the Bachelor Thesis problem and gives it to the student. The student is obliged to write the Bachelor Thesis within the given topic defined by the Bachelor Thesis problem. During writing the Bachelor Thesis, mentor can give additional instructions to the student, suggest certain literature and additionally guide him with an objective to create a quality Bachelor Thesis. Within the theoretical part of the Bachelor Thesis, the student has consultations with the mentor, and with other professors dealing with problems in the field of the Bachelor Thesis topic, if needed. Within the given topic, the student executes certain measurements, testing, counting questionnaires and other research, if necessary. The student writes the Bachelor Thesis and gives the bounded examples to the board after gaining consent from the board for assessment and defense. Defense of the Bachelor Thesis is public and the student is obliged to orally answer the questions and objections					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Writing the final paper with theoretic basis		Yes	50.00	Final exam defence	Yes 50.00
Literature					



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Table 5.2 Course specification

Course:		Fire Risk Management in Industry						
Course id: URZP47								
Number of ECTS: 5								
Teacher:		Sokolović S. Dunja						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		2		0		0	0	
Precondition courses None								
1. Educational goal:								
The course objective is to introduce students to the production processes endangered by fire, to the potential risks which can cause fire in production processes and to the adequate measures undertaken in order to safely manage fir risks in industry.								
2. Educational outcomes (acquired knowledge):								
After the passed examination students will be able to identify and analyze fire risks, to define and apply adequate protective measures against fire in industry.								
3. Course content/structure:								
An overview of the fire accidents in industry. Analysis of fire risks. General preventive measures in industry. Classification of industrial facilities according to the fire risks. Sources of risks and danger zones. Risks and measures of fire protection in individually industrial facilities endangered by fire. Risks and measure of fire protection in production, use and storage of flammable and explosive gasses. Oxygen. Hydrogen. Ammonia. Acetylene. Natural gas. Liquefied gases. Risks and measures of fire protection in production, use and storage of flammable liquids. Storage of flammable liquids. Decanting. Oil industry. Production of paints and varnishes. Lacquer. Extraction plants. Processing of oilseeds. Risks and measures of fire protection in production, use and storage of solid materials. Storage of solid materials. Production of plastic masses. Wood industry. Textile industry. Food industry.								
4. Teaching methods:								
Lectures, Auditory Practice and Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	60.00
Lecture attendance			Yes	5.00				
Term paper			Yes	30.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Veselinović S.		Preventivna zaštita od požara i eksplozija			VTŠ, Novi Sad		1989
2,	Marcus Arvidsson, Frej Hult		Analysing Fire Risk in Automated High Bay Warehouses			Brandteknik, Lunds universitet, Lund, Sweden		2006
3,	Veselinović S., Ostoić M., Milanko V.		Preventivna zaštita od požara i eksplozija, praktikum			VTŠ, Novi Sad		1990
4,	Stefanović B., Vićović D..		Zaštita skladišta od požara			Zaštita sistem, Beograd		2008
5,	Tatyana A. Davletshina		Industrial Fire Safety Guidebook			NOYES PUBLICATIONS, New Jersey, USA		1998
Literature								

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Table 5.2 Course specification

Course:		Strategy of Intervention				
Course id: URZP51						
Number of ECTS: 5						
Teacher:		Sakulski M. Dušan				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
3		2	0	0		0
Precondition courses None						
1. Educational goal:						
The course objective is acquisition of knowledge necessary for making strategic and tactic plans for interventions in the conditions of catastrophic events and fire.						
2. Educational outcomes (acquired knowledge):						
After the passed examination students will be able to make strategic and tactic plans for interventions in cases of catastrophic events and fire.						
3. Course content/structure:						
Classification of interventions: fire (in the open space, in the facilities, in reservoirs of flammable liquids, in the transportation means, in industrial plants), natural disasters (earthquakes, floods, landslides), dangerous substances, terrorism. Risks for emergency personnel: motion at the place of intervention, electric energy, demolition, explosion, combustion products, aggressive and poisonous substances, reaction jet, heat and high temperature. Intervention commanding system during accident; basic characteristics of the incident commanding system, reception of an initial information, decision, issuing commands, notification of intervention services and their role (police, life-saving, fire service, emergency service, other services – military, construction directions, public municipal enterprises), communication between different services at the place of intervention. Establishing parameters: access control, zoning parameters. Providing support: reserve teams, support staff, reserve funds and working equipment, reception and care for victims, providing space for rest of the intervention staff.						
4. Teaching methods:						
The course is held through auditory lectures followed by slides and auditory practice for further elaboration of problems solutions. Both lectures and practice are followed by a great number of examples from the practice. Besides that, visiting lecturers from some institutions and enterprises are also planed, and also visits to the institutions and enterprises typical for the lectured field.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00
Lecture attendance			Yes	5.00		
Project			Yes	40.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Lucien G. Canton		Emergency Management: Concepts and Strategies for Effective Programs		Wiley-Interscience, London	2006
2,	Jim Smith		Strategic and Tactical Considerations on the Fireground		Prentice Hall, New Jersey	2007
3,	James Angle, David Harlow, William Lombardo, Craig Maciuba, Michael Gala		Firefighting Strategies and Tactics		Delmar Cengage Learning, Oclahoma State University	2007
Literature						

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Table 5.2 Course specification

Course:		Logistics in the Conditions of Catastrophic Events			
Course id:	URZP49				
Number of ECTS:	5				
Teacher:		Beker A. Ivan			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Enabling students to identify basic logistic functions in emergency situations, as well as their tasks and working methods.					
2. Educational outcomes (acquired knowledge):					
After the passed examination students will be able to identify necessary logistic activities in emergency situations, to establish correctness of the settings of certain logistic functions, to assess working quality of each logistic function and to recommend measures of working improvement of certain logistic functions.					
3. Course content/structure:					
Organization, strategy and planning; Transport and storage; Handling, packaging; Information system; Supply and suppliers; Product servicing; Maintenance, Costs and LCC; Feedback logistics; Staff; Energy supply; Supply chain management; Defining necessary elements which have to be fulfilled by the government, local and private sector for the needs of overcoming emergency situations. Activities which have to be realized by the government, local and private sector in emergency situations.					
4. Teaching methods:					
The course is held through auditory lectures followed by slides (lap-top – beam projector) and auditory practice for further elaboration of problem solutions. Both lectures and practice are followed by a great number of examples from the practice.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance		Yes	5.00		
Term paper		Yes	20.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Beker I., Stanivuković D.	Logistika – integralna sistemska podrška (u pripremi)		Fakultet tehničkih nauka, Novi Sad	2011
2,	Bloomberg D. at all	LOGISTICS		Prentice Hall, New Jersey, USA	2005
3,	Krajewski L.J., Ritzman,	L.P. OPERATIONS MANAGEMENT – STRATEGY AND ANALYSIS		Prentice Hall	2007
Literature					



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Table 5.2 Course specification

Course:		Fire Protection Planning and Design				
Course id: ZP503						
Number of ECTS: 5						
Teacher:		Laban Đ. Mirjana				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
3		2	0		0	0
Precondition courses None						
1. Educational goal:						
Acquisition of theoretical and practical knowledge for design and planning of technical – technological preventive measures of fire protection by the use of modern technical solutions.						
2. Educational outcomes (acquired knowledge):						
Acquired theoretical and applied knowledge enables design and planning of fire protection measures with an objective to prevent fire. Acquired knowledge enables students to do responsible engineering work of design, monitoring and control of fire protection measures, as well as to plan fire protection.						
3. Course content/structure:						
Creating fire protection plan, law regulations and standards. Analysis and assessment of fire risks in technological processes. Selection of elements important for fire risk assessment, identification and risk assessment. Determining risk zones in regards to the degree and level of fire risk. Selection of equipment and measures based on the risk assessment. Organizational fire protection measures in technological processes. Assessment methods and methodologies of applied fire protection measures. Initiation of reengineering of technical – technological fire protection measures.						
4. Teaching methods:						
Lectures, Course Project, Presentation, Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Lecture attendance			Yes	5.00		
Project			Yes	50.00		
Test			Yes	10.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Paul Stollard and John Abrahams		Fire from First Principles A design guide to building fire safety		E & FN SPON An imprint of Routledge London and New York	2002
2,	John A. Purkiss		Fire Safety Engineering Design of Structures		Butterworth-Heinemann is an imprint of Elsevier, Oxford, UK	2007
3,	Tatyana A. Davletshina		Industrial Fire Safety Guidebook		NOYES PUBLICATIONS, New Jersey, USA	1998
4,	Robert W. Fitzgerald		Building Fire Safety Performance Analysis		John Wiley & Sons Ltd, Chichester, England	2004
5,	Ulrich Krause		Fires in Silos Hazards, Prevention and Firefighting		WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany	2009
Literature						



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 06. Programme Quality, Contemporaneity and International Compliance

The programme of multidisciplinary and interdisciplinary studies of Risk and Fire Protection Management is designed and defined keeping in mind the specifics of the profession of the Risk and Fire Protection Management in Serbia and respecting the experience from the relevant university institutions in the world dealing with the education of the experts in this field. This study profile is recognized as a sublimation of the study programmes of the following universities:

The University of Edinburgh, GB

<http://www.see.ed.ac.uk/postgraduate/taughtdeg/SFSE/>

The College of Justice & Safety, Richmond, Eastern Kentucky University, USA

<http://www.cjs.eku.edu/sssem/fset/FireProtectionSafetyEngineeringTechnologyCurriculum.php>

Lund University, Faculty of Engineering, LTH, Lund, Sweden

http://www.lth.se/english/education/programmes/risk_management_safety/

Lund University, Faculty of Engineering, LTH, Lund, Sweden

<http://www.lu.se/master-of-disaster-management-english>

Ghent University, Ghent, Belgium

<http://www.imfse.ugent.be/index.asp?p=582&a=582>
ernational

University of Maryland, USA

<http://www.fpe.umd.edu/grad/index.html>

These study programmes are compatible and comparable to the certain extent in their syllabus and curriculum to the suggested study programme of Risk and Fire Protection Management/FTN. The difference in the theme and programme wholes of individual courses is intentionally made for the purposes of contemporary, modern and complete education of the students in the fields which are considered basic, while they are later profiled to the specific issues of risk and fire protection management through elective courses. Elective courses are at the higher years of study and can be selected in accordance with the individual inclinations and interests of the students.

Undergraduate academic bachelor studies of Risk and Fire Protection Management at EU universities, in most cases are related to some of the scientific fields such as construction, mechanical engineering, electrical engineering, hydrology, technology or ecology. Studies of Risk and Fire Protection Management at the Faculty of Technical Sciences are unique, integrated, multidisciplinary, and interdisciplinary.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 07. Student Enrollment

Each year a certain number of students are enrolled at the Faculty of Technical Sciences on the undergraduate academic studies of Risk and Fire Protection Management, in accordance with social needs and infrastructure resources, either at the budget financing or self-financing, which is annually defined by special decision of Scientific Educational Council of the Faculty of Technical Sciences. Student selection, from the list of applied candidates, is carried out based on the success during previous education and success at the enrolment examination defined by the Regulations of Student Enrolment to the Study Programmes.

Students from other academic programs as well as persons who have completed studies may be enrolled to this study program. In this respect, the evaluation committee (comprising of the heads of all departments involved in realization of the study program) evaluates all passed activities of candidates for enrollment on the basis of all recognized number of points determined by the year of study in which the student can be enrolled. Hence, the passed courses from other study programmes can be recognized in full, can be recognized in part (Commission may require the proper supplement) or they may not be recognized at all.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 08. Student Evaluation and Progress

The final grade in each course included in this programme is formed by continual monitoring of students' accomplishments throughout the academic year and by passing the final examination.

Students master the study programme by taking examinations and thus obtaining a certain number of ECTS credits, in accordance with the study programme. Each course within the programme is worth a certain number of ECTS credits which students obtain by successfully passing the course examination. The number of ECTS credits is based on the quantity and quality of work students are required to submit during a certain course and on the Faculty of Technical Sciences' unique methodology for all study programmes. Students' success in mastering a certain course is constantly monitored during classes and is expressed in points. Maximum number of points obtained in a course is 100.

Students obtain points from a course through their work during classes, completion of the prerequisites and taking the examination. The minimum number of points a student can obtain by fulfilling the course prerequisites during classes is 30, and the maximum 70.

Each course at the study programme has a clear and transparent mode of obtaining points. There are several ways students can obtain points: by participating in different activities during classes, by fulfilling the course prerequisites and by passing the course examination.

The final success of students at a course is presented with a grade 5 (failed) to 10 (excellent). The student's grade is based on the overall number of points obtained on fulfilling prerequisites and taking the examination, and in accordance with the quality of acquired knowledge and skills.

In order to take the final examination in the certain course, it is necessary that the student obtains at least 15 points in the examination prerequisites. Additional conditions for taking the examinations are defined individually for each course.

Advancement of students during education is defined by the Rules of Studying at the Undergraduate Academic Studies.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 09. Teaching Staff

For the realization of the study programme in Risk and Fire Protection Management, there is teaching staff with necessary professional and scientific qualifications.



The number of teachers engaged in the realization of the study programs of undergraduate and graduate academic studies meets the requirements of the study program and depends on the number of courses and number of classes on these courses. The total number of teachers is sufficient to cover the total number of hours on the study program, so that the teacher has about 180 hours of active lecturing (Lectures, consultations, exercises, practical work, ...) annually, or 6 times a week. Out of the total number of necessary teachers, one teacher is with 5% of working time, five teachers are from other faculties within the University of Novi Sad, one from master and doctoral studies has been retired (according to the law, two years more at master's and doctoral studies). Other teachers are full-time employed.

The number of associates meets the requirements of the study program. The total number of associates on the study program is sufficient to cover the total number of hours in the study programme Risk and Fire Protection Management, so that the associates make an average of 300 hours of Practice per year, that is, 10 hours per week.

Scientific and professional qualifications of the teaching staff match the educational and scientific field and level of their assignments. Each teacher has at least five references in the specific scientific or technical field, which is related to his teaching activities at the particular study program.

The group size for the lectures is up to 180 students, for exercises up to 60 students, and for labs up to 20 students.

All data on teachers and associates (CV, elections for the position, references) are available to the public

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Science, arts and professional qualifications



Name and last name:	Beker A. Ivan		
Academic title:	Associate Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 01.12.1987		
Scientific or art field:	Quality, Effectiveness and Logistics		
Academic career	Year	Institution	Field
Academic title election:	2012		Quality, Effectiveness and Logistics
PhD thesis	2001	Faculty of Technical Sciences - Novi Sad	Engineering Management
Magister thesis	1996	Faculty of Technical Sciences - Novi Sad	Engineering Management
Bachelor's thesis	1986	Faculty of Technical Sciences - Novi Sad	Engineering Management

List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	II1016	Reliability of technical systems and Maintenance	(I10) Industrial Engineering, Undergraduate Academic Studies
2.	II1040	Organization and mamangement of maintenance	(I10) Industrial Engineering, Undergraduate Academic Studies
3.	II1043	Maintenance techniques and technologies	(I10) Industrial Engineering, Undergraduate Academic Studies
4.	IM1049	Supply chain Management	(I20) Engineering Management, Undergraduate Academic Studies
5.	IM1615	Maintenance of Technical Equipment	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM1618	Design and Analysis of Maintenance Procedure	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
7.	IM1623	Occupational Health and Safety Management System	(I20) Engineering Management, Undergraduate Academic Studies
8.	URZP49	Logistics in the Conditions of Catastrophic Events	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	I843	Maintenance effectiveness	(H00) Mechatronics, Master Academic Studies (I10) Industrial Engineering, Master Academic Studies
10.	I501	Risk Management	(I10) Industrial Engineering, Master Academic Studies
11.	I841	Spare parts management	(I10) Industrial Engineering, Master Academic Studies
12.	IM2607	Risk management	(I20) Engineering Management, Master Academic Studies
13.	IM2615	Lean Logistics	(I20) Engineering Management, Master Academic Studies
14.	IM2619	Stock planning and management	(I20) Engineering Management, Master Academic Studies
15.	IM2620	Lean Maintenance	(I10) Industrial Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
16.	IMDR74	Selected Topics in Quality Management and Logistics	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
17.	IMDR79	Selected topics in quality engineering and logistics	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
18.	ZRD29A	Selected Topics in Systems Reliability	(Z01) Safety at Work, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Brkljač N., Šević D., Beker I., Kesić I., Milisavljević S.: Procedure for treatment of hazardous waste by MID-MIX procedure in Serbia, International Journal of the Physical Sciences, 2012, Vol. 7, No 18, pp. 2639-2646, ISSN 1992-1950
2.	Radlovački V., Pečujlija M., Kamberović B., Jovanović R., Delić M., Beker I.: SATISFACTION OF HIGH SCHOOL STUDENTS WITH THE APPLICABILITY OF THEIR KNOWLEDGE, TTEM. Tehnics technologies education management, 2012, Vol. 7, No 2, pp. 777-785, ISSN 1840-1503
3.	Radlovački V., Beker I., Majstorović V., Pečujlija M., Stanivuković D., Kamberović B.: Quality Managers' Estimates of Quality Management Principles Application in Certified Organisations in Transitional Conditions - Is Serbia Close to TQM, Strojniški vestnik - Journal of Mechanical Engineering, 2011, Vol. 57, No 11, pp. 851-861, ISSN 0039-2480
4.	D. Šević, I. Beker, S. Milisavljević: UPOREDNA ANALIZA ZAHTEVA STANDARDA ISO 14001:2004 I STANDARDA ISO 14001:1996., International Journal Total Quality Management & Excellence, Vol.34, No 3 – 4, 2006.



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<h2 style="margin: 0;">Study Programme Accreditation</h2>				
<p>UNDERGRADUATE ACADEMIC STUDIES</p>		<p>Disaster Risk Management and Fire Safety</p>		
<p>Representative references (minimum 5, not more than 10)</p>				
5.	I. Beker, N. Radaković: ISKUSTVA NA IMPLEMENTACIJI ISO 27001 STANDARDA, International Journal Total Quality Management & Excellence, Vol.34, No 3 – 4, 2006.			
6.	D. Stanivuković, I. Beker, D. Šević: TRENDS IN DEVELOPMENT OF LOGISTICS AND LOGISTICS MANAGEMENT – AN OVERVIEW, 13th Scientific Conference on INDUSTRIAL SYSTEMS, Septembar 07 – 09, 2005, Vrnjačka Banja, Srbija i Crna Gora			
7.	Morača S., Beker I.: Autori: Morača S., Beker, I., Katić J. Naziv: Upravljanje rizikom - potreba za novim standardom Naziv časopisa: Total quality management			
8.	Delić M., Radlovački V., Beker I.: PROŠIRENJE KONCEPTA MODELA KARTE PROCESA UML NOTACIJOM PRI MODELOVANJU I PRIKAZIVANJU PROCESA SISTEMA MENADŽMENTA KVALITETOM, MENADŽMENT TOTALNIM KVALITETOM			
9.	Beker I., Delić M., Vulcanović S.: ISO 27001 - Anex A - poglavlje 13 - Upravljanje incidentima u vezi sa bezbednošću informacija - kako zadovoljiti zahteve , International Journal of Total Quality Management			
10.	Vulanović S., Beker I., Radlovački V., Delić M.: The Appliance of Work Flow Diagram as a Tool for Identification and Grouping of Failures in Processes of Integrated Management System, INTERNATIONAL JOURNAL ADVANCED QUALITY, 2012, Vol. 40, No 1, pp. 23-26, ISSN 2217-8155, UDK: 658.5			
<p>Summary data for teacher's scientific or art and professional activity:</p>				
Quotation total :	0			
Total of SCI(SSCI) list papers :	10			
Current projects :	Domestic :	0	International :	4

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Berić B. Andrijana	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		04.11.2004	
Scientific or art field:		German	
Academic carier	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	German
Master's thesis	2009	Faculty of Philology - Beograd	German
Bachelor's thesis	2003	Faculty of Philosophy - Novi Sad	German
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	NJ01Z	German Language – Elementary	(A00) Architecture, Undergraduate Academic Studies (AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	NJ02L	German Language – Pre-Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	NJ03Z	German Language – Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	NJ04L	German Language – Upper-Intermediate	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
5.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies



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UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety	
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type	
6.	NJ06	German Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
7.	NJT1	German Language for Engineers 1	(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies	
8.	SSIP22	German Language for Engineers 1	(E01) Power Engineering - Renewable Sources of Electrical Energy, Undergraduate Professional Studies	
9.	NJ02LA	German Language - Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (I20) Information Systems Engineering, Undergraduate Academic Studies	
10.	NJIIM	German for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (I20) Information Systems Engineering, Undergraduate Academic Studies	
11.	F330	German Language – LSP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
12.	F331	German Language – LSP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
13.	F508	German Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies	
14.	nja	German Language in Architecture	(AH0) Architecture, Master Academic Studies	
Representative references (minimum 5, not more than 10)				
1.	Prevod: Inovacije i trendovi u proizvodnji alatnih mašina			
2.	Prevod: Inženjerstvo mehatroničnih sistema			
3.	Prevodi za Pro Elektro			
4.	Prevod: Arbeitszenarien und Optimierung von Abläufen und Steuerung von selbstorganisierenden Bionic Assembly System in CIM Umgebung (u toku)			
5.	Prevod: Verfahren und Methoden der biologischen Abfallbehandlung			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :			0	
Total of SCI(SSCI) list papers :			0	
Current projects :			Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Bikić M. Siniša	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 21.06.2004	
Scientific or art field:		Mehanika fluida	
Academic carieer	Year	Institution	Field
Academic title election:	2014		Mehanika fluida
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Mehanika fluida
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Mehanika fluida
Bachelor's thesis	2003	Faculty of Technical Sciences - Novi Sad	Mehanika fluida
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M205	Fundamentals of Fluid Mechanics	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
2.	M205L	Fundamentals in Fluid Mechanics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
3.	M212	Fluid Mechanics 1	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
4.	M3301	Pumping and Compression Stations	(M30) Energy and Process Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
5.	M3306	Devices for Mechanical Purification	(M30) Energy and Process Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
6.	M3403	Fluid Machines	(M30) Energy and Process Engineering, Undergraduate Academic Studies
7.	M3404	Hydropneumatic Components	(M30) Energy and Process Engineering, Undergraduate Academic Studies
8.	M3453	Measurement of fluid properties	(M30) Energy and Process Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
9.	URZP14	Fundamentals of Mechanical Engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
10.	M3401	Fluid Mechanics 2	(M30) Energy and Process Engineering, Undergraduate Academic Studies
11.	M3452	Gas equipment	(M30) Energy and Process Engineering, Undergraduate Academic Studies
12.	M3496	Pipeline Transportation	(M30) Energy and Process Engineering, Undergraduate Academic Studies
13.	M3513	Computational Fluid Dynamics	(M30) Energy and Process Engineering, Master Academic Studies
14.	M3514	Engineering application programmes	(M30) Energy and Process Engineering, Master Academic Studies



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	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
15.	M3516	Hidropneumatic systems	(M30) Energy and Process Engineering, Master Academic Studies
16.	S0M112	Theory of ship's motion and maneuverability	(S00) Traffic and Transport Engineering, Master Academic Studies
17.	M3553	Pipe Networks Modelling	(M30) Energy and Process Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Uzelac, D., Bikić, S., Đurđević, M., Bordeasu, I., (2010). "Change of polyethylene pipe wall thickness after squeezing using squeeze off-tool", <i>Plastice Materiale</i> , Volume 2010, Issue 4, pp. 47, ISSN 0025 – 5289.		
2.	Uzelac, D., Bikić, S., Đurđević, M., Bordeasu, I., (2011). " Change in the Depth of Scratch on the Polyethylene Gas Pipe after Squeezing with the Squeeze - off Tool", <i>Plastice Materiale</i> , Volume 2011, Issue 1, pp. 12, ISSN 0025 – 5289.		
3.	Bukurov, M., Bikić, S., Prica, M., (2012). "Efficiency Rate of Steam-Water Injector, <i>Acta politechnica Hungarica</i> ", Volume 9, Issue 5, pp.109 – 126, ISSN 1785 – 8860.		
4.	Ružić, D., Bikić, S., (2013). "An approach to the modeling of a virtual thermal manikin", <i>Thermal Science 2013 OnLine-First Issue</i> 00, doi: 10.2298/TSCI130115115R.		
5.	Bikić, S., Bukurov, M., Todorovic, B., (2008). "Application of Nelder-Mead optimization algorithm in calibration of Thomson's weir", <i>Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Mechanics, Special Issue</i> , ISSN 1224-6077; Tom 53 (67), P. 3-11, The International Conference on Hydraulic Machinery and Equipments, Timisoara, Romania, Oct. 16-17, 2008.		
6.	Bikić, S., Bukurov, M., Marković, B., Pavkov, I., Radojčin, M., (2013). "Methodology for testing the hydraulic characteristics of flexible aluminum pipes", 3rd International conference sustainable postharvest and food technologies - Inoptep 2013, April 21st – 26th, Vrnjačka Banja, Serbia, pp.18 – 22, ISBN: 978-86-7520-267-7.		
7.	Bukurov, M., Bikić, S., Marković, B., Pavkov, I., Radojčin, M., (2013). "The impact of the storage period in the freezer on the rheological properties of quince puree", 3rd International conference sustainable postharvest and food technologies - Inoptep 2013, April 21st – 26th, Vrnjačka Banja, Serbia, pp. 24 – 28, ISBN: 978-86-7520-267-7.		
8.	Bukurov, M., Bikić, S., (2009). „Barge-train with driving units and commanding ship”, <i>Proc. of PSU-UNS, Inter. Conf. on Engineering Technologies, ICET 2009</i> , Novi Sad, April 28-30, 2009, pp 424-429, http://icet2009.ftn.ns.ac.yu .		
9.	Bikić, S., Bukurov, M., (2009). „Influence of air temperature to accuracy of flow measuring structures with long throat and ultra sound flow meter”, <i>Proc. of PSU-UNS, Inter. Conf. on Engineering Technologies, ICET 2009</i> , Novi Sad, April 28-30, 2009, pp. 412 - 417, http://icet2009.ftn.ns.ac.yu .		
10.	Bukurov, M., Bikić, S., Tasin, S., (2008). "Basics of thermodynamics cycle in steam-water injector mixing chamber", <i>The International Conference on Hydraulic Machinery and Equipments, Timisoara, Romania, Oct. 16-17, 2008, Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Mechanics, Special Issue, Tom 53 (67), pp. 57 - 64, ISSN 1224-6077.</i>		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		1	
Total of SCI(SSCI) list papers :		4	
Current projects :		Domestic :	1 International : 0



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Bogdanović Ž. Vesna	
Academic title:		Senior Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.12.1999	
Scientific or art field:		English	
Academic carieer	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	English
Magister thesis	2007	Faculty of Philosophy - Novi Sad	English
Bachelor's thesis	1999	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (I20) Information Systems Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Disaster Risk Management and Fire Safety	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
6.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
7.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
8.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
9.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies		
10.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
11.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
12.	EJEI1	English in Engineering 1	(IIF) Information and Financial Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
13.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
14.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
15.	SIT07	Engleski jezik 2	(S10) Softverske i informacione tehnologije (Novi Sad)(uneti naziv na engleskom), Undergraduate Professional Studies
16.	ASI431	English Language 2	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies
17.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
18.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
19.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004.		
2.	Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.		
3.	Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008		
4.	Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.		
5.	University of Novi Sad, Faculty of Technical Sciences, prevele: Marina Katić, Vesna Marković, Ivana Mirović, Fakultet tehničkih nauka, Novi Sad, 2004.		
6.	Mr Vesna Bogdanović, Pačvork romani Alis Voker i Toni Morison, Beograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9		
7.	Bogdanović Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 445-454		
8.	Mirović Ivana, Bogdanović Vesna, Ličen Branislava, Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 170-176		
9.	Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 329-332		
10.	Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 705-712		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Budinski Lj. Ljubomir	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.11.2013	
Scientific or art field:		Hydrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2013		Hydrotechnics
PhD thesis	2011		Technical and technology sciences
Magister thesis	2004		Technical and technology sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	URZP48	Fundamentals of Climatology and Hydrology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	Z514A	The Use, Protection and Management of Groundwater	(ZTF) Environmental engineering, Master Academic Studies
5.	MPK024	Wastewater Treatment Process Design	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
6.	GD016	Selected Chapters in Water Regulation and Protection	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Budinski, Ljubomir; Hovanj, Lajoš: "Modelsko ispitivanje nagnutog oštroičnog preliwa". – In: Arandjelović, Dragan (Glavni i odgovorni urednik): Zbornik radova sa 13. savetovanje Jugoslovenskog društva za hidraulička istraživanja. – Niš: Građevinsko-arhitektonski fakultet 2002, str.II-33–II-38		
2.	Fabian, Djula, Kolakovic, Srdjan, Gabric, Ognjen, Budinski, Ljubomir, (2008), INTEGRATED MANAGMENT OF SELECTED RIVER BASIN COMPLYING WITH EUROPIAN WATER FRAMEWORK DIRECTIVE, Monography, ACADEMY OF SCIENCES AND ARTS OF VOJVODINA, p. 33-85, Novi Sad. (M14		
3.	Kovačević, Zlatan, Budinski, Ljubomir, Ognjen, Gabrić, Aleksandar, Ostojić, Mileta, Bojović, (2009), "Definisanje plavnih zona usled rušenja brana u Alžiru", XV savetovanje Srpskog društva za hidraulička istraživanja - SDHI, Beograd, Srbija, 1-2 Oktobar		
4.	Kovačević, Zlatan, Budinski, Ljubomir, Ognjen, Gabrić, Aleksandar, Ostojić, Mileta, Bojović, (2009), "Definisanje plavnih zona usled rušenja brana u Alžiru", Vodoprivreda, Jul-Decembar, p. 127-136		
5.	Kovačević, Zlatan, Budinski, Ljubomir, Ognjen, Gabrić, Aleksandar, Ostojić, Mileta, Bojović, (2010), "Izrada hazard mapa u slučaju rušenja brana", Tehnika-naše građevinarstvo, vol. 64, br. 6, str. 1-9.		
6.	Budinski, L. and Spasojević, M. (2013), 2-D Modeling of Flow and Sediment Interaction – Sediment Mixtures, Journal of Waterway, Port, Coastal, and Ocean Engineering, 10.1061/(ASCE)WW.1943-5460.0000226 (Jul. 18, 2013).		
7.	Fabian, G., Budinski, Lj., (2012), "Horizontal Mixing in the Shallow Palic Lake Caused by Steady and Unsteady Winds", Environmental Modeling & Assessment, Volume 18, Issue 4, pp 427-438.		
8.	Fábián, G., Budinski, Lj., (2012), "A Palicsi-tó létfontartó áramlatai", 12. Vajdasági magyar tudóstalálkozó, Szabadka, április 21		
9.	Budinski, Lj., (2012), "Lattice Boltzmann method for 2D flows in curvilinear coordinates", Journal of Hydroinformatics, Vol 14, No 3, pp 772–783.		
10.	Budinski, Ljubomir, Spasojević, Miodrag, (2007), "MODELIRANJE RAVANSKOG STRUJANJA METODOM ETAPNOG REŠAVANJA ČLANOVA JEDNAČINA", Vodoprivreda, Januar-Jun, p. 23-30.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			
Total of SCI(SSCI) list papers :			
Current projects :		Domestic :	International :

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Crnojević S. Vladimir	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 10.11.1995	
Scientific or art field:		Telecommunications and Signal Processing	
Academic career	Year	Institution	Field
Academic title election:	2010		Telecommunications and Signal Processing
PhD thesis	2004	Faculty of Technical Sciences - Novi Sad	Telecommunications and Signal Processing
Magister thesis	1999	Faculty of Technical Sciences - Novi Sad	Telecommunications and Signal Processing
Bachelor's thesis	1995	Faculty of Technical Sciences - Novi Sad	Telecommunications and Signal Processing
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EK412	Shape Recognition	(BM0) Biomedical Engineering, Undergraduate Academic Studies
2.	EK421	Digital Image Processing	(F10) Engineering Animation, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	URZP32	Systems for Detection, Alarm and Warning	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	BM129A	Digital Image Processing	(BM0) Biomedical Engineering, Undergraduate Academic Studies
5.	E137	Basics of Telecommunications	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
6.	EK463	Pattern Recognition	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies
7.	ZP508	Design and Maintenance of the Fire Detection Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	DE511S	Wireless sensor networks	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
9.	EK520	Medical Image Processing	(OM1) Mathematics in Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
10.	EK522	Computer Vision (Digital Image Processing 2)	(F20) Engineering Animation, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
11.	H1420	Fundamentals in Mechanical Vision	(H00) Mechatronics, Master Academic Studies
12.	IMDS54	Computer Vision in Industrial Engineering and Management	(I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies
13.	DE311S	Selected topics in Pattern Recognition	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
14.	DE412S	Digital image processing algorithms	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
15.	DE511	Wireless Sensor Networks	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
16.	DE412	Digital Image Processing Algorithms	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
17.	DE311	Selected Chapters in Pattern Recognition	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Dejan Vukobratovic, Cedimir Stefanovic, Vladimir Crnojevic, Francesco Chiti, Romano Fantacci: "Rateless Packet Approach for Data Gathering in Wireless Sensor Networks", IEEE Journal on Selected Areas in Communications, Vol. 28, No. 7, pp. 1169-1179, September 2010.		
2.	Petrovic, N.I.; Crnojevic, V.: Universal Impulse Noise Filter Based on Genetic Programming, IEEE Transactions on Image Processing, 2008, Vol. 17, No. 7, str. 1109- 1120, ISSN 1057-7149		
3.	D. Culibrk, M. Mirkovic, V.Zlokolica, M. Pokric, V. crnojevic, D. Kukolj, "Salient Motion Features for Video Quality Assessment", IEEE Trans. on Image Processing, Volume: 20 Issue:4, pp(s): 948 - 958, ISSN: 1057-7149		
4.	Cedimir Stefanovic, Dejan Vukobratovic, Francesco Chiti, Lorenzo Niccolai, Vladimir Crnojevic, Romano Fantacci: "Urban Infrastructure-to-Vehicle Traffic Data Dissemination Using UEP Rateless Codes", IEEE Journal on Selected Areas in Communications, Vol. 29, No. 1, pp. 94-102, January 2011.		
5.	Vladimir Crnojević, Nemanja Petrović, „Impulse Noise Filtering Using Robust Pixel-Wise S-estimate of Variance“, EURASIP Journal on Advances in Signal Processing, vol. 2010, Article ID 830702, 10 pages, 2010,		
6.	V. Crnojević, V. Šenk, Ž. Trpovski, "Advanced Impulse Detection Based on Pixel-Wise MAD", IEEE Signal Processing Letters, vol.11, No. 7, 2004, str. 589-593. Crnojević, V. Šenk, Ž. Trpovski, "Advanced Impulse Detection Based on Pixel-Wise MAD", IEEE Signal Processing Letters, vol.11, No. 7, 2004, str. 589-593.		
7.	B. Antić, V. Crnojević, „Joint Domain-Range Modeling of Dynamic Scenes with Adaptive Kernel Bandwidth“, pp.777-788, LNCS 4678, Springer-Verlag, Berlin Heidelberg 2007.		
8.	N. Petrović, V. Crnojević, „Evolutionary Tree-Structured Filter for Impulse Noise Removal“, pp.103-113, LNCS 4179, Springer-Verlag, Berlin Heidelberg 2006.		
9.	N. Petrović, V. Crnojević, „Impulse Noise Detection Based on Robust Statistics and Genetic Programming“, pp.643-649, LNCS 3708, Springer-Verlag, Berlin Heidelberg 2005.		
10.	V. Crnojević, „Impulse Noise Filter With Adaptive Mad-Based Threshold“, International Conference on Image Processing, Genoa, Italy, 11-14. September, 2005.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		135	
Total of SCI(SSCI) list papers :		10	
Current projects :		Domestic :	3 International : 10

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Crnojević-Bengin B. Vesna	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 15.11.1998	
Scientific or art field:		Electronics	
Academic carier	Year	Institution	Field
Academic title election:	2011		Electronics
PhD thesis	2006	Faculty of Technical Sciences - Novi Sad	Electronics
Magister thesis	1997	School of Electrical Engineering - Beograd	Telecommunications and Signal Processing
Bachelor's thesis	1994	Faculty of Technical Sciences - Novi Sad	Telecommunications and Signal Processing
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E109	Software Lab	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
2.	EM440	Computer-Aided Electronic Circuit Design	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	ASO	Introduction to engineering	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies
4.	BMI107	Materials and fabrication technologies in medical devices	(BM0) Biomedical Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
5.	BMI108	RF and microwaves in medicine	(BM0) Biomedical Engineering, Undergraduate Academic Studies
6.	EK322	RF and microwave engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
7.	EK454	RF and microwave engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
8.	EM408A	RF and microwave electronics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
9.	EM420A	Modelling and simulation of RF and microwave circuits	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
10.	URZP32	Systems for Detection, Alarm and Warning	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
11.	M4001	Fundamentals of electronic systems	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
12.	ZP508	Design and Maintenance of the Fire Detection Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
13.	EM518A	Advanced simulation techniques of RF and microwave circuits	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
14.	EM515	Periodic Structures and Metamaterials	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
15.	SI022	Selected topics from microwave engineering	(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies
16.	SI034	Application of metamaterials in the microwave engineering	(E00) Power, Electronic and Telecommunication Engineering, Specialised Professional Studies
17.	DE102S	Microwave Technique 1	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
18.	DE500S	Microwave Technique 2	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
19.	DE102	Microwave Technique 1	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies
20.	DE500	Microwave Technique 2	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			

	UNIVERSITY OF NOVI SAD			
FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
Study Programme Accreditation				
UNDERGRADUATE ACADEMIC STUDIES		Disaster Risk Management and Fire Safety		
Representative references (minimum 5, not more than 10)				
1.	V. Crnojevic-Bengin, V. Radonic, and B. Jokanovic: Fractal Geometries of Split-Ring Resonators, IEEE Transactions of Microwave Theory and Techniques, Vol. 56, No. 10, pp. 2312-2321, October 2008.			
2.	B. Jokanovic, V. Crnojevic-Bengin, O. Boric-Lubecke, Miniature High Selectivity Filters Using Grounded Spiral Resonators, Electronics Letters, Vol. 44, No. 17, 14th August 2008			
3.	V. Radonić, V. Crnojević-Bengin, Super-compact stopband filter based on grounded patch resonator, Electronic letters, Vol. 46, No. 2, pp. 146-147, ISSN: 0013-5194, January 2010.			
4.	V. Crnojević-Bengin, V. Radonić, B. Jokanović, "Left-handed microstrip lines with multiple complementary split-ring and spiral resonators", MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, (2007), vol. 49, no.6, pp. 1391-1395			
5.	V. Crnojević-Bengin, "Compact 2D Hilbert microstrip resonators", MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, (2006) vol.48, no.2, pp. 270-273			
6.	V. Crnojević-Bengin, Đ. Budimir, "Novel 3-D Hilbert Microstip Resonators", MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, John Willey, vol. 46, no. 3, pp. 195-197, August 2005, ISSN: 0895-2477.			
7.	B. Jokanović, V. Crnojević-Bengin, "Novel left-handed transmission lines based on grounded spirals," Microwave and Optical Technology Letters, John Willey, Vol. 49, No. 10, oktobar 2007, pp. 2561-2567			
8.	V. Radonic, K.Palmer, G. Stojanovic and V.Crnojevic-Bengin, Flexible Sierpinski Carpet Fractal Antenna on a Hilbert Slot Patterned Ground, International Journal of Antennas and Propagation, Vol. 2012, Article ID 980916, doi:10.1155/2012/980916			
9.	Zemlyakov, Kirill; Crnojevic-Bengin, Vesna, Planar low-pass filters based on hilbert fractal, MICROWAVE AND OPTICAL TECHNOLOGY LETTERS 2012 54 (11):2577-2581			
10.	V. Radonić, K.D. Palmer and V. Crnojević-Bengin: "A dipole antenna design incorporating both electromagnetic bandgap and zero-refractive index metamaterials," METAMATERIALS, St. Petersburg, Russia, 17-22 September 2012			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		190		
Total of SCI(SSCI) list papers :		19		
Current projects :		Domestic :	2	International : 14

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Ćosić I. Đorđe	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.01.2007	
Scientific or art field:		Production Systems, Organization and Management	
Academic career	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
PhD thesis	2010	Faculty of Technical Sciences - Novi Sad	Engineering Management
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Bachelor's thesis	2001	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP46	Cycle Elements of Catastrophic Events	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP56	Fundamentals of Risk and Fire Protection Management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	IM1024	Risk Management and insurance	(I20) Engineering Management, Undergraduate Academic Studies
4.	S0I321	Insurance for traffic and transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
5.	IMDR0S	Selected chapters in enterprise's design, organization and control	(I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies
6.	OIR001	Basic insurance	(I20) Engineering Management, Specialised Professional Studies
7.	OIR002	Insurance risks	(I20) Engineering Management, Specialised Professional Studies
8.	IMDS75	Selected Topics in Risk Management and Insurance Management	(I22) Engineering Management, Specialised Academic Studies
9.	MPK009	Enviromental hazards	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
10.	IM2707	Methods for the analysis of insurance risk	(I20) Engineering Management, Master Academic Studies
11.	IM2714	Disaster risk management cycle	(I20) Engineering Management, Master Academic Studies
12.	Z510	Accidental Risk Management and the Environment	(OM1) Mathematics in Engineering, Master Academic Studies (Z01) Safety at Work, Master Academic Studies
13.	ZP512	Protection and Rescue Plans	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
14.	ZP501	Integrated Natural Disaster Risk Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
15.	IMDR75	Selected Topics in Risk Management and Insurance Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
16.	ZRD233	Selected topics in the field of insurance from the standpoint of safety and health at work	(Z01) Safety at Work, Doctoral Academic Studies
17.	IMDR0	Science of Industrial Engineering and Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Pečujlija M., Ćosić Đ.: An Orthodox Christian Reflection: Genetic Enhancement Must not be the Creation Primacy Problem between Man and God, The American Journal of Bioethics, 2010, Vol. 10, No 4, pp. 78-80, ISSN 1526-5161		
2.	Matić B., Matić D., Ćosić Đ., Sremac S., Tepić G., Ranitović P.: A model for the pavement temperature prediction at specified depth, Metalurgija, 2013, Vol. 52, No 4, pp. 505-509, ISSN 0543-5846, UDK: 62.001.57:536.5:625.144=1114		
3.	Tanackov I., Bogdanović V., Ćosić Đ., Lalić B.: Metastability - Markovian approach, UDK: Volume 52, Issue 4, 2013, Pages 573-576		

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
Study Programme Accreditation					
UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety		
Representative references (minimum 5, not more than 10)					
4.	Pečujlija M., Čosić Đ., Bojanić R., Radišić S., Ivanović G., Delić Z.: Employees' Attitudes Towards Company Privatization as Possible Predictors of a High Performance Working System, African Journal of Business Management, 2011, Vol. 5, No 3, pp. 1663-1672, ISSN 1993-8233				
5.	Čosić Đ., Popov S., Sakulski D., Frank A.: Geo-Information Technology for Disaster Risk Assessment, Acta Geotechnica Slovenica, 2011, Vol. 8, No 2011/1, pp. 64-74, ISSN 1854-0171				
6.	Pečujlija M., Azemovic N., Azemovic R., Čosić Đ.: Leadership and productivity in transition: employees view in Serbia, Journal for East European Management Studies, 2011, Vol. 16, No 3, pp. 251-263, ISSN 0949-6181				
7.	Njegomir V., Čosić Đ.: Ekonomske implikacije klimatskih promena na sektor osiguranja i reosiguranja, Teme, 2012, Vol. 36, No 2, pp. 679-701, ISSN 0353-7919				
8.	Sakulski D., Čosić Đ., Popov S.: Implementation of Innovative Technologies for Disaster Risk Reduction, 1. International Conference Natural Hazards, Novi Sad: University of Novi Sad, Faculty of Science, 5 Maj, 2012, pp. 15-16, ISBN 978-86-7031-276-0				
9.	Novaković T., Simić J., Popović Lj., Popov S., Velemir M., Čosić Đ., Sakulski D.: Subject „Disaster Risk Management“ - Spatial Context, 2. International Conference on Applied and Information Technologies, Zrenjanin: University of Novi Sad, Technical Faculty „Mihajlo Pupin“, 25 Oktobar, 2013, pp. 80-84, ISBN 978-86-7672-203-7, UDK: 37.01:004(082)				
10.	Popov S., Čosić Đ., Sakulski D., Velemir M.: MOGUĆNOST PRIMENE SATELITSKIH SNIMAKA ZA POTREBE KONTINUALNOG PRAĆENJA INDIKATORA HAZARDA NA TERITORIJI VOJVODINE, 19. YU INFO, Kopaonik: Društvo za informacione sisteme i računarske mreže, 3-6 Mart, 2013, pp. 173-177, ISBN 978-86-85525-11-7				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			0		
Total of SCI(SSCI) list papers :			6		
Current projects :			Domestic :	2	International : 1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Dragutinović D. Gordan	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		06.04.1980	
Scientific or art field:		Thermodynamics and Heat Transfer	
Academic career	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Thermodynamics and Heat Transfer
PhD thesis	1987	Faculty of Technical Sciences - Novi Sad	Thermal Energetics and Thermotechnics
Magister thesis	1983	Faculty of Mechanical Engineering - Beograd	Thermal Energetics and Thermotechnics
Bachelor's thesis	1977	Faculty of Technical Sciences - Novi Sad	Thermal Energetics and Thermotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M203	Fundamentals of Thermodynamics	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
2.	M203L	Fundamentals in Thermodynamics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
3.	M210	Thermodynamics	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
4.	M215	Fundamentals of Heat Transfer	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
5.	URZP31	Fundamentals of Thermodynamics with Heat Transfer	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	M3507	Combustion technology	(M30) Energy and Process Engineering, Undergraduate Academic Studies
7.	M3508	Mass Transfer	(M30) Energy and Process Engineering, Master Academic Studies (M40) Technical Mechanics and Technical Design, Master Academic Studies
8.	GS013	Special topics of building physics and thermodynamics	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
9.	DM307	Selected Chapters in Mass Transfer	(M00) Mechanical Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Dragutinovic, G.D., Baclic, B.S. "Operation of Counterflow Regenerators", Book Vol. 4 in Series "Developments in Heat Transfer", Computational Mechanics Publications, Southampton, 1998.		
2.	Baclic, B.S. and Dragutinovic, G.D., "Asymmetric-unbalanced Counterflow Thermal Regenerator Problem: Solution by the Galerkin Method and meaning of dimensional Parameters, Int. J. Heat Mass Transfer, Vol.34, No. 2, 1991, pp. 483-498.		
3.	Dragutinovic, G.D., Baclic, B.S., "Interpolation and collocation methods for prediction of thermal regenerator performances", Thermal Science, Vol. 12, No. 4, 1996. pp. 307-327.		
4.	Baclic, B.S., Heggs, P.J., and Dragutinovic, G.D., "Prediction of the Effectiveness of Unbalanced - Asymmetric Counterflow Regenerators", Publications of the Faculty of Technical Sciences, Vol. 15, 1984, pp. 1-15, University of Novi Sad.		



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	<h3 style="text-align: center;">Study Programme Accreditation</h3> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
5.	Bacic, B.S., Gvozdenac, D.D., and Dragutinovic, G.D., "Easy way to calculate the Amzelius-Schumann J function", Thermal Science, Vol. 1, No. 1, 1997, pp. 109-116.		
6.	Dragutinović, D.G., Dimić, M., Sinteza optimalnih mreža toplotnih razmenjivača, Termotehnika, 1, 1998.		
7.	Bašić, Đ., Petrović, J., Marić, M., Dragutinović, G., i dr., Mogućnost korišćenja energetskog potencijala geotermalnih voda u Vojvodini, Novi Sad, Prometej, 2009		
8.	Martinov, M., Dragutinović, G., i dr., Mogućnost kombinovane proizvodnje električne i toplotne energije iz biomase u AP Vojvodini, Novi Sad, PSEMR AP Vojvodina, 2008		
9.	Nedeljkov, M., Dragutinović, G., Mathematical Simulation od Deep-Bed Drying of Grains - A numerical simulation, CHISA, Prag, avgust 1987		
10.	Nedeljkov, M., Dragutinović, G., Mogućnosti i uslovi racionalizacije procesa konvektivnog sušenja zrnastih poljoprivrednih proizvoda, 7. simpozijum termičara, Ohrid, maj 1984.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		11	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	2
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Đaković D. Damir	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.12.2001	
Scientific or art field:		Process Technics	
Academic carieer	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Process Technics
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Process Technics
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Process Technics
Bachelor's thesis	2001	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M119	Energy Transformations	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
2.	M3303	Fundamentals of Process Engineering	(M30) Energy and Process Engineering, Undergraduate Academic Studies
3.	M3315	Fundamentals in Ecological Oil Analysis and Gas Industry	(M30) Energy and Process Engineering, Undergraduate Academic Studies
4.	M3501	Refrigeration Devices	(M30) Energy and Process Engineering, Undergraduate Academic Studies
5.	URZP54	Devices in the Process Industry	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z306A	Process Engineering	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	Z412A	Pollution Reduction Technologies	(ZF0) Environmental Engineering, Undergraduate Academic Studies
8.	E2313	Fundamentals of Process and Energy Engineering	(E20) Computing and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
9.	M3031	Engineering Calculations of Energy Technologies Apparatus and Equipment	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
10.	M3041	Cogeneration facilities	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
11.	I079	Modern Energy Technologies	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
12.	I915	Energy Transformations	(M30) Energy and Process Engineering, Master Academic Studies
13.	M3506	Drying Technique	(M30) Energy and Process Engineering, Master Academic Studies
14.	M3508	Mass Transfer	(M30) Energy and Process Engineering, Master Academic Studies (M40) Technical Mechanics and Technical Design, Master Academic Studies
15.	M3511	Diffusion apparatus	(M30) Energy and Process Engineering, Master Academic Studies
16.	M3599	Energy efficient separation process	(M30) Energy and Process Engineering, Master Academic Studies
17.	DM307	Selected Chapters in Mass Transfer	(M00) Mechanical Engineering, Doctoral Academic Studies
18.	DM313	Process Kinetics	(M00) Mechanical Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Đaković D.: Comments on 'Water sorption isotherms and thermodynamic properties of pearl millet grain', International Journal of Food Science and Technology, 2012, Vol. 47, No. 2, pp. 441-441, ISSN: 0950-5423.		
2.	Spasojevic, M. D., Jankovic M.R., Djakovic D.D.: A New Approach to Entropy Production Minimization in Diabatic Distillation Column with Trays, Thermal Science, 2010, Vol. 14, No. 2, pp. 317-328, ISSN: 0354-9836.		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety			
Representative references (minimum 5, not more than 10)				
3.	Djuric, S. N., Stanojevic, P. C., Djakovic, D. D., Jovovic, A. M.: The Study on the Effect of Fractional Composition and Ash Particle Diameter on the Ash Collection Efficiency at the Electrostatic Precipitator, Chemical Industry & Chemical Engineering Quarterly, 2010, Vol. 16, No. 3, pp. 229-236, ISSN: 1451-9372.			
4.	Anđelković A., Cvjetković T., Đaković D., Stojanović I.: Development of Simple Calculation Model for Energy Performance of Double Skin Façades, Thermal Science, 2012, Vol. 16, No Suppl 1, pp. 251-267, ISSN 0354-9836.			
5.	Čenejac A., Bjelaković R., Anđelković A., Đaković D.: Covering of Heating Load of Object by Using ground heat as a Renewable Energy Source, Thermal Science, 2012, Vol. 16, No Suppl 1, pp. 225-235, ISSN 0354-9836			
6.	Đaković D, Vujić G, Bašić Đ, Dimić M. "Several models of grain drying theory – principles and obstacles", PSU-UNS International Conference on Engineering and Environment - ICEE-2007, Phuket, Thailand: Prince of Songkla University, Faculty of Engineering, 10-11 May, 2007, pp. 614- 617			
7.	Đaković D, Dimić M. "Poređenje nekih jednačina konvektivnog sušenja zrnastih materijala u nepokretnom tankom sloju", Zbornik apstrakata, ISBN 86-80587-70-2, s. 62, CD ISBN 978-86-80-587-80-6, 13. Simpozijum termičara Srbije, Sokobanja, Srbija, 16.10.-19.10.2007.			
8.	Đaković D, Spasojević M, Štrbac D, Dimić M. "Primena eksergijske analize na proces sušenja kukuruza u tankom sloju", PTEP, 12(4), 233-235, 2008			
9.	Đaković D, Dimić M, Spasojević M, Štrbac D, "Possibility of exergy analysis application on drying process", 4th International Conference on Engineering Technologies, ICET 2009, 28-30th April, 2009, ISBN: 978-86-7892-161-2, pp. 376-380, Novi Sad, Serbia			
10.	Đaković D, Dimić M. "Pregled pristupa modelovanju fenomena prenosa u sušarama sa kombinovanim tokovima", PTEP , 13(3), 283-287, 2009			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		0		
Total of SCI(SSCI) list papers :		5		
Current projects :		Domestic :	2	International : 1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Đogo B. Mitar	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 05.12.1986	
Scientific or art field:		Geotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Geotechnics
PhD thesis	1996	Faculty of Technical Sciences - Novi Sad	Geotechnics
Magister thesis	1992	Faculty of Technical Sciences - Novi Sad	Geotechnics
Bachelor's thesis	1986	Faculty of Technical Sciences - Novi Sad	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A309	Soil Mechanics and Foundations	(A00) Architecture, Undergraduate Academic Studies
2.	GG24	Soil Mechanics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG32	Foundation	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI505	Advanced Techniques in Geodetic Design and Monitoring	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	GP404	Geotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
6.	URZP18	Stability of terrain	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP58	Earthquake Impact on Civil Engineering Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	MPK017	Fundamentals of Geosciences	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
9.	GP504	Tunnels	(OM1) Mathematics in Engineering, Master Academic Studies (G00) Civil Engineering, Master Academic Studies
10.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
11.	GD002	Selected Chapters in Foundation	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Uplift test results of piles. 9 th Danube European Conference on Soil Mechanics and Found. Eng., pp.158-163, Budapest. Milovic, D., Djogo, M., (1990)		
2.	Settlement of circular foundation of any rigidity. 10 th European Conference on Soil Mechanics and Found. Eng., pp. 497-500, Firenze. Milovic, D., Djogo, M., (1991)		
3.	Stresses and settlements of circular foundation of any rigidity. 13 th Canadian congress of applied mechanics, pp. 257-258, Manitoba. Milovic, D., Djogo, M., (1991)		
4.	Rectangular raft of any rigidity on the layer of limited thickness. XIVth International Conference on Soil Mechanics & Foundation Engineering, pp. 857-858, Milovic, D. Djogo, M. Hamburg., (1997)		
5.	A pile loaded by horizontal force and moment – theoretical and field load test results. Proceedings of the 16 th International Conference on Soil Mechanics and Geotechnical Engineering, Vol. 4, pp. 2023-2026, Osaka. Milovic, D., Djogo, M., (2005)		
6.	Greške u fundiranju. Monografija. Fakultet tehničkih nauka, str. 1-438, Novi Sad. Milović, D., Đogo, M., (2005)		
7.	Đogo, M., Vasić, M., (2011): Landslide in the area of the bridge on the Danube in Novi Sad. Proceedings of the ICE - Geotechnical Engineering, Volume 164, Issue 1, pp. 3-10, Thomas Telford, London. ISSN: 1353-2618, E-ISSN: 1751-8563, DOI: 10.1680/geng.2011.164.1.3		
8.	Đogo, M., Vasić, M., Čosić, M., (2011): Engineering geological evaluation of the conditions for constructing a bridge and a tunnel in the zone of the old Petrovaradin Fortress. Bulletin of Engineering Geology & the Environment, Volume 70, Number 1, pp. 139-142, Springer, Berlin. ISSN: 1435-9529, E-ISSN: 1435-9537, DOI: 10.1007/s10064-010-0292-0		
9.	Milović, D., Đogo, M., (2009): Analysis of piled raft foundation. Materials and structures 3-4. pp. 3-20, Beograd.		
10.	Milović, D., Đogo, M., (2009): Problemi interakcije tlo - temelj - konstrukcija. Monografija. SANU - Ogranak u Novom Sadu, str. 1-428, Novi Sad.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		7	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	2 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Gak M. Dragana	
Academic title:		Senior Foreign Language Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		16.09.2009	
Scientific or art field:		English	
Academic carieer	Year	Institution	Field
Academic title election:	2013	University of Novi Sad - Novi Sad	English
Magister thesis	2010	Faculty of Philosophy - Novi Sad	English and American Literature
Bachelor's thesis	2000	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (IZ0) Information Systems Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies



		UNIVERSITY OF NOVI SAD		
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		Study Programme Accreditation		
		UNDERGRADUATE ACADEMIC STUDIES	Disaster Risk Management and Fire Safety	
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type	
4.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
5.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies	
6.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
7.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies	
8.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
9.	EJE1	English in Engineering 1	(IIF) Information and Financial Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
10.	EJE2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
11.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
12.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
Study Programme Accreditation					
UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	EJSE1	Engleski jezik - viši(uneti naziv na engleskom)	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
14.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
15.	SIT07	Engleski jezik 2	(SI0) Softverske i informacione tehnologije (Novi Sad)(uneti naziv na engleskom), Undergraduate Professional Studies		
16.	ASI381	English language 1	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies		
17.	ASI431	English Language 2	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies		
18.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
19.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies		
20.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012				
2.	Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009.				
3.	Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str.329-333, Beograd, 2009.				
4.	Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010				
5.	Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011.				
6.	Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011.				
7.	Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodčki vidici, Filozofski fakultet Novi Sad, str.78-82, Novi Sad, 2011.				
8.	Gak Dragana, Questionnaire - an Instrument for Collecting Valuable Data from Teachers of Business English Courses, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012				
9.	Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			0		
Total of SCI(SSCI) list papers :			0		
Current projects :			Domestic :	0	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Gilezan K. Silvia	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.04.1984	
Scientific or art field:		Mathematics	
Academic career	Year	Institution	Field
Academic title election:	2005	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	1993	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	1988	Faculty of Mathematics - Beograd	Mathematical Sciences
Bachelor's thesis	1981	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GH404	Mathematical Statistics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	IAM003	Formal Mathematical Models	(F10) Engineering Animation, Undergraduate Academic Studies
3.	S011	Mathematics 1	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	Z203	Statistical Methods	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	IM1012	Probability and Statistics	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
6.	IFE230	Mathematical Logic	(IIF) Information and Financial Engineering, Undergraduate Academic Studies
7.	SD0M06	Logic in Computer Science	(GI0) Geodesy and Geomatics, Specialised Academic Studies
8.	GM404	Matematička statistika(uneti naziv na engleskom)	(G00) Civil Engineering, Master Academic Studies
9.	OM506	Introduction to Semantics of Programming Languages	(IF2) Financial Engineering, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies
10.	OM507	Selected Topics in Logic	(OM1) Mathematics in Engineering, Master Academic Studies
11.	OM513	Introduction to Interactive Theorem Provers	(IF2) Financial Engineering, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies
12.	DZ01MS	Selected Chapters in Mathematics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies
13.	D0M05	Semantics of Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies
14.	D0M06	Logic in Computer Science	(OM1) Mathematics in Engineering, Doctoral Academic Studies



		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
15.	D0M11	Models of Computation	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
16.	D0M12	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
17.	D0M13	Theory of Mobile Processes	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
18.	D0M14	Process Algebra	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
19.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
20.	AID05	Theory of Mobile Processes	(F20) Engineering Animation, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	"Inhabitation in lambda calculus with intersection and union types", Journal of Logic and Computation 6 (1993) 671-685, Oxford University Press				
2.	"Characterizing strong normalization in the Curien-Herbelin symmetric lambda calculus: extending the Coppo-Dezani heritage, (sa D.Dougherty, P.Lescanne) Theoretical Computer Science 2007				
3.	"Separating Points by Parallel Hyperplanes " (sa J. Pantovic, J. Zunic), IEEE Transactions of Neural Networks 18(5) (2007) 1356-1363				
4.	"Lambda terms for natural deduction, sequent calculus and cut elimination" (sa H.P.Barendregt), Journal of Functional Programming, 10 (2000) 121-134.				
5.	"Confluence of untyped lambda calculus via simple types" (with V.Kuncak), ICTCS'01, Lecture Notes in Computer Science 2201, 38-49.				
6.	"Full intersection types and topologies in lambda calculus", Journal of Computer and System Sciences, 62 (2001) 1-14.				
7.	"Behavioural inverse limit lambda models" (sa M. Dezani-Ciancaglini, S. Likavec), Theoretical Computer Science Vol 316/1-3 (2004) 49-74.				
8.	"Strong normalization of the classical sequent calculus" (sa D. Dougherty, P. Lescanne, S.Likavec), Lecture Notes in Computer Science 3835 (2005) 169-183.				
9.	"Security types for dynamic web data" (sa M.Dezani-Ciancaglini, J. Pantovic), Trustworthy Global Computing, TGC'06, Lecture Notes in Computer Science 4661 (2007) 263-280.				
10.	Zbirka rešenih zadataka iz statistike (sa Z.Lužanin, Z.Ovcin, Lj.Nedović, T.Grbić, B.Mihailović) 2005				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			325		
Total of SCI(SSCI) list papers :			17		
Current projects :			Domestic :	2	International : 4

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Glavardanov B. Valentin	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 17.05.1990	
Scientific or art field:		Deformable Body Mechanics	
Academic carieer	Year	Institution	Field
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
PhD thesis	1997	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
Magister thesis	1995	Faculty of Mathematics - Beograd	Deformable Body Mechanics
Bachelor's thesis	1989	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F107	Technical Mechanics	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	H202	Strength of materials	(H00) Mechatronics, Undergraduate Academic Studies
3.	M204	Strength of Materials	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
4.	M2412	Theory of Elasticity	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
5.	M4304	Advanced strength of materials	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
6.	M4306	Similarity and dimensional methods	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
7.	M4401	Continuum mechanics	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
8.	URZP14	Fundamentals of Mechanical Engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	BMI128	Continuum Biomechanics	(BM0) Biomedical Engineering, Undergraduate Academic Studies
10.	II1004	Mechanics and Industrial Engineering	(I10) Industrial Engineering, Undergraduate Academic Studies
11.	M45991	Biomechanics of cardiovascular system	(M40) Technical Mechanics and Technical Design, Master Academic Studies
12.	M4504	Thermal Elasticity	(M40) Technical Mechanics and Technical Design, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies
13.	FDS143	Selected Chapters in Technical Mechanics	(F00) Graphic Engineering and Design, Doctoral Academic Studies
14.	DM402	Selected Chapters in Elasticity Theory	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies
15.	DM404	Selected Chapters in Mechanics of Continuum	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies
16.	DZ003	Selected Chapters in Mechanics	(M00) Mechanical Engineering, Doctoral Academic Studies
17.	ZRD16A	Selected chapters in mechanics and elasticity theory	(Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Spasic D.T., Glavardanov B.V.: Stability of a rigid sphere supported by a thin elastic column, European Journal of Mechanics A-Solids, vol. 15, No 2, pp 337-350,1996		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h3 style="text-align: center;">Study Programme Accreditation</h3> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
2.	Atanackovic M.T., Glavardanov B.V.: Twisted axially loaded rod with shear and compressibility, Acta Mechanica, vol.119, pp 119-130, 1996		
3.	V. B. Glavardanov and T. M. Atanackovic, Stability of a pipe through which a string is pulled. Int. J. Non-Linear Mechanics 35, 7–20 (2000).		
4.	V. B. Glavardanov and T. M. Atanackovic, Optimal shape of a twisted compressed rod. European Journal of Mechanics A-Solids, 20, 795–809 (2001).		
5.	T. M. Atanackovic, V. B. Glavardanov, Buckling of a twisted and compressed rod. International Journal of Solids and Structures, 39, 2987-2999 (2002)		
6.	R.B. Maretić, V. B. Glavardanov, Stability of a Rotating Heated Circular Plate With Elastic Edge Support, Journal of Applied Mechanics-Transaction of the ASME, 71, 896-899, (2004)		
7.	Valentin Glavardanov: Zbirka rešenih zadataka iz teorije elastičnosti, FTN, Novi Sad, 2003.		
8.	T.M. Atanacković, V.B. Glavardanov: "Optimal shape of a heavy compressed column", Structural and Multidisciplinary Optimization, 28, 388-396, (2004)		
9.	R. Maretic, V. Glavardanov and V. Mitic, Vibration and Stability of a Heavy and Heated Vertical Circular Plate, International Journal of Structural Stability and Dynamics, vol 10, No 5, 1111-1121, 2010		
10.	Glavardanov V, Maretic R, Stability of a twisted and compressed clamped rod, Acta Mechanica, 202, 17-33, 2009		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		2	
Total of SCI(SSCI) list papers :		14	
Current projects :		Domestic :	International :
		1	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Grbić P. Tatjana	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.12.1995	
Scientific or art field:		Mathematics	
Academic career	Year	Institution	Field
Academic title election:	2014		Mathematics
PhD thesis	2008	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	1999	Faculty of Sciences - Novi Sad	Mathematical Sciences
Bachelor's thesis	1993	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E135	Probability, Statistics and Stochastic Processes	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
2.	GI303B	Probability and Mathematical Statistics	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
3.	S017	Mathematics 2	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	Z203	Statistical Methods	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	IA002	Mathematical Analysis	(F10) Engineering Animation, Undergraduate Academic Studies
6.	S01361	Business decision making	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
7.	SDOM30	Probability, Statistics and Theory of Engineering Experiment	(Z00) Environmental Engineering, Specialised Academic Studies
8.	AID06	Graph theory	(F20) Engineering Animation, Doctoral Academic Studies
9.	D0M07	Mathematical Foundations of Fuzzy Systems	(OM1) Mathematics in Engineering, Doctoral Academic Studies
10.	D0M50	Fuzzy Measures and Integrals	(OM1) Mathematics in Engineering, Doctoral Academic Studies
11.	D0M51	Large Deviations Principles	(OM1) Mathematics in Engineering, Doctoral Academic Studies
12.	D0M52	Random Sets	(OM1) Mathematics in Engineering, Doctoral Academic Studies
13.	D0M53	Statistical Processing of Fuzzy Data	(OM1) Mathematics in Engineering, Doctoral Academic Studies
14.	DOM30	Probability, Statistics and Theory of Engineering Experiment	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
15.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Ralević, N.M., Nedović, Lj., Grbić, T., : "The pseudo-linear superposition principle for nonlinear partial differential equations and representation of their solution by the pseudo-integral", Fuzzy sets and systems, 2005, No.155, 89-101				
2.	Nedović, Lj., Ralević, N. M., Grbić, T.,: " Large deviation principle with generated pseudo measures", Fuzzy sets and systems, 2005, No. 105, 65-76				
3.	Štajner-Papuga, I., Grbić, T., Dankova, M., "Pseud-Riemann-Stieltjes integral ", Information Sciences 179, 2009, 2923-2933				
4.	M. Štrboja, T. Grbić, I. Štajner-Papuga, G. Grujić, S. Medić, Jensen and Chebyshev inequalities for pseudo-integrals of set-valued functions, FSS, doi:10.101016/j.fss.2012.07.011				
5.	Grbić, T., Pap, E., : "Generalization Of Portamnteau theorem with respect to the pseudo-weak convergence of random closed sets", Theory of Probability and its Applications, 2009, 97-115				
6.	T. Grbić, I. Štajner-Papuga, M. Štrboja, an approach to pseudo-integration of set-valued functions, Information Sciences 181 (2011), 2278-2292				
7.	T. Grbić, S. Medić, I. Štajner-Papuga, T. Došenović, Inequalities of Jensen and Chebyshev type for interval-valued measures based on pseudo-integrals. In: Intelligent Systems: Models and Applications, E. Pap, Ed., Springer-Verlag, pp 23-41, DOI:10.1007/978-3-642-33959-2_2				
8.	Štajner-Papuga, I., Grbić, T., Dankova, M., "Riemann-Stieltjes type integral based on generated pseudo-operations", NS J. Mathe., Vol. 36, No. 2, 111-124				
9.	Nedović, Lj., Grbić, T., "The pseudo-probability", Journal of Electrical Engineering, 2002, Vol. 53, No. 12/s, 27-30				
10.	Mihailović, B., Nedović, T., Grbić, T., "The induced Sugeno integral-based operator w.r.t. bi-fuzzy measures", Journal of Electrical engineering, Vol. 54, No. 12/s, 76-79				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			17		
Total of SCI(SSCI) list papers :			6		
Current projects :			Domestic :	2	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Hodolić J. Janko	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 06.12.1974	
Scientific or art field:		Metrology, Quality, Fixtures and Ecological-Engineering Aspects	
Academic career	Year	Institution	Field
Academic title election:	1997	Faculty of Technical Sciences - Novi Sad	Metrology, Quality, Fixtures and Ecological-Engineering Aspects
PhD thesis	1989	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
Magister thesis	1979	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
Bachelor's thesis	1974	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	P209	Measurements and Quality	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
2.	P2617	Planning Methods and Experiment Processing	(P00) Production Engineering, Undergraduate Academic Studies
3.	P302	Tools for Cutting Processing	(P00) Production Engineering, Undergraduate Academic Studies
4.	P306	Fixtures	(P00) Production Engineering, Undergraduate Academic Studies
5.	URZP15	Work safety during interventions	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z301	Pollution Measurement and Control	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
7.	ZR320	Experimental Analysys of Safety and Health on Workplace	(Z01) Safety at Work, Undergraduate Academic Studies
8.	ZRI441	Material handling systems for environmental and labor protection	(Z01) Safety at Work, Undergraduate Academic Studies
9.	IA018	3D Digitalization Methods	(F10) Engineering Animation, Undergraduate Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies
10.	P1502A	Tribology	(P00) Production Engineering, Undergraduate Academic Studies
11.	P1502B	Contemporary Tools in CIM Systems	(PM0) Production Engineering, Master Academic Studies
12.	ZRMI2A	Product safety and user/consumer protection	(Z01) Safety at Work, Master Academic Studies
13.	P1409	Material Control Systems and CAI	(PM0) Production Engineering, Master Academic Studies
14.	PIP16	Plastics and environmental protection	(PM0) Production Engineering, Master Academic Studies
15.	PLIS1	Logistics and Simulation in Technologies of Plastics Processing	(PM0) Production Engineering, Master Academic Studies
16.	SDOM30	Probability, Statistics and Theory of Engineering Experiment	(Z00) Environmental Engineering, Specialised Academic Studies
17.	ZRD211	Sustainable design and product safety	(Z01) Safety at Work, Doctoral Academic Studies
18.	DM421	Design and Expoitation of Metal Cutting Machine Tools	(M00) Mechanical Engineering, Doctoral Academic Studies
19.	DOM30	Probability, Statistics and Theory of Engineering Experiment	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies
20.	DP001	Design and Research Methods in Production Engineering	(M00) Mechanical Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p>				
<h2 style="margin: 0;">Study Programme Accreditation</h2>					
<p>UNDERGRADUATE ACADEMIC STUDIES</p>		<p>Disaster Risk Management and Fire Safety</p>			
<p>Representative references (minimum 5, not more than 10)</p>					
1.	Budak I., Vukelić Đ., Bračun D., Hodolić J., Soković M.: Pre-Processing of Point-Data from Contact and Optical 3D Digitization Sensors, Sensors, 2012, Vol. 12, No 1, pp. 1100-1126, ISSN 1424-8220				
2.	Bešić I., Van Gestel N., Kruth J., Bleys P., Hodolić J.: Accuracy improvement of laser line scanning for feature measurements on CMM, Optics and Lasers in Engineering, 2011, Vol. 49, No 11, pp. 1274-1280, ISSN 0143-8166				
3.	Matin I., Hadžistević M., Hodolić J., Vukelić Đ., Lukić D.: A CAD/CAE Integrated Injection Mold Design System for Plastic Products, International Journal of Advanced Manufacturing Technology, 2012, Vol. 63, No. 5-8, pp. 595-607, ISSN 0268-3768				
4.	Jakovljević Ž., Petrović P., Hodolić J.: Contact states recognition in robotic part mating based on support vector machines, International Journal of Advanced Manufacturing Technology, 2012, Vol. 59, No 1-4, pp. 377-395, ISSN 0268-3768				
5.	Mrkajić V., Stamenković M., Maleš M., Vukelić Đ., Hodolić J.: Proposal for reducing problems of the air pollution and noise in the urban environment, Carpathian Journal of Earth and Environmental Sciences, 2010, Vol. 5, No 1, pp. 49-56, ISSN 1842-4090				
6.	Vukelić Đ., Zuperl U., Hodolić J.: Complex system for fixture selection, modification, and design, International Journal of Advanced Manufacturing Technology, 2009, Vol. 45, No 7-8, pp. 731-748, ISSN 0268-3768				
7.	Budak I., Hodolić J., Soković M.: Development of a programme system for data-point pre-processing in Reverse Engineering, Journal of Materials Processing Technology, 2005, Vol. 162, pp. 730-735, ISSN 0924-0136				
8.	Agarski B., Budak I., Kosec B., Hodolić J.: An Approach to Multi-criteria Environmental Evaluation with Multiple Weight Assignment, Environmental Modeling & Assessment, 2012, Vol. 17, No 3, pp. 255-266, ISSN 1420-2026.				
9.	Trifković B., Budak I., Todorović A., Hodolić J., Puškar T., Jevremović D., Vukelić Đ.: Application of Replica Technique and SEM in Accuracy Measurement of Ceramic Crowns, Measurement Science Review, 2012, Vol. 12, No 3, pp. 90-97, ISSN 1335-8871.				
10.	Agarski B., Kljajin M., Budak I., Tadić B., Vukelić Đ., Bosak M., Hodolić J.: Application of multi-criteria assessment in evaluation of motor vehicles' environmental performances, Tehnički vjesnik/Technical Gazette, 2012, Vol. 19, No 2, pp. 221-226, ISSN 1330-3651.				
<p>Summary data for teacher's scientific or art and professional activity:</p>					
Quotation total :		42			
Total of SCI(SSCI) list papers :		22			
Current projects :		Domestic :	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">3</td> <td style="width: 50%; text-align: center;">International : 6</td> </tr> </table>	3	International : 6
3	International : 6				

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Ivanišević V. Andrea	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.10.2005	
Scientific or art field:		Production Systems, Organization and Management	
Academic career	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Magister thesis	2008	Faculty of Technical Sciences - Novi Sad	Engineering Management
Bachelor's thesis	2005	Faculty of Economics - Subotica	Economic Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	S002A	Economics	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
2.	II1047	Analysis and calculation of production costs	(I10) Industrial Engineering, Undergraduate Academic Studies
3.	IM1004	Principles of economics	(I20) Engineering Management, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	IM1014	Company Economics	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
5.	IM1047	Planning and enterprises performance analysis	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM1422	Managing the cost of production	(I20) Engineering Management, Undergraduate Academic Studies
7.	IM2415	Investment Environment	(I20) Engineering Management, Master Academic Studies
8.	IM2417	Managing individual property	(I20) Engineering Management, Master Academic Studies
9.	IM2421	Manage the budget for development investment	(I20) Engineering Management, Master Academic Studies
10.	IMDS88	Planning and implementing cost structure of the investment cycle	(I22) Engineering Management, Specialised Academic Studies
11.	IMDR88	Planning and implementing cost structure of the investment cycle	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Leković B., Ivanišević A., Marić B., Demko-Rihter J.: ASSESSMENT OF THE MOST SIGNIFICANT IMPACTS OF ENVIRONMENT ON THE CHANGES IN COMPANY COST STRUCTURE, Economic Research, 2013		
2.	Milovanović Z.N., Knežević D., Ivanišević A., Jovanović M., Mitrović S.: ECONOMICAL EVALUATION OF THE PROJECT ON REPLACEMENT OF HEATING PLANT WITH CO-GENERATION HEAT AND POWER PLANT BY THE END OF 2030., Metalurgia International, 2013, No.4		
3.	Marić B., Ivanišević A.: THE EFFECT OF PERMANENT WORKING CAPITAL ON THE QUALITY OF INVESTMENT PROJECTS, Metalurgia International, 2013		
4.	Marić B., Ivanišević A., Mitrović S., Sreto A., Mihailo R.: Analysis of internal rate of return on investments: Dynamic and static approach, African Journal of Business Management, 2011, Vol. 5, No 8, pp. 3269-3273, ISSN 1993-8233		
5.	Katić I, Ivanišević A., Penezić N., Lalić G., Tasić N.: EFFECTS OF FATIGUE TO OPERATIONAL PRODUCTIVITY WITH EMPLOYEES, Metalurgia International, 2013		
6.	Mitrović S., Milisavljević S., Ćosić I., Leković B., Grubić-Nešić L., Ivanišević A.: Change in leadership styles in a transitional economy: A serbian case study, African Journal of Business Management, 2011, Vol. 5, No 9, pp. 3563-3569, ISSN 1993-8233		
7.	Alpar Lošonc, Andrea Ivanišević, Slavica Mitrović „ Globalizacija-rešenja i dileme“ Monografija, Fakultet tehničkih nauka, Novi Sad, 2009. (ISBN 978-86-7892-207-7, COBISS.SR-ID 244134407. (1-263)		
8.	Lošonc (Losoncz) A., Ivanišević A., Mitrović S.: Strukturalna kriza: forme i uzroci, Novi Sad, Fakultet tehničkih nauka, , 2012, str. 1-232, ISBN 978-86-7892-375-3, UDK: 268964871		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety			
Representative references (minimum 5, not more than 10)				
9.	Razvoj sistema za planiranje praćenje i uskalđivanje ključnih segmenata poslovanja industrijskog distema u skladu sa promena u okruženju, Fakultet tehničkih nauka Novi Sad, 2011			
10.	Ivanišević A., Lošonc (Losoncz) A.: Kontekstualiziranje dinamike kapitalizma u Srbiji, Novi Sad, Univerzitet u Novom Sadu, Filozofski fakultet Novi Sad, 2012, str. 126-143, ISBN 978-86-6065-136-7			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		0		
Total of SCI(SSCI) list papers :		6		
Current projects :		Domestic :	3	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Jakšić D. Željko	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.10.1989	
Scientific or art field:		Building Engineering - Construction and Architectural Constructions	
Academic career	Year	Institution	Field
Academic title election:	2013		Building Engineering - Construction and Architectural Constructions
PhD thesis	2007	Faculty of Technical Sciences - Novi Sad	Architecture
Magister thesis	1996	Faculty of Architecture - Beograd	Architecture
Bachelor's thesis	1988	Faculty of Architecture - Beograd	Architecture
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG16	Building Engineering 2	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG31	Technology and Building Organization 1	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG405	Finishing Operations and Installation in Facilities	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP24	Fundamentals of Technical Documentation Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	Z202A	Building and Environment	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
6.	Z423A	Natural Building Materials	(ZF0) Environmental Engineering, Undergraduate Academic Studies
7.	A403	Architectural technology 2	(A00) Architecture, Undergraduate Academic Studies
8.	GG37	Basics of design in civil engineering structures	(G00) Civil Engineering, Undergraduate Academic Studies
9.	ZR302A	Safety at work in construction	(Z01) Safety at Work, Undergraduate Academic Studies
10.	ZR143A	Management of safety at work process in construction	(Z01) Safety at Work, Undergraduate Academic Studies
11.	ZP514	Planning and organizing activities during events with catastrophic consequences	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Transformacija vojvođanske kuće u tip gradskog stana, Arhitektonski fakultet Beograd, 1996., Beograd		
2.	The Protection of the Residential Function in the Inherited Urban Matrix, International Conference "Architecture - urbanism at the turn of the third millenium, Faculty of Architecture University of Belgrade, Volume 1, Belgrade, November 1996, pp. 213-219.		
3.	Integration of the Habitation Function - Residence Surroundings at a Neighbourhood Unit Level, International Conference "Architecture - urbanism at the turn of the third millenium, Faculty of Architecture University of Belgrade, Volume 1, Belgrade, November 1996, pp. 529 - 535.		
4.	The relationship between traditional heritage and contemporary housing practice - a study, Regional conference CIB-63: "Affordable housing within iNDIS'97", 12-14 Novembar 1997., Novi Sad, Yugoslavia, pp. 67-73.		
5.	Architectural and Constructive-Technological Solutions for Balconies and Loggies in Yugoslav Industrialized Systems, 1-st International congress on Balcony 1998, IBK, Proceedings, Berlin, S. 11/1 - S. 11/13.		
6.	Rekonstrukcija panelnih zgrada osavremenjavanjem fasada i balkona, INDIS 2000, "Industrijsko građenje", Zbornik radova, Knjiga I, Novi Sad, str. 57 - 62 (editori R. Folić i S. Vuković).		
7.	Earth used in structuring - low energy buildings, Proceedings, Via Expo - International congress on energy, Sofia, Bulgaria.		
8.	Accessibility leveles of participants in the process of modelling residential environment, INDIS 2006, 10th National and 4th Internacional scientific meeting, Proceedings, Novi Sad, pp. 295 - 302 (editors R. Folić i V. Radonjanin, M. Trivunić).		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	1 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Jocanović T. Mitar	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 15.03.1999	
Scientific or art field:		Quality, Effectiveness and Logistics	
Academic carieer	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Quality, Effectiveness and Logistics
PhD thesis	2010	Faculty of Technical Sciences - Novi Sad	Quality, Effectiveness and Logistics
Magister thesis	2006	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
Bachelor's thesis	1999	Faculty of Technical Sciences - Novi Sad	Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	H310	Components of technological systems	(H00) Mechatronics, Undergraduate Academic Studies
2.	URZP17	Devices and systems in fire protection	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP40	Stationary Systems for Fire Extinguishing	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP45	Mobile Equipment and Fire Extinguishing Equipment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	II1011	Automation of work processes 1	(I10) Industrial Engineering, Undergraduate Academic Studies
6.	II1038	Automation of work processes 2	(I10) Industrial Engineering, Undergraduate Academic Studies
7.	II1050	TRIBOLOGY AND LUBRICATION	(I10) Industrial Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies
8.	IM1008	Processes and Work Equipment	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
9.	IMDS58	Selected Chapters in Hydraulic Systems	(I12) Industrial Engineering, Specialised Academic Studies
10.	IMDS95	Trends in Customer Relationship Management	(I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies
11.	IMDS74	Selected Topics in Quality Management and Logistics	(I22) Engineering Management, Specialised Academic Studies
12.	ZP507	Design and Maintenance of Stationary Fire Extinguishing Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
13.	IMDR58	Selected Chapters in Hydraulic Systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
14.	IMDR94	Trends in the environmental management systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
15.	IMDR95	Trends in Customer Relationship Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
16.	IMDR74	Selected Topics in Quality Management and Logistics	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	V. Savić, D. Knežević, D. Lovrec, M. Jocanović, Velibor Karanović: Determination of Pressure Losses in Hydraulic Pipeline Systems by Considering Temperature and Pressuer, Strožnik Vestnik-Journal of Mechanical Engineering, 2009, Vol. 55, No. 4, str.237-243, UDK: 621.643, ISSN 0039-2480		
2.	M. Jocanović, D. Šević, V. Karanović, I. Beker, S. Dudić: Increased efficiency of hydraulic systems through reliability theory and monitoring of system operating parameters,Strojnik Vestnik-Journal of Mechanical Engineering, 2012, Vol. 58, No. 4, str.281-288, UDK: 621.643, ISSN 0039-2480		
3.	Z.Milovanović, D. Knežević,A. Ivanišević, M. Jocanović, S. Mitrović:ECONOMICAL EVALUATION OF THE PROJECT ON REPLACEMENT OF HEATING PLANT WITH CO-GENERATION HEAT AND POWER PLANT BY THE END OF 2030 , Metalurgia International, 2013, No4,		



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p>			
<h2 style="margin: 0;">Study Programme Accreditation</h2>				
<p>UNDERGRADUATE ACADEMIC STUDIES</p>		<p>Disaster Risk Management and Fire Safety</p>		
<p>Representative references (minimum 5, not more than 10)</p>				
4.	<p>V.Karanović, M.Jocanović, V.Jovanović: Review of Development Stages in the Conceptual Design of an Electro-Hydraulic Actuator for Robotics, Acta Polytechnica Hungarica, 2014, Vol. 11, No. 5, pp. 59-79, UDK: 621.643, ISSN 1785-8860</p>			
5.	<p>Knežević D., Milovanović Z., Milašinović A., Jocanović M.: Determination of the Flow Rate Through Long Radial Clearances Inside Hydraulic Components, Engineering and Automation Problems, International Journal, 2012, Vol. 1, No 2, pp. 23-31, ISSN 0234-6206, UDK: 532</p>			
6.	<p>V.Savić, M.Jocanović, D.Jurišić: Motorna ulja - o uljima za podmazivanje motora sa unutrašnjim sagorevanjem, IKOS, Novi Sad, 2006.</p>			
7.	<p>M.Jocanović, V.Karanović, A.Ivanišević, D.Knežević: HYDRAULIC HAMMER EXCAVATOR FAILURE DUE TO SOLID PARTICLE CONTAMINATION, Military Technical Courier, 2014, Vol.62, No. 1, pp.112-129, UDC:623+355/359, ISSN 0042-8469, COBISS. SR-ID 4423938, DOI:10.5937/vojtehg62-4676</p>			
8.	<p>Savić V., Karanović V., Jocanović M., Knežević D.: Pressure drop in hydraulic pipeline system - Identification of real basis for calculation of mineral hydraulic oil flow, Fluidna tehnika, 2009, Vol. 5, pp. 133-148, ISSN 0353-6114, 5. Fluid Power, Maribor: Mašinski fakultet univerziteta u Mariboru, 17-18 Septembar, 2009, pp. 133-148, ISBN 978-961-248-176-6, UDK: 621.51/.54(063)(082)</p>			
9.	<p>Jocanović M., Dušan B., Karanović V., Geaverts R.: Industrial Application of Automatic Lubrication Systems, 6. Fluid Power, Maribor: Univerzitet v Maribor, Fakultet za strojništvo, 15-16 Septembar, 2011, pp. 409-418, ISBN 978-961-248-290-9, UDK: 621.51/54 (082), 681.523 (082)</p>			
10.	<p>Jocanović M., Karanović V., Knežević D.: APPLICATION OF GEAR REDUCER OILS IN FOOD PROCESSING INDUSTRY, 11. International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology - DEMI, Banja Luka: University of Banja Luka, faculty of Mechanical Engineering, 30-1 Maj, 2013, pp. 999-1004, ISBN 978-99938-39-45-301, UDK: 621.3(048), 621(048), 004(048)</p>			
<p>Summary data for teacher's scientific or art and professional activity:</p>				
Quotation total :	2			
Total of SCI(SSCI) list papers :	2			
Current projects :	Domestic :	2	International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Juhas T. Anamarija	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.11.1990	
Scientific or art field:		Theoretical Electrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Theoretical Electrotechnics
PhD thesis	2009	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
Magister thesis	1994	School of Electrical Engineering - Beograd	Electrical and Computer Engineering
Bachelor's thesis	1990	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EE300	Electromagnetics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
2.	I087	Electrical Engineering in Industrial Engineering	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
3.	M112	Electrical Engineering and Electric Machines	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	Z107	Electrical Engineering, Environment and Protection	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
5.	ETI26	RF and microwave technique	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
6.	II1007	Fundamental electrical engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	URZP12	Introduction to electrical engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	URZP55	Fire and Explosion Protection due to Electricity	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	EE543	Electro Magnetic Energy	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
10.	DE208S	Selected Chapters on Electromagnetic Compatibility	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
11.	DE408S	Selected chapters inl electromagnetics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
12.	DE208	Selected Chapters on Electromagnetic Compatibility	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
13.	DE408	Selected Chapters in Electromagnetics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	A. Juhas, L. A. Novak, "Comments on "Class-E, Class-C, and Class-F power amplifier based upon a finite number of harmonics", IEEE Transactions of Microwave Theory and Techniques, vol. 57, no. 6, pp. 1623-1625, June 2009. ISSN 0018-9480.		
2.	Anamarija Juhas and Ladislav A. Novak, "Maximally Flat Waveforms with Finite Number of Harmonics in Class-F Power Amplifiers," Mathematical Problems in Engineering, vol. 2013, Article ID 169590, 9 pages, 2013.		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h3 style="text-align: center;">Study Programme Accreditation</h3> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
3.	A. Juhas, L. A. Novak, S. Kostić, "Signals with Flattened Extrema in Balance Power Analysis of HFHPTA: Theory and Applications", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.38-45, 2001. ISSN 0018-9316		
4.	S. Kostić, L. A. Novak, A. Juhas, "Increasing Efficiency and Output Power of HFHPTA by Injection of Two Harmonics", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.32-37, 2001. ISSN 0018-9316		
5.	D. Herceg, A. Juhas, M. Milutinov, "A design of a four square coil system for a biomagnetic experiment," Facta universitatis - series: Electronics and Energetics, 2009, Vol. 22, No 3, pp. 285-292. ISSN 0353-3670		
6.	L. A. Novak, A. Juhas, "O broju maksimuma u dvočlanim složenoperiodičnim funkcijama: krive katastrofa", Elektrotehnika, br. 1-2, pp. E7-E10, 1994.		
7.	A. Juhas, M. Milutinov, M. Prša, "Magnetic field of multi-line power system", Scientific bulletin of the "Politehnica" University of Timisoara, Proceedings of the 7th Int. Power Systems Conf., Timisoara, Romania, 22-23 Nov. 2007, Tom 52, pp. 319-328. ISSN 1582-7194.		
8.	M. Milutinov, A. Juhas, M. Prša, "Electric and magnetic field in vicinity of overhead multi-line power system", Acta Electrotehnica, Proceedings of the 2nd Int. Conf. on Modern Power Systems MPS 2008, Cluj-Napoca, Romania, 12-14 Nov. 2008, pp. 313-316. ISSN 1841-3323.		
9.	A. Juhas, M. Milutinov, N. Pekarić-Nadž, "Iskustva u primeni nacionalnih pravilnika o nejonizujućim zračenjima", Telekomunikacije, No 7, pp. 70-77, 2011. ISSN 1820-7782		
10.	A. Juhas, M. Milutinov, D. Herceg, M. Prša, N. Pekarić-Nadž, "Uređaj za generisanje homogenog magnetskog polja kontrolisanog intenziteta za potrebe biomagnetskih ekspreimenata", Tehničko rešenje, decembar 2010.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		5	
Total of SCI(SSCI) list papers :		4	
Current projects :		Domestic :	1
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Kiurski S. Jelena	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.12.2001	
Scientific or art field:		Graphic Engineering and Design	
Academic carier	Year	Institution	Field
Academic title election:	2011	Faculty of Technical Sciences - Novi Sad	Graphic Engineering and Design
PhD thesis	1997	Faculty of Technology - Novi Sad	Physical Chemistry Science
Magister thesis	1981	Faculty of Technology - Novi Sad	Physical Chemistry Science
Bachelor's thesis	1974	Faculty of Technology - Novi Sad	Chemist Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F103	Chemistry in Graphic Engineering	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	F302	Chemigraphy	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
3.	Z600	Chemical Phenomena in Engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	F409	Graphic Environment	(F00) Graphic Engineering and Design, Master Academic Studies
5.	FDS12	Selected Chapters in Chemistry	(F00) Graphic Engineering and Design, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	J.Janjić, J.Kiurski, "Nonflame Atomic Fluorescence as a Method for Mercury Traces Determination", Water Research, 28(1), 233-235 (1994)		
2.	J.Janjić, Lj.Čonkić, J.Kiurski, J.Benak, "A Method for Arsenic Level Determination an a Device for Arsenic Elimination from Drinking Water", Water Research, 31(3), 419-428 (1997)		
3.	J.Kiurski, D.Ž.Obadović, R.Marinković-Nedućin, E.Kiš, "Spinel-Type Structure of Co in Conditions of HDS Catalysts Aging", Polyhedron, 18(5), 741-747 (1999)		
4.	J.S. Kiurski, J.G. Ranogajec, A.L.Ujhelji, M.M.Radeka, M.T.Bokorov, "Evaluation of the effect of lichens on ceramic roofing tiles by scanning electron microscopy and energy-dispersive spectroscopy analyses", Scanning, 27, 113-119 (2005)		
5.	M.Radeka, J.Ranogajec, J.Kiurski, S.Markov, R.Marinkovic-Neducin," Influence of lichen biocorrosion on the quality of ceramic roofing tiles", Journal of the European Ceramic Society 27 (2007) 1763-1766		
6.	E.Kiš, R.Marinković-Nedućin, G.Lomić, G.Bošković, D.Ž.Obadović, J.Kiurski, P.Putanov, Structural and Textural Properties of the NiO-Al ₂ O ₃ Catalyst", Polyhedron, 17(1), 27-34 (1998)		
7.	D.Ž.Obadović, J.Kiurski, R.Marinković-Nedućin, Electronic States of Ni(II) in Spinel-Type Structure", Polyhedron, 15(20), 3631-3634 (1996)		
8.	J.S.Kiurski, D.Ž.Obadović, R.M.Marinković-Nedućin,"Energies of electronic states of promoter ions in hydrodesulfurization catalysts",React.Kinet.Catal.Lett., Vol.82, No.1, 41-47 (2004)		
9.	JS Kiurski, DŽ Obadović, EE Kiš, RP Marinković-Nedućin, "Electronic states of Mn(II) in the kaolinite nanostructure", React.Kinet.Catal.Lett., Vol.84,No.2, 359-366 (2005)		
10.	R.D.Mičić, R.P. Marinković-Nedućin, Z.Schay, I.Nagy, J.S. Kiurski, E.E.Kiss, «Influence of the activation temperature on structural and textural properties of NiMo/Al ₂ O ₃ hydrodesulfurization catalysts», React.Kinet.Catal.Lett. 91(1), 85-92 (2007)		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		54	
Total of SCI(SSCI) list papers :		30	
Current projects :		Domestic :	1 International : 1

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety	
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Science, arts and professional qualifications



Name and last name:		Kolaković R. Srđan	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.09.2002	
Scientific or art field:		Hydrotechnics	
Academic carier	Year	Institution	Field
Academic title election:	2003	Faculty of Technical Sciences - Novi Sad	Hydrotechnics
Magister thesis	1998	Faculty of Civil Engineering - Beograd	Hydrotechnics
PhD thesis	1993	Faculty of Civil Engineering Subotica - Subotica	Hydrotechnics
Bachelor's thesis	1982	Faculty of Civil Engineering Subotica - Subotica	Hydrotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GH406	Hydrotechnical Ameliorations	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI308A	Fundamentals in Civil Engineering	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	URZP59	Flood Defense Measures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z210	Fundamentals of Water Protection	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
7.	Z417A	Water Treatment Methods and Technologies	(ZF0) Environmental Engineering, Undergraduate Academic Studies
8.	MPK028	Hydrotechnical objects and systems	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
9.	MPK029	Hidraulika podzemnih voda	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
10.	GH505	Framework Directives E3 (WDF)	(G00) Civil Engineering, Master Academic Studies
11.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
12.	DGI002	Selected Chapters in Engineering Geodesy	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
13.	DGI019	Selected Chapters in Municipal Information Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
14.	GD006	Selected Chapters in Hydraulics	(G00) Civil Engineering, Doctoral Academic Studies
15.	GD016	Selected Chapters in Water Regulation and Protection	(G00) Civil Engineering, Doctoral Academic Studies
16.	GD026	Selected Chapters in Hydro-informatics	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Trajkovic, S., Kolakovic, S.: Evolution of Reference Evapotranspiration Equations under Humid Conditions, Wather Resources Mangement, 2009, vol. 23 br. 14, str. 3057-3067 UDK: doi: 10.1007/s11269-009-9423-4		
2.	Trajkovic, S., Kolakovic, S.: Comparison of Simplified Pan-Based Equations for Estimating Reference Evapotranspiration, Journal of Irrigation and Drainage Engineering, American Society of Civil Engineers (ASCE), 136(2), 137-140, 2010., ISSN 0733-9437		
3.	Trajkovic S., Kolakovic S., Estimating Reference Evapotranspiration Using Limited Weather Data, Journal of Irrigation and Drainage Engineering -ASCE, Vol. 135, Number 4. str. 443-449 ISSN 0733-9437, 2009.		
4.	Trajkovic S., Kolakovic S., Wind-adjusted Turc equation for estimating reference evapotranspiration at humid European locations, Hidrology Research (formerly Nordic Hidrology), 2009, Vol. 40, No. 1, str. 45- 52, ISSN 0029-1277.		
5.	Stipic M., Prodanovic D., Kolakovic S., Rationalization and reliability improvement of fire fighting systems in big cities, Urban Water, 008, vol. 6 br. 2, str. 169-181, ISSN 1462-0758.		
6.	Kolakovic S., Stevanovic D., Miličević D., Trajković S., Milenković S., Kolaković S.S., Anđelković Lj.: EFFECTS OF REACTIVE FILTERS BASED ON MODIFIED ZEOLITE IN DAIRY INDUSTRY WASTEWATER TREATMENT PROCESS, Chemical Industry & Chemical Engineering Quarterly, DOI:10.2298/CICEQ120629092K		
7.	HIDROTEHNIČKE MELIORACIJE – ODVODNJAVANJE (dopunjeno izdanje sa zadacima i CD diskom sa softverom za proračun ETP) , autori: Srđan Kolaković i Slaviša Trajković, Edicija "Tehničke nauke", Fakultet tehničkih nauka – Novi Sad i Građevinsko-arhitektonski fakultet u Nišu (zajednički udžbenik na dva fakulteta), ISBN 186-789-002-5, 626.86(075.8) 335 strana.		
8.	O PRELIVIMA UZ NASUTE BRANE, (monografija) , G.Hajdin, S.Kolaković, L.Hovanj, Đ.Fabian, Građevinski fakultet - Subotica, 1998., ISBNi 86-80297-22-4Naučna knjiga i monografija nacionalnog značaja		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>				
Representative references (minimum 5, not more than 10)					
9.	PUBLIC OPINION SURVEY AS A FORM OF PUBLIC PARTICIPATION IN THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE-LESKOVAC FIELD IRRIGATION, FACTA UNIVERSITAS, SERIES:ARCHITECTURE AND CIVIL ENGINEERING, 3 (2), 173-184, 2005, 14, Trajković, S., Kolaković, S., Injatović, M.				
10.	Kolakovic S., Fabian Đ., Santrac P.; STATE OF CHANNEL BEGA 300 YEARS AFTERWARD ITS COMPLETION, Workshop on the Bega Channel, Subotica 19-21 october 2001				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :				0	
Total of SCI(SSCI) list papers :				6	
Current projects :				Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 3 </div>

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Kozmidis-Petrović F. Ana	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.09.1975	
Scientific or art field:		Physics	
Academic carier	Year	Institution	Field
Academic title election:	1997	Faculty of Technical Sciences - Novi Sad	Physics
PhD thesis	1984	Faculty of Sciences - Novi Sad	Physics
Magister thesis	1980	Faculty of Mathematics - Beograd	Physical Science
Bachelor's thesis	1972	Faculty of Sciences - Novi Sad	Physical Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E103	Physics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	GG06	Civil Engineering Physics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	M101	Technical Physics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	Z450	Characterization of recyclable materials	(ZF0) Environmental Engineering, Undergraduate Academic Studies
5.	ZR440	Influence of radiation on health and occupational safety	(Z01) Safety at Work, Undergraduate Academic Studies
6.	ZC008	Technical physics	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	SZD017	Solid Materials in the Environment	(Z00) Environmental Engineering, Specialised Academic Studies
8.	DZ01FS	Selected Chapters in Physics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES			Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
9.	DZ01F	Selected Chapters in Physics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
10.	FDS141	Selected Chapters in Colour Management	(F00) Graphic Engineering and Design, Doctoral Academic Studies		
11.	ZD017	Solid Materials in the Environment	(Z00) Environmental Engineering, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	D. M. Petrović, A. F. Petrović, V. M. Leovac, S. R. Lukić: Thermal decomposition of Cu(II) complexes with salicylaldehyde S-methylthiosemicarbazone, Journal of Thermal Analysis, 42, 1165-1170, 1994.				
2.	S.R. Lukić, D. M. Petrović, A. F. Petrović, F. Skuban, I.I. Turyanitsa: Tendency towards crystallization of Ge-As-Te system glasses, Journal of Materials Science Lett., 15,.				
3.	A. F. Petrović, S. R. Lukić, D. M. Petrović, E. Z. Ivegeš, V. M. Leovac: Metal complex with pyrazole derived ligands. Part IV. Thermal decomposition of Cobalt(II) complexes with 3(5)-amino-4-acetyl 5(3) methylpyrazole, Journal of Thermal Analysis, 47, 879-886,				
4.	S. R. Lukić, D. M. Petrović, A. F. Petrović: Effect of copper on conductivity of amorphous AsSe ₂ , Journal of Non-Crystalline Solids, 241, 74-77, 1998.				
5.	S. R. Lukić, V. M. Leovac, A. F. Petrović, S. J. Skuban, V. I. Češljević, M. M. Garić: Metal Complexes with Pyrazole-derived Ligands. XIII. Synthesis and Thermal Studies of Zn(II) Complexes with 3-amino-4-acetyl-5-methylpyrazole, Synth.React.Inorg. Met.-Org.Chem.,2002				
6.	S. R. Lukić, S. J. Skuban, D. M. Petrović, A. F. Petrović, M. Garić, Characteristics of complex non-crystalline chalcogenides from the Ge-As-S-Se-I system, Journal of Optoelectronics & Advanced Materials, 6(3), 755-768, 2004.				
7.	A. F. Petrović, S.R. Lukić, D.D. Štrbac: Critical rate of cooling glassy melts under conditions of continuous nucleation. The application to some chalcogenide glasses, Journal of Optoelectronics & Advanced Materials, 6(4) 1167-1177, 2004.				
8.	S. R. Lukić, D. M. Petrović, Ž. N. Cvejić, A F. Petrović, F. Skuban: Thermally-induced Structural Changes in Copper-containing Chalcogenide Thin Films, Journal of Optoelectronics & Advanced Materials, 3(2), 337-340, 2001.				
9.	S.R. Lukić, D.M. Petrović, G.R.Štrbac, A.F.Petrović, M Šiljegović : Effect of sulfur atom substitute with selenium on stability of glassy Ge ₂₀ As ₁₄ SxSe _{52-x} 14, Journal of Physics and Chemistry of Solids 66, 1683-1686 (2005)				
10.	A.F.Kozmidis-Petrovic, G.R.Strbac, D.D.Strbac, Kinetics of non-isothermal crystallization of chalcogenide, J.Non-Cyst.Solids, 2014–2019, 353(2007)2014				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			153		
Total of SCI(SSCI) list papers :			25		
Current projects :			Domestic :	1	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Kuzmanović D. Bogdan	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Production Systems, Organization and Management	
Academic carier	Year	Institution	Field
Academic title election:	2012		Production Systems, Organization and Management
PhD thesis	2005	Faculty of Technical Sciences - Novi Sad	Mechatronics, Robotics and Automation and Intelligent Systems
Magister thesis	1997	Faculty of Economics - Subotica	Economics
Bachelor's thesis	1993	Faculty of Economics - Subotica	Economics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP33	Role and Importance of Prevention in Risk Reduction	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP60	Risk Analysis Methods	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	IM1713	Non-life insurance management	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1716	Prevetion in insurance	(I20) Engineering Management, Undergraduate Academic Studies
5.	URZP80	Basic principals of insurance	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	OIR002	Insurance risks	(I20) Engineering Management, Specialised Professional Studies
7.	OIR007	Informacioni sistemi u osiguranju	(I20) Engineering Management, Specialised Professional Studies
8.	OIR008	Preventivne mere u osiguranju	(I20) Engineering Management, Specialised Professional Studies
9.	SZP003	Selected Chapters in Applied Management	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
Representative references (minimum 5, not more than 10)			
1.	Kuzmanović, B., "THE EFFECT OF CONTEMPORARY BUSINESS TECHNOLOGIES ON BUSINESS PROCESSES IN INURANCE INDUSTRY", Zbornik radova VI međunarodnog savetovanja na sajmu informatike Novi Sad, Novi Sad, 1998. (R54)		
2.	Kuzmanović, B., Stankovski, S., „INTELIGENTNA PODRŠKA I EDI TEHNOLOGIJA U OSIGURANJU“, Zbornik radova međunarodno stručnog skupa, INFOTEH, Jahorina, 25-27 Mart 2005. (R54)		
3.	Kuzmanović, B., Miloradić, J., „Problem osiguranja u poljoprivredi sa posebnim osvrtom na stočarstvo“, Zbornik radova sa međunarodnog skupa: Stočarstvo, veterina i agroekonomija u tranzicionim procesima, 19.-24. jun, Herceg Novi, 2005.		
4.	Kuzmanović B.: Performanse i strategija uvođenja strategijskog partnerstva u vlasništvo – osvrt na „DDOR Novi Sad“, Kopaonik Biznis forum, 2006.		
5.	Kuzmanović, B., "Primena EDI tehnologije u osiguranju i reosiguraju" Zbornik radova V savetovaja na sajmu informatike Novi Sad - Menadžerstvo u upravljanju preduzećem i kvalitetom ISO-9000, Novi Sad, 1997. (R73)		
6.	Kuzmanović, B., "Uticaj EDI tehnologije na poslovne procese u osiguranju", Zbornik radova, YU INFO "98, Kopaonik, 1998. (R73)		
7.	Kuzmanović, B., "Opasne materije - proizvodnja, transport i upotreba - bezbednost i osiguranje", Zbornik radova savetovanja, Aranđelovac, oktobar 2002. (R73)		
8.	Kuzmanović, B., „KONKURENCIJA NA TRŽIŠTU OSIGURANJA“, Zbornik radova, Kopaonik-Biznis forum 2005, Kopaonik, 1-3 mart, 2005. (R73)		
9.	Kuzmanović, B., "INTELIGENTNI SISTEMI U OSIGURANJU", Zbornik radova skupa, Niš 25, Maj 2005. (R73)		
10.	Kuzmanović B.: Performanse i strategija uvođenja strategijskog partnerstva u vlasništvo – osvrt na „DDOR Novi Sad“, Kopaonik Biznis forum, 2005.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			
Total of SCI(SSCI) list papers :			
Current projects :		Domestic :	International :

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Laban Đ. Mirjana	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.04.2013	
Scientific or art field:		Materials in Civil Engineering, Condition Assessment and Construction	
Academic career	Year	Institution	Field
Academic title election:	2013		Materials in Civil Engineering, Condition Assessment and Construction Sanation
PhD thesis	2012	Faculty of Technical Sciences - Novi Sad	Architectural-Urbanistic Planning, Design and Theory
Magister thesis	2005	Faculty of Technical Sciences - Novi Sad	Architecture
Bachelor's thesis	1992	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP21	Risk Management and Sustainable Settlement Development	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP24	Fundamentals of Technical Documentation Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP41	Disasters and Vulnerability	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	ZP503	Fire Protection Planning and Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	ZP505	Fire Safety Engineering Design of Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	ZP512	Protection and Rescue Plans	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	IM2718	Fire Risk Management in Industry	(OM1) Mathematics in Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
9.	ZCM06	Security of strategic energy facilities	(ZC0) Clean Energy Technologies, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Laban M., Folić R.: Energy efficiency of industrially made buildings influenced by thermal properties of façades, Thermal Science, 2012, ISSN 0354-9836, UDK: DOI:10.2298/TSC120417147L, http://www.doiserbia.nb.rs/issue.aspx?issueid=1644		
2.	Milanko V., Laban M., Gavanski D.: Analiza uticaja uslova skladištenja na očuvanje kvaliteta zrna soje i sprečavanje procesa samozagrevanja i pojave požara, "Hemijska industrija", 2012, Vol. 66, No 4, pp. 587-594, UDK: 633.34:631.24		
3.	Folić R., Laban M., Milanko V.: Reliability and sustainability analysis of large panel residential buildings in Sofia, Skopje and Novi Sad, Facta universitatis - series: Architecture and Civil Engineering, 2011, Vol. 9, No 1, pp. 161-176, ISSN 0354-4605, UDK: UDC 728.2(497.223)(497.17)(497.113)=111		
4.	Laban M., Folić B., Dražić J.: Fire safety assessment of enclosed residential blocks, 8. Assessment, maintenance and rehabilitation of structures and settlements, Borsko jezero: Savez građevinskih inženjera Srbije u saradnji sa Institutom IMS, Beograd i Rudarsko-topioničarski basen Bor, 14-16 Maj, 2013, pp. 405-412, ISBN 978-86-88877-03-7		
5.	Laban M., Folić R.: Conceptual analysis of residential buildings' facades applied in industrial building systems in Novi Sad, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara, 19-21 Oktobar, 2011, pp. 311-318, ISBN ISBN 978-86-8715-02-		
6.	*****Laban M., Folić R.: Obnova omotača prefabrikovanih višespratnih stambenih zgrada		
7.	Milanko V., Laban M.: Požarna bezbednost građevinskih objekata, 13. Konferencija Savremena građevinska praksa, Andrevlje, 17-18 Maj, 2012, pp. 221-234, ISBN 078-86-7892-376-0		
8.	Laban M.: Kontrola kvaliteta prefabrikovanih betonskih fasadnih elemenata nakon višegodišnje eksploatacije, Materijali i konstrukcije, 2006, Vol. 1, pp. 3-19, ISSN 0543-0798, UDK: UDK: 692.23:624.012.3536 = 861		
9.	Milanko V., Laban M.: Procena požarne bezbednosti gradskih stambenih blokova u odnosu na prilazne puteve, 1. Međunarodna konferencija zaštita od požara i eksplozija, Novi Sad, 21-22 Oktobar, 2010, pp. 173-179		
10.	Milanko V., Laban M., Folić B.: Ocena arhitektonsko-konstruktivnog koncepta požarnih stepeništa u funkciji požarne bezbednosti visokih stambenih zgrada, 6. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Divčibare, 19-21 Maj, 2009, pp. 601-608, ISBN ISBN 978-86-904089-6		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		0		
Total of SCI(SSCI) list papers :		2		
Current projects :		Domestic :	0	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Lađinović Ž. Đorđe	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 17.11.1980	
Scientific or art field:		Theory of Construction	
Academic carieer	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Theory of Construction
PhD thesis	2002	Faculty of Technical Sciences - Novi Sad	Theory of Construction
Magister thesis	1995	Faculty of Technical Sciences - Novi Sad	Theory of Construction
Bachelor's thesis	1980	Faculty of Technical Sciences - Novi Sad	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG22	Structural Analysis 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG26	Structural Analysis 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	URZP58	Earthquake Impact on Civil Engineering Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	GG530	Seismic Analysis of Engineering Structures	(G00) Civil Engineering, Master Academic Studies
5.	GG502	Seismic Analysis of Structures	(G00) Civil Engineering, Master Academic Studies
6.	GG516	Nonlinear Analysis of Structures	(G00) Civil Engineering, Master Academic Studies
7.	GG522	Design of Tall Buildings	(G00) Civil Engineering, Master Academic Studies
8.	GD008	Contemporary Methods in Concrete Structure Design	(G00) Civil Engineering, Doctoral Academic Studies
9.	GD013	Earthquake Engineering	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Folić R., Lađinović Đ.: Three dimensional analysis of tall buildings subjected to earthquake loading. Facta Universitatis – Architecture and Civil Engineering, Vol. 1, No 2 (ISSN 0354-4605), 1995, pp. 153 -166.		
2.	Folić R., Alendar V., Lađinović Đ.: EC8 - Design of Earthquake Resistant Structure. MASE, 7-th International Symposium, Ohrid, Republic of Macedonia, October 2-4, 1997, Volume 1, General reports, pp. VR14/1-12.		
3.	Lađinović Đ., Nenadić G., Đukić Lj.: Varadinska duga – dinamička analiza glavne mostovske konstrukcije. Časopis "Izgradnja" br. 4, Beograd, april 2001., str. 117-124.		
4.	Lađinović Đ., Folić R.: Seismic analysis of building structures using damage spectra. International Conference in Earthquake Engineering SE 40EEE, Skopje, 26 – 29 August 2003, CD-ROM – Paper Reference 0067, pp. 1-8.		
5.	Lađinović Đ., Folić R.: Non-linear analysis of multi-storey building structures by using equivalent SDOF model. Bulletin for Applied Mathematics, BAM-2080/2003 (CIII), Technical University of Budapest, 2003., pp. 495-502.		
6.	Lađinović Đ., Folić R.: Analiza konstrukcija zgrada na zamljotresna dejstva. Časopis "Materijali i konstrukcije" br. 3-4, JUDIMK, Beograd, 2004, str. 31-64.		
7.	Lađinović Đ.: Statika konstrukcija 1. Fakultet tehničkih nauka Novi Sad, 2007		
8.	Lađinović Đ.: Savremene metode seizmičke analize konstrukcija zgrada. Materijali i konstrukcije (ISSN 0543-0798), 2008, Vol. 51 (2), str. 25-40.		
9.	Lađinović Đ., Radujković A., Rašeta A.: Seismic Performance Assessment Based On Damage Of Structures – Part 1: Theory. Facta Universitatis - series: Architecture and Civil Engineering (ISSN 0354-4605), Vol. 9, No 1, 2011, pp. 77-88.		
10.	Lađinović Đ.: Estimation of Deformation and Strength Demands for Performance Seismic Design. Seminar: Seismic Design Of Structures, Serbian Chamber of Engineers and Bulgarian Chamber in Investment design, Beograd, April 08, 2011.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		35	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	2 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Leber J. Marjan	
Academic title:		Guest Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Proizvodni sistemi, organizacija i menadžment-projektovanje proizvodnih	
Academic carier	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Proizvodni sistemi, organizacija i menadžment-projektovanje proizvodnih sistema
PhD thesis	2003	University of Maribor - Maribor	Production Systems, Organization and Management
Magister thesis	1993	University of Maribor - Maribor	Production Systems, Organization and Management
Bachelor's thesis	1982	University of Maribor - Maribor	Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	IM1027	Production systems	(I20) Engineering Management, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	IM1039	Fundamentals of Operations management	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	IM1119	Product management at end of life	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM2222	Managing Innovation Projects	(I20) Engineering Management, Master Academic Studies
5.	IM2316	Theory of Constraints	(I10) Industrial Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
6.	IM2922	eHRM	(I20) Engineering Management, Master Academic Studies
7.	EI504	Management of Small and Medium Enterprises	(MR0) Measurement and Control Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
8.	IS001	Effective management	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
9.	IMDR22	Selected chapters from work study and ergonomics	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
10.	IMDR23	Ergonomic principles in service systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	POLAJNAR, Andrej, LEBER, Marjan, VUJICA-HERZOG, Nataša. Muscular-skeletal diseases require scientifically designed sewing workstations. Stroj. vestn., 2010, vol. 56, no. 1, str. 31-40. http://sl.sv-jme.eu/scripts/download.php?file=/data/upload/2010/01/4_2008_118_Polajnar_zl.pdf . [COBISS.SI-ID 13950486]		
2.	POLAJNAR, Andrej, BUCHMEISTER, Borut, LEBER, Marjan. Analysis of different transport solutions in the flexible manufacturing cell by using computer simulation. Int. j. oper. prod. manage., 1995, let. 15, št. 6, str. 51-58. [COBISS.SI-ID 7611908]		
3.	POLAJNAR, Andrej, BUCHMEISTER, Borut, LEBER, Marjan. Racionalizacija v serijski proizvodnji po načelih tipske tehnologije = Rationalization of series production by applying the principles of type technology. Stroj. vestn., 1995, let. 41, št. 7/8, str. 263-270. [COBISS.SI-ID 7901444]		
4.	LEBER, Marjan, POLAJNAR, Andrej, BUCHMEISTER, Borut. Načrtovanje zanesljivosti izdelkov in proizvodnih sistemov z upoštevanjem analize mogočih napak in njihovih posledic = Planning of product reliability and production systems by using failure modes and effects analysis. Stroj. vestn., 1994, let. 40, št. 9/10, str. 333-338. [COBISS.SI-ID 6902532]		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2>		
UNDERGRADUATE ACADEMIC STUDIES		Disaster Risk Management and Fire Safety	
Representative references (minimum 5, not more than 10)			
5.	KALPIČ, Branko, POLAJNAR, Andrej, LEBER, Marjan, BUCHMEISTER, Borut. Navidezna resničnost - simulirno orodje prihodnosti = Virtual reality - simulation tool of the future. Stroj. vestn., 1998, let. 44, št. 5/6, str. 187-194. [COBISS.SI-ID 2631963]		
6.	BUCHMEISTER, Borut, LEBER, Marjan, PAVLINJEK, Jože. Impact of periodic changing demand to supply chain inventories. Mech. Eng. Sci. J. (Skopje), 2007, vol. 26, no. 2, str. 79-86. [COBISS.SI-ID 12189974]		
7.	LEBER, Marjan, POLAJNAR, Andrej, BUCHMEISTER, Borut. Successful FMEA study based on QFD analysis. Acta Mech. Slovaca (Košice), 2002, ročník 6, 2, str. 187-190. [COBISS.SI-ID 7165206]		
8.	POLAJNAR, Andrej, BUCHMEISTER, Borut, LEBER, Marjan. Simulationsvergleich von Modellen für die Layoutplanung. E I, Elektrotech. Inf.tech., 111 (1994), 6 ; str. 277-279. [COBISS.SI-ID 6328580]		
9.	LEBER, Marjan, POLAJNAR, Andrej, BUCHMEISTER, Borut. Qualitätssicherung der Produktionsplanung durch Anwendung der Fehlermöglichkeits- und Einflussanalyse. E I, Elektrotech. Inf.tech., 111 (1994), 6 ; str. 324-327. [COBISS.SI-ID 6328836]		
10.	FULDER, Tatjana, PIŽMOHT, Petja, POLAJNAR, Andrej, LEBER, Marjan. Ergonomically designed workstation based on simulation of worker's movements. Int. j. simul. model., Mar. 2005, vol. 4, no. 1, str. 27-34. [COBISS.SI-ID 9448214]		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		5	
Current projects :		Domestic :	0
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Lončarević M. Ivana	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.06.2004	
Scientific or art field:		Physics	
Academic career	Year	Institution	Field
Academic title election:	2010		Physics
PhD thesis	2010	Faculty of Physics - Beograd	Physical Science
Magister thesis	2008	Faculty of Physics - Beograd	Physical Science
Bachelor's thesis	2003	Faculty of Sciences - Novi Sad	Physical Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EOS06	Physics	(E01) Power Engineering - Renewable Sources of Electrical Energy, Undergraduate Professional Studies
2.	GG06	Civil Engineering Physics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	H101	Physics	(F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (H00) Mechatronics, Undergraduate Academic Studies
4.	IAFI01	Colors and Light	(F10) Engineering Animation, Undergraduate Academic Studies
5.	M101	Technical Physics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	ETI06	Physics	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
7.	ZC008	Technical physics	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
8.	DZ01F	Selected Chapters in Physics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
Representative references (minimum 5, not more than 10)			
1.	Budinski-Petković Lj., Lončarević I., Petković M., Jaksic Z., Vrhovac S.: Percolation in random sequential adsorption of extended objects on a triangular lattice, Physical Review E, 2012, Vol. 85, No 061117, pp. 1-8		
2.	Budinski-Petković Lj., Lončarević I., Jakšić Z., Vrhovac S., Švrakić N.: Simulation study of anisotropic random sequential adsorption of extended objects on a triangular lattice, Physical Review E, 2011, Vol. 84, No 5, pp. 5160-1		
3.	Šćepanović J., Lončarević I., Budinski-Petković Lj., Jakšić Z., Vrhovac S.: Relaxation properties in a diffusive model of k-mers with constrained movements on a triangular lattice, Physical Review E, 2011, Vol. 84, No 031109, pp. 1-13		
4.	Lončarević I., Budinski-Petković Lj., Vrhovac S., Belić A.: Generalized random sequential adsorption of polydisperse mixtures on a one-dimensional lattice, Journal of Statistical Mechanics: Theory and Experiment, 2010, ISSN 1742-5468		
5.	Lončarević I., Budinski-Petković Lj., Vrhovac Lj., Belić A.: Adsorption, desorption, and diffusion of k-mers on a one-dimensional lattice, Physical Review E, 2009, Vol. 80, No 2		
6.	Budinski-Petković Lj., Vrhovac S., Lončarević I.: Random sequential adsorption of polydisperse mixtures on discrete substrates, Physical Review E, 2008, Vol. 78, No 061603, pp. 1-7		
7.	Lončarević I., Budinski-Petković Lj., Vrhovac S.: Simulation study of random sequential adsorption of mixtures on a triangular lattice, The European Physical Journal E, 2007, Vol. 24, pp. 19-26, ISSN 1292-8941		
8.	Lončarević I., Budinski-Petković Lj., Vrhovac S.: Reversible random sequential adsorption of mixtures on a triangular lattice, Physical Review E, 2007, Vol. 76, No 031104, pp. 1-9		
9.	Lončarević I.: Irreversible deposition of extended objects with diffusional relaxation on discrete substrates, The European Physical Journal B, 2010, No 73, pp. 439-445		
10.	Satarić M., Kozmidis-Luburić U., Budinski-Petković Lj., Lončarević I.: Intrinsic Electric Fields as a Control mechanism of Intracellular Transport along Microtubules, Journal of Computational and Theoretical Nanoscience, 2009, Vol. 6, pp. 721-731, ISSN 1546-1955		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		12	
Current projects :		Domestic :	International :
		1	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Lošonc N. Alpar	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.01.1989	
Scientific or art field:		Economics	
Academic carieer	Year	Institution	Field
Academic title election:	2005	Faculty of Technical Sciences - Novi Sad	Economics
PhD thesis	1993	Faculty of Economics - Subotica	Economics
Magister thesis	1988	Faculty of Law - Novi Sad	Economic Science
Bachelor's thesis	1981	Faculty of Law - Novi Sad	Legal Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M317	Economy	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
2.	S002A	Economics	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
3.	A206	Sociology and Economy of the Built Enviroment	(A00) Architecture, Undergraduate Academic Studies
4.	ASI321	Economics in culture and art	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies
5.	ASO311	Sociology of Art and Culture	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies
6.	IM1004	Principles of economics	(I20) Engineering Management, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	ZRMI3A	Sociological and Legal Aspects of Occupational Safety	(Z01) Safety at Work, Master Academic Studies
8.	RPR006	Economics of Regional Development	(RPR) Regional Development Planning and Management, Master Academic Studies
9.	A005S	Urban sociology and economics: selected chapters	(A00) Architecture, Specialised Academic Studies
10.	A005	Urban Sociology and Economics – Selected Chapters	(A00) Architecture, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Suffitientia Ecologica, Novi Sad, Stylos, 2005		
2.	Moderna na Kolonu, Vreme knjige, Beograd, 1997		
3.	Principi ekonomije, koautor, 2003, Stylos, Novi Sad		
4.	Kosta Josifidis, Alpar Lošonc. Novica Supić, Eseji o državi blagostanja, Futura publikacije, Novi Sad, 2009, ISBN 978-86+7188-119-7		
5.	Kosta Josifidis, Alpar Lošonc, Neoliberalizam, sudbina ili izbor, Novi Sad, Futura, 2007, ISBN 978-86-85699-03-0		
6.	A. Lošonc, S. Mitrović, A. Ivanišević, Praktikum iz principa ekonomije, Fakultet tehničkih nauka, Novi Sad, 2008		
7.	Suverenitet, moć i kriza, Svetovi, Novi Sad, 2006, 392. str., Cobiss. SR-ID 216449031.		
8.	A. Lošonc, A. Ivanišević, S. Mitrović, Globalizacija – rešenja i dileme, Fakultet tehničkih nauka, Novi Sad, 2008		
9.	Alpar Lošonc, Andrea Ivanišević, Slavica Mitrović, Strukturalna kriza: forme i uzroci, FTN, Novi Sad, 2012		
10.	The Interpretation of Crisis from the Spiritual Perspective (pp. 35-60), in: Handbook on Spirituality: Belief Systems, Societal Impact and Roles in Coping, Editors: Cleveland A. Stark and Dylan C. Bonner, Nova Publishers, New York, 2012		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		38	
Total of SCI(SSCI) list papers :		7	
Current projects :		Domestic :	1 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Lukić J. Tibor	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.07.2012	
Scientific or art field:		Mathematics	
Academic career	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Mathematics
Magister thesis	2004	Faculty of Sciences - Novi Sad	Mathematical Sciences
Bachelor's thesis	1998	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E213A	Algebra	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
2.	E221A	Mathematical Analysis 2	(E20) Computing and Control Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
3.	IAM004	Geometry of Discrete Space	(F10) Engineering Animation, Undergraduate Academic Studies
4.	M4201	Mathematics 3	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
5.	M4202	Applied Mathematical Analysis	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
6.	SE0002	Algebra(uneti naziv na engleskom)	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
7.	Z104	Mathematics 1	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	Z106	Mathematics 2	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	IFE230	Mathematical Logic	(IIF) Information and Financial Engineering, Undergraduate Academic Studies
10.	OM527	Nonlinear Programming	(IF1) Information Engineering, Master Academic Studies (IF2) Financial Engineering, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
11.	IA022	Numerical Optimization	(F20) Engineering Animation, Master Academic Studies (OM1) Mathematics in Engineering, Master Academic Studies
12.	D0M29	Image Processing 1	(OM1) Mathematics in Engineering, Doctoral Academic Studies
13.	D0M30	Image Processing 2	(OM1) Mathematics in Engineering, Doctoral Academic Studies
14.	D0M39	Optimization Methods and Mathematical Modelling	(OM1) Mathematics in Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Tibor Lukic, Nebojsa M. Ralevic, Geometric Mean Newton's Method for Simple and Multiple Roots, Elsevier, Applied Mathematics Letters 21, pp. 30-36, 2008.		
2.	Joakim Lindblad, Natasa Sladoje, and Tibor Lukic, Feature Based Defuzzification in Z2 and Z3 Using a Scale Space Approach, Springer-Verlag, Volume 4245, of Lecture Notes in Computer Science, pp. 378-389, 2006.		
3.	Tibor Lukic, Natasa Sladoje, and Joakim Lindblad, Deterministic Defuzzification based on Spectral Projected Gradient Optimization, Springer-Verlag, Volume 5096 of Lecture Notes in Computer Science, pp. 476-485, 2008.		
4.	Zorana Luzanin and Tibor Lukic, Convergence of the MRV method at singular points, Volume 35 of Novi Sad Journal of Mathematics, pp. 71-79, 2005.		
5.	Tibor Lukic, Nebojsa M. Ralevic and Aniko Lukity, Application of Aggregation Operators in Solution of Nonlinear Equations, Proceedings of 4th Serbian-Hungarian Joint Symposium on Intelligent Systems, pp. 329-339, Subotica, 2006.		
6.	Tibor Lukic and Nebojsa M. Ralevic, Newton's Method with Accelerated Convergence Modified by an Aggregation Operator, Proceedings of 3rd Serbian-Hungarian Joint Symposium on Intelligent Systems, pp. 121-128, Subotica, 2005.		
7.	Tibor Lukic, Joakim Lindblad, and Natasa Sladoje, Regularized Image Denoising Based on Spectral Gradient Optimization, Inverse Problems, Vol. 27:085010, IOP Publishing, 2011.		
8.	Lukić T.: Energy-minimization based Discrete Tomography Reconstruction Method for Images on Triangular Grid, Lecture Notes in Computer Science, LNCS, 2012		
9.	Tibor Lukic, Benedek Nagy, Energy-minimization based Discrete Tomography Reconstruction Method for Images on Triangular Grid, Proceedings of Combinatorial Image Analysis - 15th International Workshop (IWCI), Austin (TX), USA, LNCS, Vol. 7655, Springer-Verlag, pp. 274-284, 2012.		
10.	Zorana Luzanin and Tibor Lukic, Convergence of the MRV method at singular points, Novi Sad Journal of Mathematics, Vol. 35, pp. 71-79, 2005.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		8	
Current projects :		Domestic :	2 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Malešev M. Mirjana	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 16.01.1984	
Scientific or art field:		Materials in Civil Engineering, Condition Assessment and Construction	
Academic career	Year	Institution	Field
Academic title election:	2013		Materials in Civil Engineering, Condition Assessment and Construction Sanation
PhD thesis	2003	Faculty of Civil Engineering - Beograd	Materials in Civil Engineering and Concrete Technology
Magister thesis	1994	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering and Concrete Technology
Bachelor's thesis	1983	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG09	Materials in Construction 2	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG21	Concrete Technology	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG25	Theory on Concrete Structures 1	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG28	Theory on Concrete Structures 2	(G00) Civil Engineering, Undergraduate Academic Studies
5.	A202	Structures, Materials and Building	(A00) Architecture, Undergraduate Academic Studies
6.	URZP13	Building materials and structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP62	Assessment of Damaged Structures	(OM1) Mathematics in Engineering, Master Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	GS009	Energy-efficient materials and diagnostic of building thermotechnical performances	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
9.	GS010	The design of energy efficient buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
10.	GS011	Energy revitalization of buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
11.	SDG11A	Odabrana poglavlja iz građevinskih materijala i konstrukcija	(G10) Geodesy and Geomatics, Specialised Academic Studies
12.	GG504	Durability and Assessment of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
13.	GG517	Damages and Repair of Masonry, Steel and Timber Structures	(G00) Civil Engineering, Master Academic Studies
14.	GG518	Repair of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
15.	GG521	Construction Business and Regulative	(G00) Civil Engineering, Master Academic Studies
16.	GP502	Bridge Management	(G00) Civil Engineering, Master Academic Studies
17.	GD005	Selected Chapters in Concrete Theory and Technology	(G00) Civil Engineering, Doctoral Academic Studies
18.	GD012	Selected Chapters in Science on Materials	(G00) Civil Engineering, Doctoral Academic Studies
19.	GD015	Rheology of Concrete Structures	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Malešev,M. (1994) Primena metode ultrazvuka pri određivanju otpornosti betona na dejstvo mraza, Magistarska teza		
2.	Malešev,M. (2003) Parametarska analiza uticaja novih vrsta cementa proizvedenih prema EN 197-1 na osnovna svojstva betona, Doktorska disertacija		
3.	Malešev, M., Folić, R., Muravljov, M., Radonjanin, V. (1996): Eksperimentalno istraživanje zavisnosti između brzine ultrazvuka i otpornosti betona na dejstvo mraza, XX Kongres JUDIMK, Cetinje, str. 73 - 79.		
4.	Radonjanin, V., Malešev, M. (1997): Concrete Quality Control by Using Statistical Methods, Bulletins for Applied & Computer Mathematics, BAM-1324, Vol.LXXXIB, Budapest, Hungary, pp. 95-104.		
5.	Stojanović G., Radovanović M., Malešev M., Radonjanin V.: Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor, Sensors, 2010, Vol. 10, No 5, pp. 4270-4280, ISSN 1424-8220, UDK: 10.3390/s100504270		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
6.	Malešev M., Radonjanin V., Radeka M., Milovanović V., Lukić I.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 1, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 159-168, ISBN 978-86-87615-02-1		
7.	Radonjanin V., Malešev M., Radeka M., Lukić I., Milovanović V.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 2, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 169-178, ISBN 978-86-87615-02-1		
8.	Malešev M., Radonjanin V., Emhemd Saed M., Milovanović V.: Zeleni betoni-nove mogućnosti održivog građevinarstva, 12. Konferencija Savremena građevinska praksa, Andrevlje: Fakultet tehničkih nauka i Društvo građevinskih inženjera Novog Sada, 19-20 Maj, 2011, pp. 209-226, ISBN 978-86-7892-324-1		
9.	Marinković S., Radonjanin V., Malešev M., Ignjatović I.: Comparative environmental assessment of natural and recycled aggregate concrete, Waste Management, 2010, Vol. 30, No 11, pp. 2255-2264, ISSN 0956-053X, UDK: doi: 10.1016/j.wasman.2010.04.012		
10.	Maksimović M., Stojanović G., Radovanović M., Malešev M., Radonjanin V., Radosavljević G., Smetana W.: Application of a LTCC sensor for measuring moisture content of building materials, Construction and Buildings Materials, 2012, Vol. 26, No 1, pp. 327-333, ISSN 0950-0618(02)00045-4, UDK: 10.1016/j.conbuildmat.2011.06.029		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		4	
Total of SCI(SSCI) list papers :		11	
Current projects :		Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 1 </div>

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Milutin N. Darko	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.10.2007	
Scientific or art field:		Hydrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2013	Faculty of Technical Sciences - Novi Sad	Hydrotechnics
PhD thesis	1998	Faculty of Civil Engineering - Beograd	Hydrotechnics
Bachelor's thesis	1988	Faculty of Civil Engineering - Beograd	Hydrotechnics
Magister thesis	-		Hydrotechnics



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GH502	Hydrology with Hydrometry	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI021	Structure Value Assessment	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	URZP57	Natural Hazards	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
6.	Z415A	Enviromental Hazards	(ZF0) Environmental Engineering, Undergraduate Academic Studies
7.	MPK004	Fundamentals of Hydromechanics and hydrotechinc	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
8.	MPK022	hydrometric	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
9.	MPK026	Technological processes in the Water Quality Control	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
10.	GH505	Framework Directives E3 (WDF)	(G00) Civil Engineering, Master Academic Studies

Representative references (minimum 5, not more than 10)



1.	Milutin D., and J.J. Bogardi, On Two Decomposition Schemes for Optimization of Multiple-Reservoir Systems, abstract, Annales Geophysicae, Part II: Oceans, Atmosphere, Hydrology & Nonlinear Geophysics, , XX General Assembly of European Geophysical Society, Hmburg, Germany, Suppl. II to Vol. 13, EGS, p. C462, 1995
2.	Bogardi, J.J. and D. Milutin, Sequential Decomposition in the Assessment of Long Term Operation of Large Scale Systems, in S.P. Simonovic, Z. Kundzewicz, D. Rosbjerg and K. Takeuchi (eds.), Modelling and Management of Sustainable Basin Scale Water Resource Systems, Proceedings of an international symposium held during the XXI General Assembly of the International Union of Geodesy and Geophysics, Boulder, Colorado, IAHS Publ. No. 231, 233 240, 1995.
3.	Milutin, D. and J.J. Bogardi, Performance Criteria for Multiunit Reservoir Operation and Water Allocation Problems, Presented at the Third IHP/IAHS George Kovacs Colloquium: Risk, Reliability, Uncertainty and Robustness of Water Resources Systems, UNESCO, Paris, 19 21 September 1996. To appear in International Hydrology Series, Cambridge University Press, eds: J.J. Bogardi and Z.W. Kundzewicz (under publication).
4.	Prohaska, S. and D. Milutin, Matimaticeskaya model prognozirovaniya sostoyanii vodohranilisc v realnom vremeni (Mathematical Model for the Real Time Forecasting of Inflows to a System of Hydropower Plants), Proceedings of the XV Conference of the Danube Countries on Hydrologic Forecasting, Varna, Bulgaria, 1990 (in Russian).
5.	Milutin, D. and J.J. Bogardi, Reliability Criteria in the Assessment of a Multiple Reservoir Operational Strategy Under Mediterranean Conditions, Proceedings of the European Symposium on Water Resources Management in the Mediterranean Under Drought or Water Shortage Conditions: Economic, Technical, Environmental and Social Issues (Nicosia, Cyprus), Balkema, Rotterdam, The Netherlands, 265 271, 1995
6.	Milutin, D., Interactive Water Resources Management Support System for Tunisia, a poster presented at The Forum of the UNESCO International School for Scienec for Peace on "Water Security in the Third Millennium: Mediterranean Countries towards a Regional Vision", Como, Italy, 1999
7.	Louati, M.E.H. and D. Milutin, Joint Operation of a Multiple Reservoir – Interbasin Water Transfer System: The Tunisian Case Study, presented at The Second World Water Forum (Session: Water-Use Management), The Hague, The Netherlands, March 17, 2000.
8.	Bogardi, J.J.K.M., B.A.H.V. Brorens, M.D.U.P. Kularathna, D. Milutin and K.D.W. Nandalal, Long Term Assessment of a Multi Unit Reservoir System Operation: The ShellDP Program Package Manual, Report Series, Report 59, Department of Water Resources, Wageningen Agricultural University, The Netherlands, 272pp, 1995.



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>				
Representative references (minimum 5, not more than 10)					
9.	Bogardi, J.J., D. Milutin, M.E.H. Louati and G. Keser, The Performance of a Long Term Operational Policy of Multi Unit Reservoir Systems Under Drought Conditions, Proceedings of the VIII IWRA World Congress: Satisfying Future National and Global Demands, Cairo, Egypt, 1994.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :				15	
Total of SCI(SSCI) list papers :				0	
Current projects :				Domestic :	2 International : 5

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Miljković M. Biljana	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.06.2003	
Scientific or art field:		Thermal Energetics	
Academic carieer	Year	Institution	Field
Academic title election:	2013		Thermal Energetics
Magister thesis	2008	Faculty of Technical Sciences - Novi Sad	Thermal Energetics and Thermotechnics
Bachelor's thesis	2002	Faculty of Technical Sciences - Novi Sad	Thermal Energetics and Thermotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M203	Fundamentals of Thermodynamics	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
2.	M203L	Fundamentals in Thermodynamics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
3.	M210	Thermodynamics	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
4.	M215	Fundamentals of Heat Transfer	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
5.	M3304	Boiler Plants	(M30) Energy and Process Engineering, Undergraduate Academic Studies
6.	URZP31	Fundamentals of Thermodynamics with Heat Transfer	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP61	Fundamentals of the Burning Processes Theory	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	M3201	Fuels and lubricants	(M30) Energy and Process Engineering, Undergraduate Academic Studies
9.	M3507	Combustion technology	(M30) Energy and Process Engineering, Undergraduate Academic Studies
10.	ZC507	Tehnika sagorevanja(uneti naziv na engleskom)	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
11.	M3512	Combustion	(M30) Energy and Process Engineering, Master Academic Studies
12.	M3555A	Bioenergetska goriva i alternativni procesi	(M30) Energy and Process Engineering, Master Academic Studies
13.	M3503	Dinamika i modeliranje termoenergetskih postrojenja	(M30) Energy and Process Engineering, Master Academic Studies
14.	M3555	Bioenergy Fuels and Alternative Processes	(ZC0) Clean Energy Technologies, Master Academic Studies
15.	DM307	Selected Chapters in Mass Transfer	(M00) Mechanical Engineering, Doctoral Academic Studies



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	<h3 style="text-align: center;">Study Programme Accreditation</h3> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
1.	Modelovanje procesa sagorevanja u čvrstom pokretnom sloju pšenične slame, Novi Sad		
2.	Two-dimensional heterogeneous mathematical model for the combustion of straw , Poland		
3.	Matematički model sagorevanja slame u pokretnom sloju, Sokobanja		
4.	One-dimensional heterogeneous mathematical model for the combustion of straw , Tajland		
5.	Dvodimenzijski matematički model sagorevanja slame u čvrstom pokretnom sloju, Bečej		
6.	Matematički model pirolize čvrste materije, Sokobanja		
7.	Jednodimenzionalni model stacionarnog sagorevanja balirane slame, Novi Sad		
8.	Modeling and investigations of baled cereals straw combustion , Rumunija		
9.	Ocena ekonomske opravdanosti upotrebe postrojenja na biomasu, Novi Sad		
10.	Water production for industrial purposes by condensation of moisture from flue gases of hot water boilers fired with natural gas , Prag		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0
		International :	0



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Mirović Đ. Ivana	
Academic title:		Senior Foreign Language Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
Scientific or art field:		English	
Academic career	Year	Institution	Field
Academic title election:	2014	University of Novi Sad - Novi Sad	English
Bachelor's thesis	1984	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (IZ0) Information Systems Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies



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		Study Programme Accreditation		
		UNDERGRADUATE ACADEMIC STUDIES	Disaster Risk Management and Fire Safety	
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type	
4.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
5.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies	
6.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
7.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies	
8.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
9.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies	
10.	EJEI1	English in Engineering 1	(IIF) Information and Financial Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	
11.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies	
12.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies	
13.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies	



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	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
14.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
15.	SIT07	Engleski jezik 2	(S10) Softverske i informacione tehnologije (Novi Sad)(uneti naziv na engleskom), Undergraduate Professional Studies
16.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
17.	ETI05	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
18.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
19.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
20.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Prevod monografije: Nenad Teofanov: Ultramodulation Spaces and Pseudodifferential Operators, Zadužbina Andrejević		
2.	Prevod publikacije o Fakultetu tehničkih nauka, Faculty of Technical Sciences, 2004		
3.	Vesna Bogdanović i Ivana Mirović: Engleski jezik 1 za grafičko inženjerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2007		
4.	Ivana Mirović i Vesna Bogdanović: Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2011		
5.	I. Mirović, V. Bogdanović, B. Ličen: Istorijat nastave stručnog engleskog jezika na FTN u Novom Sadu. međunarodna konferencija Jezik struke, teorija i praksa, Beograd, 2008		
6.	V. Bogdanović, I. Mirović, B. Ličen: Kreiranje udžbenika za engleski jezik za studente različitog predznanja, međunarodna konferencija Jezik struke, teorija i praksa, Beograd, 2008		
7.	I. Mirović, B. Ličen, V. Bogdanović: Summarization skills of engineering students reading in a second language, Language for Specific Purposes, Challenges and Prospects, Belgrade, 2011		
8.	Mirović I, Gak D., Bogdanović V.: Trust me - I'm an engineer or: Why we should challenge our students with demanding tasks, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012		
9.	Gak D, Bogdanović V, Mirović I, : Questionnaire - an instrument for collecting valuable data from teachers of business English courses, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Mitrović M. Slavica	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.10.2005	
Scientific or art field:		Production Systems, Organization and Management	
Academic carier	Year	Institution	Field
Academic title election:	2012	University of Novi Sad - Novi Sad	Production Systems, Organization and Management
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Engineering Management
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Engineering Management
Bachelor's thesis	2004	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	IM1005	Entrepreneurship	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1007	Principles of engineering management	(I20) Engineering Management, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	IM1215	Management of small and medium size enterprises	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1218	Models of open innovations and corporate entrepreneurship	(I20) Engineering Management, Undergraduate Academic Studies
5.	IZOO19	Innovation and Entrepreneurship in High-Technology Companies	(I20) Information Systems Engineering, Undergraduate Academic Studies
6.	IMDS97	Entrepreneurial Management	(I22) Engineering Management, Specialised Academic Studies
7.	MBA515	decision macing and change	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
8.	NIT07	Management Skills	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
9.	IMDS66	Managerial decision-making	(G10) Geodesy and Geomatics, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies
10.	IMDR97	Entrepreneurial Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
11.	IMDR66	Managerial decision-making	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Mitrović S., Borocki J., Sokolovska V., Nesic A., Melovic B.: Potential of Young Entrepreneurs: Is There any Possibility of Their Development Though Education?, The New Educational Review, 2013, Vol. 32, No 2, pp. 288-298, ISSN 1732-6729		
2.	Mitrović, S., Grubić-Nešić, L., Milisavljević, S., Melović, B., Zuzana Babinkova (in press) Manager's Assessment of Organizational Culture. E+M Ekonomie a Management ISSN 1212-3609.		
3.	Milisavljević S., Mitrović S., Grubić-Nešić L., Simunovic G., Kozak D., Antić A.: The level of correlation between cultural values and system of customer relationship management., Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 6, pp. 1037-1042, ISSN 1330-3651		
4.	Milin D., Morača S., Simeunović N., Mitrović S.: Impact of organizational structure on success of projects in the food industry in transition countries, Journal of Food Agriculture and Environment, 2013, Vol. 11, No 3		
5.	Mitrović S., Melovic B.: Principi savremenog menadžmenta, Novi Sad, Fakultet tehnickih nauka, 2013, str. 1-533, ISBN 978-86-7892-487-3.		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>			
Representative references (minimum 5, not more than 10)				
6.	Mitrović S., Melovic B.: Challenges for management engineers in modern business environment, in D. Zelenovic & B. Katalinic (Eds.), Engineering Management - challenges for the future. Faculty of Technical Sciences/Fraunhofer IAO/DAAAM International. ISBN 978-3-902734-01-3.			
7.	Melovic B., Mitrović S. (2013). Research of Entrepreneurial attitudes of young people in Montenegro. Economic & Economy, Vol. 2(1): 175-184. ISSN 2336-9221.			
8.	Melovic, B., Mitrovic, S., Stefanovic, D., Moraca, S. (2013). Innovation of the new generation" - Entrepreneurial marketing innovation as a therapy for crisis. International Entrepreneurial Conference Crisis and innovation through prism of entrepreneurship (3). Faculty of Economics, Podgorica, Montenegro. ISBN 978-86-80133-69-0 pp. 193-203.			
9.	S. Mitrovic, S. Milisavljevic, I. Cosic, B. Lekovic, L. Grubic-Nesic, A. Ivanisevic: Changes in leadership styles in a transitional economy: A Serbian case study, African Journal of Business Management, Vol. 5(9), pp. 3563-3569, 4 May 2011. ISSN 1993-8233 Academic Journals.			
10.	Melović, B., Mitrović, S., Milisavljević, S., Pejanović, R., Čelić, Đ. (2012). RESEARCH OF CONSUMPTION AND COMPETITIVENESS OF HOMEMADE PRODUCTS FOR MANUFACTURING IMPROVEMENT: CASE STUDY FROM MONTENEGRO. African Journal of Agricultural Research. ISSN 1991-637X .Vol. 7(26), pp. 3757-3764.			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :			0	
Total of SCI(SSCI) list papers :			8	
Current projects :			Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 0 </div>

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Mrkšić Lj. Dragan	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		02.10.2006	
Scientific or art field:		Production Systems, Organization and Management	
Academic career	Year	Institution	Field
Academic title election:	2007	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
PhD thesis	1984	Faculty of Law - Beograd	Legal Science
Magister thesis	1981	Faculty of Law - Beograd	Legal Science
Bachelor's thesis	1977	Faculty of Law - Beograd	Legal Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	Z511P	Institutional Framework in Risk Management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	IM1009	Business Law	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1712	Management of Life Insurance	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1717	Right insurance	(I20) Engineering Management, Undergraduate Academic Studies
5.	IM1720	Communications in Insurance	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM2121	Corporate governance	(I20) Engineering Management, Master Academic Studies
7.	IM2720	Reinsurance	(I20) Engineering Management, Master Academic Studies
8.	IMDS53	Selected Chapters in Life Insurance	(I22) Engineering Management, Specialised Academic Studies
9.	MBA307	European and international business and trade law	(IB0) Engineering Management - MBA, Specialised Professional Studies
10.	MBA521	The European Union-development process	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
11.	MBA523	European law/International law	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
12.	OIR006	The basis of the rights in insurance	(I20) Engineering Management, Specialised Professional Studies
13.	IMDR53	Selected Chapters in Life Insurance	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Zarković, N., Mrkšić, D. and Lisov, M.: SITUATION AND POSSIBILITIES OF IMPROVEMENT OF VOLUNTARY PENSION INSURANCE IN SERBIA AS A DEVELOPING COUNTRY, African Journal of Business Management, Vol.4 (10), 18 August 2010, pp 2075-2086.		
2.	Mrkšić, D., Carić, S., Vitez, M.:PRIVREDNO PRAVO, CENTAR ZA PRIVREDNI CONSALTING, Novi Sad, petnaesto izdanje, 2005., str. 500,		
3.	Mrkšić, D., Marović, B.: OSIGURANJE I REOSIGURANJE, FINANSING CENTAR, Novi Sad, 1996.		
4.	Mrkšić, D., Petrović, Z.: PRAVO OSIGURANJA, FAKULTET ZA POSLOVNO PRAVO Beograd, Beograd 2004.		
5.	Mrkšić, D.: OSIGURANJE U TEORIJI I PRAKSI, ALEF, Novi Sad, 1990.		
6.	Mrkšić, D., Kostadinović, S.: KOMPANIJSKO PRAVO, FAKULTET ZA USLUŽNI BIZNIS, Novi Sad, 2004.		
7.	Mrkšić, D., Petrović, Z.: ŽIVOTNO OSIGURANJE, DIS PUBLIK, Beograd, 2005.		
8.	Mrkšić, D., Šulejić, P., Vujović, R., Žarković, N., Rašeta, J., Miloradić, J.: OSNOVI OSIGURANJA, FAKULTET ZA FINANSIJSKI MENADŽMENT I OSIGURANJE, Beograd, 2006.		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
9.	Mrkšić, D., Miloradić, J., Žarković, N.: UVOD U OSIGURANJE I ŽIVOTNA OSIGURANJA, IKP „ZASLON“ Šabac i Monart – Sremska Mitrovica, Novi Sad, 2006.		
10.	Mrkšić, D.: UPRAVLJANJE OSIGURAVAJUĆIM I REOSIGURAVAJUĆIM ORGANIZACIJAMA, FAKULTET ZA FINANSIJSKI MENADŽMENT I OSIGURANJE, Beograd, 260 str., 2006.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		122	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	0
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Nikolić M. Aleksandar	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.10.1990	
Scientific or art field:		Mathematics	
Academic career	Year	Institution	Field
Academic title election:	2013	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	1997	Faculty of Sciences - Novi Sad	Mathematics
Magister thesis	1992	Faculty of Mathematics - Beograd	Mathematics
Bachelor's thesis	1981	Faculty of Sciences - Novi Sad	Mathematics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	H103	Mathematics 1	(H00) Mechatronics, Undergraduate Academic Studies
2.	M102	Mathematics 1	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
3.	Z104	Mathematics 1	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	Z106	Mathematics 2	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	ET103	History of science and technology	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
6.	IA001	Algebra	(F10) Engineering Animation, Undergraduate Academic Studies
7.	II102A	Matematika 1(uneti naziv na engleskom)	(I10) Industrial Engineering, Undergraduate Academic Studies
8.	II1052	Mathematics 2	(I10) Industrial Engineering, Undergraduate Academic Studies
9.	IM1002	Mathematics 1	(I20) Engineering Management, Undergraduate Academic Studies
10.	IM1006	Mathematics 2	(I20) Engineering Management, Undergraduate Academic Studies
11.	OM528A	Teorija odlučivanja(uneti naziv na engleskom)	(OM1) Mathematics in Engineering, Master Academic Studies
12.	OM528	The History of Mathematics	(OM1) Mathematics in Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Aleksandar Nikolić, About two famous results of Jovan Karamata, Archives Internationales D'Histoire des Sciences, n. 141, Vol. 48, 1998, pp. 353-373		
2.	Aleksandar Nikolić, Space and Time in the Apparatus of Infinitesimal Calculus, Review of Research, Faculty of Science, Mathematics Series 23, 1, 1993, pp. 199-218		



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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
3.	Nevenka Adžić, Aleksandar Nikolić, Uvod u teoriju redova, FTN Novi Sad, 2001, s. 124		
4.	Irena Čomić, Aleksandar Nikolić, Diferencijalne jednačine, FTN Novi Sad, 1999, s. 122		
5.	Aleksandar Nikolić, Jovan Karamata, život kroz matematiku, Zadužbina Andrejević, 1999, s.105		
6.	Marić, V., Nikolić, A., Vojislav G. Avakumović (1910-1990) - A Passionate Man of Mathematics, Ganita Bharati, Vol. 30, No. 1, 45-60, 2008.		
7.	Nikolić, A., Karamata's Proofs of Pappus-Pascal and Desargues Theorems, ICAM 2007, G.B. Pant University, India.		
8.	Nikolić, A., The Story of Majorisability as Karamata's Condition of Convergence for Abel Summable Series, Historia Mathematica, 36, 4, 2009, 405-419.		
9.	Nikolić, A., Mathematical education in the Province of Vojvodina within the Habsburg Monarchy, History of Mathematics, 41, 2010, 109-124.		
10.	Aleksandar Nikolic, Mathematician Judita Cofman (1936–2001), Teaching Mathematics and Computer Science, Institute of Mathematics, and Faculty of Informatics, University of Debrecen, Hungary. 2012 Vol. X. Issue I, s. 91-115. ISSN 1589 - 7389		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	International :
		2	1

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety	
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Science, arts and professional qualifications



Name and last name:		Pečujlija D. Mladen	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.01.2007	
Scientific or art field:		Production Systems, Organization and Management	
Academic carieer	Year	Institution	Field
Academic title election:	2011	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
PhD thesis	2010	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Engineering Management
Bachelor's thesis	1989	Faculty of Philosophy - Novi Sad	Psychological Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP38	Selected Chapters in Psychology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	IM1820	The theory and practice of organizational socialization	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1913	Research Methodology for Human Resources 1	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1920	Organizational socialization	(I20) Engineering Management, Undergraduate Academic Studies
5.	IM1922	Value management	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM2918	Human Resources Research Methodology 2	(I20) Engineering Management, Master Academic Studies
7.	IM2920	Personnel Management	(I20) Engineering Management, Master Academic Studies
8.	ZP506	Crisis Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	ZP515	Qualitative and quantitative methods of risk management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	IMDS10	COGNITIVE MANAGEMENT	(I22) Engineering Management, Specialised Academic Studies
11.	IMDS99	Data ACQUISITION, ANALYSIS AND INTERPRETATION 2	(I22) Engineering Management, Specialised Academic Studies
12.	HR015	Ethical and legal aspects of human resources	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
13.	I077/S	Ethics in Education	(I20) Engineering Management, Specialised Professional Studies
14.	IMDS77	Selected Chapters from Human Resource Management	(I22) Engineering Management, Specialised Academic Studies
15.	IMDS84	Data ACQUISITION, ANALYSIS AND INTERPRETATION 1	(I22) Engineering Management, Specialised Academic Studies
16.	IMDR10	COGNITIVE MANAGEMENT	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
17.	IMDR99	Data ACQUISITION, ANALYSIS AND INTERPRETATION 2	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
18.	IMDR77	Selected Chapters from Human Resource Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
19.	IMDR84	Data ACQUISITION, ANALYSIS AND INTERPRETATION 1	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Pecujlija, M., Cosic, D (2010). An Orthodox Christian Reflection: Genetic Enhancement Must Not Be the Creation Primacy Problem Between Man and God. American Journal of Bioethics, 4, 10, 78-80		
2.	Pecujlija, M., Culibrk, D. (2012). Why we believe the computer when it lies. Computers in Human Behavior, 28, 143-152		



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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
3.	Pecujlija, M., Cosic, I., Ivanisevic, V. (2011). A Professor's Moral Thinking at the Abstract Level vs The Professor's Moral Thinking in the Real Life Situations. Science and Engineering Ethics, 17, 2, 299-320		
4.	Pecujlija, M., Azemovic, N., Azemovic, R. (2011). Leadership and productivity in transition: employees' view in Serbia, Journal of East European Management Studies, 16, 3, 251-263		
5.	Radlovacki, V., Beker, I., Majstorovic, V., Pecujlija, M., Stanivukovic, D., Kamberovic, B. (2011). Quality managers' estimates of quality management principles application in certified organisations in transitional conditions - is Serbia close to TQM? Journal of Mechanical Engineering, 57, 11, 851-861		
6.	Jovanovic, R., Radlovacki, V., Pecujlija, M., Kamberovic, B., Delic, M., Grujic, J. (2012). Assessment of blood donors' satisfaction and measures to be taken to improve quality in transfusion service establishments. MEDICINSKI GLASNIK 9, 2, 231-238		
7.	Pecujlija, M., Nerandzic, B., Perovic, V., Jevtic, A., Simic, N. (2010). Initiating innovations in Serbian companies organizational cultures. African Journal of Business Management, 18, 4, 3957-3967		
8.	Pecujlija, M. et al (2010). "Employees' Attitudes Toward Company Privatization as Possible Predictors of a High-Performance Work System", African Journal for Business and Management. 5, 5, 1663-1672		
9.	Jokic, S., Cosic, I., Sajfert, Z., Pecujlija, M., Pardanjac, M. (2012) Schools as Learning Organizations: Empirical Study in Serbia. METALURGIA INTERNATIONAL, 17, 2, 83-89		
10.	Radlovacki, V., Pecujlija, M., Kamberovic, B., Jovanovic, R., Delic, M., Beker, I. (2012). Satisfaction of high school students with the applicability of their knowledge TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM, 7, 2, 777-785		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		7	
Total of SCI(SSCI) list papers :		11	
Current projects :		Domestic :	1
		International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Pekarić-Nadž M. Neda	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.07.1978	
Scientific or art field:		Theoretical Electrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2001	Faculty of Technical Sciences - Novi Sad	Theoretical Electrotechnics
PhD thesis	1984	School of Electrical Engineering - Beograd	Electrical and Computer Engineering
Magister thesis	1981	School of Electrical Engineering - Beograd	Electrical and Computer Engineering
Bachelor's thesis	1978	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E216	Fundamentals of Electrical Engineering	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies
2.	EE300	Electromagnetics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	I087	Electrical Engineering in Industrial Engineering	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
4.	E105	Fundamentals of Electrical Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
5.	E110	Fundamentals of Electrical Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
6.	II1007	Fundamental electrical engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	II1010	Control of technical systems	(I10) Industrial Engineering, Undergraduate Academic Studies
8.	IM1022	Fundamentals of technical systems control	(I20) Engineering Management, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies
9.	URZP12	Introduction to electrical engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
10.	URZP55	Fire and Explosion Protection due to Electricity	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
11.	DE208S	Selected Chapters on Electromagnetic Compatibility	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
12.	DE408S	Selected chapters inl electromagnetics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
13.	DE208	Selected Chapters on Electromagnetic Compatibility	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
14.	DE408	Selected Chapters in Electromagnetics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Neda Pekarić-Nadž, Vera Bajović, "Izbor rešenih problema iz Osnova elektrotehnike", Gradjevinska knjiga, Beograd, 2007		
2.	Neda Pekarić-Nadž, Dejana Herceg, "Osnovi elektrotehnike za studente Računarskog odseka" edicija FTN, Novi Sad, 2005		
3.	Nikolajević S, Pekarić-Nadž N, Dimitrijević R, "Optimization of cable terminations", IEEE Trans. PWRD, Vol.12, No 2, 1997 p.p. 527-532		

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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
4.	Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "A new concept in construction of cable terminations for medium voltages", IEEE Trans. Power Delivery, Volume 13, No. 3, July 1998, p.p. 712-718		
5.	Šećerov Sokolović R., Sokolović S., Mihajlović Đ., Gelei T., Pekarić Nađ N., Šević S.: Effect of pulsed electromagnetic field on crude oil rheology, Industrial and Engineering Chemistry Research, 1998, Vol. 37, No 12, pp 4828-4834, ISSN 0888-5885		
6.	Buranj N., Milutinov M., Pekarić Nađ N.: Uređaj za izlaganje malih tečnih uzoraka magnetskom polju, 2011		
7.	Juhas A., Pekarić Nađ N., Herceg D.: Estimation of Human Exposure to Combined RF EM Field of Multiple Antennas, 5. International PhD Seminar on Computational Electromagnetics and Optimization in Electrical Engineering CEMOEE, Sofija: Proceedings of International PhD Seminar on Computational electromagnetics and optimization in electrical engineering – CEMOEE 2010, Sofia, Bulgaria, 10-13 September, 2010, 10-13 Septembar, 2010, pp. 27-31, ISBN 978-954-438-856-0		
8.	Herceg D., Pekarić Nađ N., Juhas A.: Shield shape influence on a coreless probe inductance, 5. International PhD Seminar on Computational Electromagnetics and Optimization in Electrical Engineering CEMOEE, Sofija: Proceedings of International PhD Seminar on Computational electromagnetics and optimization in electrical engineering – CEMOEE 2010, Sofia, Bulgaria, 10-13 September, 2010, 10-13 Septembar, 2010, pp. 18-21, ISBN 978-954-438-856-0		
9.	Milutinov M., Juhas A., Pekarić Nađ N.: Power line currents data extraction from magnetic field measurements, 17. International Symposium on Electrical Apparatus and Technologies – SIELA, Bourgas, 28-30 Maj, 2012, pp. 226-231, ISBN 1314-6297		
10.	Dimitrijević R., Tasić D., Raičević N., Aleksić S., Pekarić Nađ N.: Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes, Facta universitatis - series: Electronics and Energetics, 2010, Vol. 23, No 1, pp. 99-117, ISSN 0353-3670		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		16	
Total of SCI(SSCI) list papers :		3	
Current projects :		Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 1 </div>

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Petrovački Lj. Nebojša	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Automatic Control and System Engineering	
Academic career	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	Automatic Control and System Engineering
PhD thesis	2008	Faculty of Technical Sciences - Novi Sad	Automatic Control and System Engineering
Magister thesis	2005	University of California, Los Angeles - Los Angeles	Automatic Control and System Engineering
Bachelor's thesis	2000	Faculty of Technical Sciences - Novi Sad	Automatic Control and System Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M3408	Automatic Control Systems	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
2.	EMSAU ₁	Automatic Control Systems in Electronics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	GG226	Automatic control systems in geomatics	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
4.	GG99	Geospatial technologies - basics	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	M3409	Automatic control systems	(M30) Energy and Process Engineering, Undergraduate Academic Studies
6.	M3417	Applied industrial automatization	(M30) Energy and Process Engineering, Master Academic Studies
7.	AU509	Nonlinear Control Systems	(E20) Computing and Control Engineering, Master Academic Studies (MR0) Measurement and Control Engineering, Master Academic Studies
8.	GIAU01	Geosensor networks	(E20) Computing and Control Engineering, Master Academic Studies (MR0) Measurement and Control Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
9.	DGI018	Selected Chapters of Automatic Control Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	2.Zoran D. Jeličić, Nebojša Petrovački: Optimality Conditions and a Solution Scheme For Fractional Optimal Control Problems, accepted for publication on July 29th, 2008 in Journal of Structural And Multidisciplinary Optimization, Springer, Berlin-Heidelberg		
2.	1.Nebojša Petrovački: Identifikacija, simulacija i upravljanje klasom EDFA pojačavača, Doktorska disertacija, Fakultet tehničkih nauka u Novom Sadu, Novi Sad, decembar 2008. godine.		
3.	3.Zoran D. Jeličić, Nebojša Petrovački: On The Fractional Order Model of EDFA With ASE, in The Proceedings of IEEE Conference on Numerical Simulation of Optical Devices, University of Nottingham, Great Britain, September 2008.		
4.	4.Zoran D. Jeličić, Nebojša Petrovački: Fractional Derivative Model of Erbium-Doped Fiber Amplifiers With Asynchronous Spontaneous Emission, in Book of Abstracts of 2007 SIAM Conference on Control and Its Applications, June 29th - July 1st, 2007, San Francisco, California		
5.	5.Nebojša Petrovački, Zoran D. Jeličić: Specific Optimal Control of Erbium-Doped Fiber Amplifiers, in The Proceedings of IFAC Workshop: Technology Transfer In Developing Countries: Automation in Infrastructure Creation, May 17-18, 2007 Izmir-Cesme, Turkey		
6.	6.Nebojša Petrovački, Zoran D. Jeličić: Modeling, Simulation, And Control of Erbium-Doped Fiber Amplifiers, in The Proceedings of 7th Portuguese Conference on Automatic Control, Lisbon, Portugal, September 11-13th 2006		
7.	7.Nebojša Petrovački, Zoran D. Jeličić: Optimal Transient Response of Erbium-Doped Fiber Amplifiers, in The Proceedings of The 6th IEEE International Conference on Numerical Simulation of Optoelectronic Devices, Nanyang Technological University, Singapore, September 11-14th 2006		
8.	8.Nebojša Petrovački: Stationary Simulation of The Gas Pipeline Using Neural Networks - Case Study of Vojvodina, in The Proceedings of The 10th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2006, July 16-19, 2006, Orlando, Florida (co-chair of the session)		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety			
Representative references (minimum 5, not more than 10)				
9.	9.Nebojša Petrovački: Erbium-Doped Fiber Amplifiers, invited talk at Department of Electrical and Computer Engineering of University of California, San Diego, April 14th, 2006.			
10.	11.Nebojša Petrovački: Gain Regulation In Erbium-Doped Fiber Amplifiers, in The Proceedings of The IEEE EUROCON 2005: The International Conference on Computer As A Tool, November 21-24, 2005, Belgrade, Serbia			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		0		
Total of SCI(SSCI) list papers :		1		
Current projects :		Domestic :	0	International : 3

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Popov B. Srđan	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 05.09.2001	
Scientific or art field:		Applied Computer Science and Informatics	
Academic carier	Year	Institution	Field
Academic title election:	2012	University of Novi Sad - Novi Sad	Applied Computer Science and Informatics
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
Bachelor's thesis	1999	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP11	Fundamentals of Information Technologies	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP23	Applied Information Technologies	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP35	Modeling and Simulation in Risk Management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP44	Application of geoinformation technology in risk management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	IM1719	Implementation of information systems in insurance	(I20) Engineering Management, Undergraduate Academic Studies
6.	E111	Programming Languages and Data Structures	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
7.	IMDS45	Application of information and satellite technology in risk management	(I22) Engineering Management, Specialised Academic Studies
8.	IM2715	Modeling and simulation in risk management	(OM1) Mathematics in Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
9.	IZMI03	Neuromorphic Computing	(IZ0) Information Systems Engineering, Master Academic Studies
10.	IZMO02	Information Systems Reengineering	(IZ0) Information Systems Engineering, Master Academic Studies
11.	DRNI01	Selected Topics in Computer Programming	(E20) Computing and Control Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
12.	IMDR45	Application of Information and Satellite Technologies in Risk Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle-bound polycyclic aromatic hydrocarbons in the vicinity of the industrial zone of the city of Novi Sad DOI: 10.2298/HEMIND120113062J, Hemijska industrija, 2012, ISSN 0367-598X		
2.	Čosić Đ., Popov S., Sakulski D., Pavlović A.: Geo-Information Technology for Disaster Risk Assessment, Acta Geotechnica Slovenica, 2011, Vol. 8, No 2011/1, pp. 64-74, ISSN 1854-0171		
3.	Malbaški D., Kupusinac A., Popov S.: The Impact of Coding Style on the Readability of C Programs, TTEM. Tehnics technologies education management, 2011, Vol. 6, No 4, pp. 1073-1082, ISSN 1840-1503		
4.	Sakulski D., Čosić Đ., Popov S.: Implementation of Innovative Technologies for Disaster Risk Reduction, 1. International Conference Natural Hazards, Novi Sad: University of Novi Sad, Faculty of Science, 5 Maj, 2012, pp. 15-16, ISBN 978-86-7031-276-0		
5.	Sakulski D., Čosić Đ., Popov S., Pavlović A., Laban M.: Disaster risk management and fire safety, 1. International conference Protection, Ecology, Security, Bar: Fakultet za pomorstvo Kotor, 24-26 Maj, 2012, pp. 75-81		
6.	Simić J., Popov S., Čosić Đ., Sakulski D., Novaković T., Popović Lj., Pavlović A., Luhović A.: The aspect of bringing data in spatial relationship during the process of teaching at the subject "Disaster risk management" , UDK: 37.01:004 (082)		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
	<h2 style="text-align: center;">Study Programme Accreditation</h2>					
	UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety					
Representative references (minimum 5, not more than 10)						
7.	Pavlović A., Čosić Đ., Popov S., Kolaković S.: Indikatori praćenja hazardnih pojava poplave i suše u cilju poboljšanja planiranja melioracija, Tematski zbornik radova "Melioracije 07 - stanje i perspektive-", 2012, No 12, pp. 136-146, ISSN 978-86-7520-107-6, UDK: 626.8(082)					
8.	Popović Lj., Popov S., Čosić Đ., Sakulski D.: Impact of Visualization on Data Availability, UDK: CIP je dostupan u Univerzitetskoj biblioteci Rijeke pod brojem 121219001					
9.	Alargić I., Badnjarević I., Vrtunski M., Popov S.: Setting the platform for testing the quality of DTM in the format of DTM-ASCII , 8. IEEE International Symposium on Intelligent Systems and Informatics (SISY), Subotica, , pp. 253-256, ISBN 978-1-4244-7395-3					
10.	Popov S., Pavlović A., Čosić Đ., Hlebjan M.: Interfacing Data Structures of Legacy Systems, 8. IEEE International Symposium on Intelligent Systems and Informatics (SISY), Subotica: 2010 IEEE , , pp. 409-411, ISBN 978-1-4244-7395-3					
Summary data for teacher's scientific or art and professional activity:						
Quotation total :			0			
Total of SCI(SSCI) list papers :			3			
Current projects :			Domestic :	2	International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications



Name and last name:		Rackov J. Milan	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 15.02.2001	
Scientific or art field:		Machine Elements, Construction Principles, Machine and Mechanism	
Academic career	Year	Institution	Field
Academic title election:	2013	University of Novi Sad - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanism Theory, Power and Motion Transfer and Eng. Communication
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanism Theory, Power and Motion Transfer and Eng. Communication
Magister thesis	2007	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanism Theory, Power and Motion Transfer and Eng. Communication
Bachelor's thesis	2000	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanism Theory, Power and Motion Transfer and Eng. Communication



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	H205	Mecahnical Elements 1	(H00) Mechatronics, Undergraduate Academic Studies
2.	H208	Mechanical Elements 2	(H00) Mechatronics, Undergraduate Academic Studies
3.	M202	Mechanical Elements	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
4.	URZP14	Fundamentals of Mechanical Engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	IM2507	Automation of production systems management	(I10) Industrial Engineering, Master Academic Studies (IZ0) Information Systems Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
6.	M2654	Specific Machine Elements of Agricultural Machinery	(M22) Mechanization and Construction Engineering, Master Academic Studies
7.	M2656	Industrial design of agricultural machines	(M22) Mechanization and Construction Engineering, Master Academic Studies

Representative references (minimum 5, not more than 10)



1.	Banić, Milan S., Stamenković, Dušan S., Miltenović, Vojislav, Milošević, Miloš S., Miltenović, Aleksandar V., Đekić, Petar S., Rackov, Milan J.: Prediction of heat generation in rubber or rubber-metal springs, Thermal Science, 2012, Vol.16, Suppl. 2, pp.S593-S606, DOI:10.2298/TSCI120503189B
2.	Miltenović, V. A., Kuzmanović, B. S., Miltenović, Đ. V., Tica, M. M., Rackov, J. M.: Thermal stability of crossed helical gears with wheels made from sintered steel, Thermal Science, 2012, Vol. 16, Suppl. 2, pp. S607-S619, doi:10.2298/TSCI120503190M
3.	Kuzmanović, S., Rackov, M.: Bezazorni prenosnici u vojnom mašinstvu, Vojnotehnički institut, Beograd, 2012, str.101, ISBN 978-86-81123-51-5
4.	Kuzmanović, S., Trbojević, R., Rackov, M.: Zbirka zadataka iz mašinskih elemenata, Fakultet tehničkih nauka, Nobi Sad, 2009, str.198, ISBN 978-86-7892-154-4
5.	Kuzmanović, S., Rackov, M.: Globalization Influence on Product Assortment and Process of Product Development, Poznan University of Technology, Poznan, Poland, 2006, str. 323-330, ISBN 83-89873-28-1
6.	Kuzmanović, S., Rackov, M., Vereš, M.: Product Lifetime, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Bratislava, 2009, str.135-144, ISBN 978-80-227-3326-7
7.	Vereš, M., Harman, B., Kuzmanović, S., Rackov, M.: Determination of the Correct Mating Cylindrical Teeth Flanks Profiles When the Path of Contact is Given, Slovak University of Technology in Bratislava, Faculty of Mechanical Engineering, Bratislava, 2009, str. 145-151, ISBN 978-80-227-3326-7

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	<h3 style="text-align: center;">Study Programme Accreditation</h3> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
8.	Kuzmanović, S., Trbojević, R., Rackov, M.: Analiza uticaja međuosnog rastojanja na veličinu najvećeg prenosnog odnosa zupčastog reduktora, TEHNIKA 2001, No.2, str. M9-12, ISSN 0040-2176		
9.	Kuzmanović, S., Rackov, M., Rafa, K.: Benefits of the Application of Cycloidal Backlash Gear Reducers With More Eccentric Shafts, Balkan Journal of Mechanical Transmissions - BJMT, 2012, Vol. 2, No.1, pp. 33-38, ISSN 2069-5497		
10.	Rackov, M., Kuzmanović, S.: Proposal of Assessment Method for the Conceptual Design of Universal Helical Gear Reducers, Balkan Journal of Mechanical Transmissions - BJMT, 2011, Vol. 1, No.2, pp.69-75, ISSN 2069-5497		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	1
		International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Radonjanin S. Vlastimir	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.11.1987	
Scientific or art field:		Materials in Civil Engineering, Condition Assessment and Construction	
Academic career	Year	Institution	Field
Academic title election:	2013		Materials in Civil Engineering, Condition Assessment and Construction Sanation
PhD thesis	2003	Faculty of Civil Engineering - Beograd	Materials in Civil Engineering and Concrete Technology
Magister thesis	1994	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering and Concrete Technology
Bachelor's thesis	1982	Faculty of Civil Engineering - Beograd	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A202	Structures, Materials and Building	(A00) Architecture, Undergraduate Academic Studies
2.	GG09	Materials in Construction 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG21	Concrete Technology	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP13	Building materials and structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP62	Assessment of Damaged Structures	(OM1) Mathematics in Engineering, Master Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	GS009	Energy-efficient materials and diagnostic of building thermotechnical performances	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
7.	GS010	The design of energy efficient buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
8.	GS011	Energy revitalization of buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
9.	SDGI1A	Odabrana poglavlja iz građevinskih materijala i konstrukcija	(G10) Geodesy and Geomatics, Specialised Academic Studies
10.	GG504	Durability and Assessment of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
11.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
12.	GG517	Damages and Repair of Masonry, Steel and Timber Structures	(G00) Civil Engineering, Master Academic Studies
13.	GG518	Repair of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
14.	GP502	Bridge Management	(G00) Civil Engineering, Master Academic Studies
15.	GD005	Selected Chapters in Concrete Theory and Technology	(G00) Civil Engineering, Doctoral Academic Studies
16.	GD012	Selected Chapters in Science on Materials	(G00) Civil Engineering, Doctoral Academic Studies
17.	GD015	Rheology of Concrete Structures	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Radonjanin,V. (2003): Prilog istraživanju osnovnih karakteristika betona modifikovanih polimerima sa aspekta njihove primene u armiranobetonskim konstrukcijama, Magistarska teza		
2.	Radonjanin,V.(1994): Parametarska analiza karakteristika reparaturnih maltera sa aspekta njihove primene pri sanaciji armiranobetonskih konstrukcija, Doktorska disertacija		
3.	Folić, R., Radonjanin, V. (1998): Experimental research on polymer modified concrete, ACI Materials Journal, VOL. 95 No. 4, July/August 1998, pp.463-470.		
4.	Marinkovic Snezana B, Radonjanin Vlastimir S, Malesev Mirjana, Ignjatovic IS,Comparative environmental assessment of natural and recycled aggregate concrete (Article), WASTE MANAGEMENT, (2010), vol. 30 br. 11, str. 2255-2264		
5.	Stojanovic Goran M, Radovanovic Milan, Malesev Mirjana, Radonjanin Vlastimir S, Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor (Article), SENSORS, (2010), vol. 10 br. 5, str. 4270-4280		
6.	Maksimovic M.; Stojanovic G., Radovanovic M.; Malesev M.; Radonjanin V., Radosavljevic G.; Smetana W (2012).: Application of a LTCC sensor for measuring moisture content of building materials, Elsevier - Construction and Building Materials, Volume 26, Issue 1, January 2012, pp. 327–333 (http://dx.doi.org/10.1016/j.conbuildmat.2011.06.029)		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety			
Representative references (minimum 5, not more than 10)				
7.	Folić, R., Radonjanin, V., Malešev, M. (2002): The assessment of the Structure of Novi Sad Open University Damaged in Fire, Journal "Construction and Building Materials", No. 16 (2002), Elsevier Science, London, pp.427 - 440.			
8.	Matić B., Tepić J., Sremac S., Radonjanin V., Matić D., Jovanović P.: Development and evaluation of the model for the surface payment temperature prediction, Journal "Metalurgija", Croatian metallurgical society, Zagreb, Croatia, ISSN: 0543-5846, 2012 (UDC – UDK 621.747.621.006.2:658.564=111), pp.329-332			
9.	Pavlović, P., Folić, R., Radonjanin, V., Tatomirović, M. (1997): The Testing and Repair of Steel Silo, Journal "Construction and Building Materials", Vol. 11. No. 5-6 (1997), Elsevier Science, London, pp.353-363.			
10.	Radonjanin, V., Malešev, M., Folić, R. (2007): Assessment and repair of the bearing structure of a multi-storey parking garage, Journal of Building Appraisal, Volume 2, Issue 4, Publisher "Palgrave Macmillan", London, UK, February 2007, pp. 335-354.			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		24		
Total of SCI(SSCI) list papers :		7		
Current projects :		Domestic :	2	International : 1

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety	
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Science, arts and professional qualifications



Name and last name:	Sakulski M. Dušan		
Academic title:	Assistant Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 01.10.2007		
Scientific or art field:	Environment Protection Engineering		
Academic career	Year	Institution	Field
Academic title election:	2013	Faculty of Technical Sciences - Novi Sad	Environment Protection Engineering
PhD thesis	2002	WITS University - Johannesburg	Environment Protection Engineering
Bachelor's thesis	1982	Faculty of Civil Engineering - Beograd	Civil Engineering
Magister thesis	-		Civil Engineering



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	URZP16	Climatology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP41	Disasters and Vulnerability	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP48	Fundamentals of Climatology and Hydrology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP51	Strategy of Intervention	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP63	Safety of Strategic Energy Facilities	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	Z510	Accidental Risk Management and the Environment	(OM1) Mathematics in Engineering, Master Academic Studies (Z01) Safety at Work, Master Academic Studies
7.	ZP515	Qualitative and quantitative methods of risk management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	ZP501	Integrated Natural Disaster Risk Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	IM2707	Methods for the analysis of insurance risk	(I20) Engineering Management, Master Academic Studies
10.	IMDS72	Advanced risk assessment methods	(I22) Engineering Management, Specialised Academic Studies
11.	MPK009	Environmental hazards	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
12.	MPK012	Solid waste management	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
13.	MPK014	Monitoring and system control	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
14.	MPK019	Disaster risk management	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
15.	ZCM06	Security of strategic energy facilities	(ZC0) Clean Energy Technologies, Master Academic Studies
16.	ZRD233	Selected topics in the field of insurance from the standpoint of safety and health at work	(Z01) Safety at Work, Doctoral Academic Studies
17.	IMDR72	Advanced risk assessment methods	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Marjanovic P., Miloradov M., Cukic Z., Sakulski D., Bogdanovic S.: "Integrated cadastre (Inventory System) for pollution sources in the Danube Basin in Yugoslavia", Water Science and Technology, Vol. 32 No 5-6 pp 265-275, IWA Publishing 1995
2.	Sakulski D.: "Web-enabled GIS in Disaster Management", The Global Magazine for Geomatics, May 2005, Volume 19, Number 5
3.	Sakulski D.: "Implementation of the multi-software solution for the on-the-fly calculation of the Standardized Precipitation Index (SPI) as a drought indicator for South African environment" ENVIROSOFT 2000, 2000, Bilbao, Spain
4.	Sakulski D., "Development and implementation of a database driven web-enabled integrated system for air quality observation and analysis", International Conference on Air Pollution, 2001, Ancona, Italy
5.	Sakulski D. Stephenson D, Marjanovic P.: "WebMathematica as a Core Service for the Calculation of the Drought Indicator for South Africa", The 5th International Mathematica Symposium, 2003, London, UK



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
6.	Sakulski D.: "South African National Disaster Hazard and Vulnerability ATLAS", International Conference on Disasters and Society – From Hazard Assessment to Risk Reduction, 2004, Karlsruhe, Germany		
7.	Sakulski D.: "Geo-Information as an Integral Component of the National Disaster Hazard and Vulnerability ATLAS", First International Symposium on Geo-Information for Disaster Management, 2005, Delft, Netherlands		
8.	Sakulski D.: "Analiza zaustavnog puta u funkciji merodavnog vozila", Put i saobraćaj, 1984		
9.	Sakulski D.: "Ojačanje kolovoza upotrebom FW deflektometra", Put i saobraćaj, 1986		
10.	Sakulski D., Katic Z.: "Klasifikacija oštećenja kolovoza", Put i saobraćaj, 1986		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	0
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Simeunović V. Nenad	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.02.2001	
Scientific or art field:		Production Systems, Organization and Management	
Academic career	Year	Institution	Field
Academic title election:	2012	University of Novi Sad - Novi Sad	Production Systems, Organization and Management
PhD thesis	2012	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Magister thesis	2006	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Bachelor's thesis	1999	Faculty of Technical Sciences - Novi Sad	Material Binding Technologies
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	IM1016	Production and Service Technologies	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1039	Fundamentals of Operations management	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	IM1103	Services Engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
4.	IM1116	Work Study and Ergonomics	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
5.	IM1318	Managing Relationships with Stakeholders	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM1321	Management of the Project Team	(I20) Engineering Management, Undergraduate Academic Studies
7.	ZR401A	Science on Work	(Z01) Safety at Work, Undergraduate Academic Studies
8.	IZOO18	Project Management Methods and Techniques	(IZ0) Information Systems Engineering, Undergraduate Academic Studies
9.	IM2322	Event Management	(I20) Engineering Management, Master Academic Studies
10.	IM2517	e Government Systems	(IZ0) Information Systems Engineering, Master Academic Studies (I20) Engineering Management, Master Academic Studies
11.	IMDR21	Selected chapters from service engineering	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
12.	IMDR22	Selected chapters from work study and ergonomics	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
13.	IMDR23	Ergonomic principles in service systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
14.	IMDR26	Current concepts in service management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
15.	IMDR25	Upravljanje operacijama pružanja usluga	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
16.	ZRD27A	Operations management in the security and occupational safety	(Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>		
Representative references (minimum 5, not more than 10)			
1.	Vukelić Đ., Ostojić G., Stankovski S., Lazarević M., Tadić B., Hodolić J., Simeunović N.: Machining fixture assembly/disassembly in RFID environment, <i>Assembly Automation</i> , 2011, Vol. 31, No 1, pp. 62-68, ISSN0144-5154		
2.	Milin D., Morača S., Simeunović N., Mitrović S.: Impact of organizational structure on success of projects in the food industry in transition countries, <i>Journal of Food Agriculture and Environment</i> , 2013, Vol. 11, No 3		
3.	Simeunović N., Čosić I., Radaković N., Lalić B.: The General Work Procedure Model for the Service Product, Beč, DAAAM International Scientific Book, 2009, str. 281-288, ISBN 987-3-901509-71-1, UDK: ISSN1726-9687		
4.	Čosić, I.; Radaković, N.; Simeunović, N: THE SERVICE PRODUCT PLANNING WORK PLAN ANALYSIS, XIV međunarodna konferencija INDUSTRIJSKI SISTEMI IS 2008, Novi Sad: FTN GRID Novi Sad, 02.-03. oktobar, 2008,		
5.	Radaković, N., Simeunović, N., Dakić, R., Pantelić, I. »Sličnosti i razlike u procesima proizvodnje i pružanja usluga« XIII međunarodna konferencija INDUSTRIJSKI SISTEMI IS 2005, Herceg Novi, 2005.		
6.	Čosić, I.; Radaković, N.; Simeunović, N.; Lalić, B.: Creating the Service Product by Applying the General Work Procedure Model, <i>Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium</i> , Vienna, Austria: DAAAM International, 22.-25. October, 2008, str. pp 153- UDK: ISSN1726-9679, ISBN ISBN 978-3-901509-68.		
7.	Vukelić, Đ., Vrečić, T., Hodolić, J., Simeunović, N., Križan, P.: A system for manufacturing process statistical quality control, 12 th International Scientific Conference MECHANICAL ENGINEERING 2008, Bratislava: The Faculty of Mechanical Engineering, 13. - 14. November, 2008, str. CD- ROM, ISBN 978-80-227-2987-1.		
8.	Hodolić J., Čosić I., Budak I., Matin I., Simeunović N., Hadžistević M., Vukelić Đ., Antić A., Bešić I.: Baza podataka sa softverskom aplikacijom kao podrška platformi za kontinualnu edukaciju FTN-a, 2010		
9.	Simeunović N.: Istraživanje uslova za primenu metoda i tehnika operacionog menadžmenta u uslužnim sistemima, Novi Sad, FTN Novi Sad, 2012		
10.	Razvoj opšteg modela postupaka rada za različite vrste proizvoda		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		10	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	International :
		2	2

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:		Sladić B. Dubravka	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 29.03.2010	
Scientific or art field:		Automatic Control and System Engineering - Geoinformatics	
Academic carier	Year	Institution	Field
Academic title election:	2013	University of Novi Sad - Novi Sad	Automatic Control and System Engineering - Geoinformatics
Magister thesis	2008		Geoinformatics
Bachelor's thesis	2004		Computer Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	BM119A	The application of geoinformation technologies and systems in medicine	(BM0) Biomedical Engineering, Undergraduate Academic Studies
2.	GG99	Geospatial technologies - basics	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	GI003	Geospatial Data Infrastructure	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
4.	GI006	Satellite Navigation and Navigation Service	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	GI404A	Digital Terrain Models	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
6.	GI408A	Geospatial Databases	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
7.	GI501	Geoportals and Geospatial Services	(GI0) Geodesy and Geomatics, Master Academic Studies (IZ0) Information Systems Engineering, Master Academic Studies
8.	GI502	Location Based Services	(GI0) Geodesy and Geomatics, Master Academic Studies
9.	GIAU05	Geoportals and Geoservices	(E20) Computing and Control Engineering, Master Academic Studies
10.	GI531	Application of GNSS systems	(GI0) Geodesy and Geomatics, Master Academic Studies
11.	GI534	Service oriented architecture in GIS	(GI0) Geodesy and Geomatics, Master Academic Studies
12.	GI700	Geospatial data visualization	(GI0) Geodesy and Geomatics, Master Academic Studies
13.	GIAU02	Position Based Services	(E20) Computing and Control Engineering, Master Academic Studies
14.	SDGI01	Selected topics in geoinformation systems	(GI0) Geodesy and Geomatics, Specialised Academic Studies
15.	SDGI3C	Selected topics in Geoportals	(GI0) Geodesy and Geomatics, Specialised Academic Studies
16.	DGI013	Selected Chapters in Spatial Data Infrastructure and Standardization	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Govedarica M., Petrovački D., Sladić D., Ristić A., Jovanović D., Pajić V., Vrtunski M., Ristić A.: ENVIRONMENTAL DATA IN SERBIAN SPATIAL DATA INFRASTRUCTURE - GEOPORTAL OF ECOLOGY (IF 2010 0.178) positively evaluated and accepted for publication in JEPE 2011, Journal of Environmental Protection and Ecology, 2012, ISSN 1311-5065		
2.	Govedarica M., Sladić D., Petrovački D., Ninkov T., Ristić A.: Metadata Catalogues in Spatial Information Systems (2009 IF = 0.167), Geodetski list, 2010, Vol. 64, No 4, pp. 313-334, ISSN 0016-710X, UDK: 528		
3.	Bošković Dubravka; Standardizovana arhitektura geoinformacionog sistema vodoprivrede Srbije - magistarska teza		
4.	1. Govedarica Miro; 2. Luković Ivan; 3. Bošković Dubravka; Model strukture podataka Geoinformacionog sistema vodoprivrede Srbije, Vodoprivreda, Jugoslovensko društvo za odvodnjavanje i navodnjavanje, Beograd ISSN: 0350-0519, Vol. 39, No. 5-6, Str. 326-336		
5.	1. Bošković Dubravka; 2. Ristić Aleksandra; 3. Govedarica Miro; 4. Pržulj Đorđe; Ontology Development for Land Administration, IEEE International Symposium on Intelligent Systems and Informatics (SISY) (8 ; Subotica ; 2010), Str. 437-442, ISBN 978-1-4244-7395-3		
6.	Sladić D., Govedarica M., Ristić A.: Software Architecture for Semantically Enhanced Composition of Geoservices in Cadastral Systems, IEEE International Symposium on Applied Computational Intelligence and Informatics, Timisoara, 2012, ISBN 978-1-4673-1014-7		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>				
Representative references (minimum 5, not more than 10)					
7.	Ristić A., Govedarica M., Pržulj Đ., Sladić D.: European cadastre in Serbia - domain model, 1. International Scientific Conference - Professional Practice and Education in Geodesy and Related Fields, Kladovo: University of Belgrade - Faculty of Civil Engineering, 24-26 Jun, 2011, pp. 45-49, ISBN 978-86-7518-135-4				
8.	Sladić D., Govedarica M., Jovanović D., Petrovački D.: Spatial Metadata and Ontologies in Cadastral Systems, 6. International Conference on Methodologies, Technologies and Tools Enabling e-Government - MeTTeG12, Beograd: University of Novi Sad, Faculty of Technical Sciences, pp. 11-22, ISBN 978-86-7892-413-2				
9.	Sladić D., Govedarica M., Ristić A.: A solution for efficient management of GIS data in urban planning, 11. International Multidisciplinary Scientific GeoConference - Surveying Geology, SGEM, Bulgaria, 2011, pp. 355-362, ISBN 978-954-91818-1-4				
10.	Sladić D., Govedarica M., Ristić A.: Semantic Metadata in Spatial Information Systems, 9. SISY - International Symposium on Intelligent systems and Informatics, Subotica: IEEE, 8-10 September, 2011, pp. 231-236, ISBN 978-1-4577-1973-8				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :		0			
Total of SCI(SSCI) list papers :		2			
Current projects :		Domestic :	1	International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications



Name and last name:			Sokolović S. Dunja
Academic title:			Assistant Professor
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad
			01.11.2012
Scientific or art field:			Process Technics
Academic carieer	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Process Technics
PhD thesis	2012	Faculty of Technology - Novi Sad	Technological Engineering
Bachelor's thesis	2007	Faculty of Technology - Novi Sad	Technological Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	M3303	Fundamentals of Process Engineering	(M30) Energy and Process Engineering, Undergraduate Academic Studies
2.	M3315	Fundamentals in Ecological Oil Analysis and Gas Industry	(M30) Energy and Process Engineering, Undergraduate Academic Studies
3.	URZP33	Role and Importance of Prevention in Risk Reduction	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP45	Mobile Equipment and Fire Extinguishing Equipment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP47	Fire Risk Management in Industry	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z306A	Process Engineering	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	M3498	Industrial Process Technology	(M30) Energy and Process Engineering, Undergraduate Academic Studies
8.	M3599	Energy efficient separation process	(M30) Energy and Process Engineering, Master Academic Studies
9.	ZP509	Investigation of Fire and Explosion	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies (I20) Engineering Management, Master Academic Studies
10.	DM313	Process Kinetics	(M00) Mechanical Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Sokolović D., Hoeflinger W., Šečerov Sokolović R., Sokolović S., Sakulski D.: Experimental study of mist generated from metalworking fluids emulsions , Journal of Aerosol Science, 2013, Vol. 61, pp. 70-80, ISSN 0021-8502		
2.	Šečerov Sokolović R., Govedarica D., Sokolović D.: Selection of Filter Media for Steady-State Bed Coalescers, Industrial & Engineering Chemistry Research, 2014,ISSN 0888-5885, http://pubs.acs.org/doi/full/10.1021/ie404013e		
3.	Govedarica D., Šečerov Sokolović R., Sokolović D., Sokolović S.: A Novel Approach for the Estimation of the Efficiency of Steady-State Fiber Bed Coalescence, Separation and Purification Technology, 2013, Vol. 104, pp. 268-275, ISSN 1383-5866, UDK: http://dx.doi.org/10.1016/j.seppur.2012.11.034		
4.	Šečerov Sokolović R., Govedarica D., Sokolović D.: Separation of oil-in-water emulsion using two coalescers of different geometry, Journal of Hazardous Materials, 2010, Vol. 175, No. 1-3, pp. 1001-1006, ISSN: 0304-3894.		
5.	Govedarica D., Šečerov Sokolović R., Sokolović D., Sokolović S.: Evaluation of the Separation of Liquid-Liquid Dispersions by Flow through Fiber Beds, Industrial & Engineering Chemistry Research, 2012, Vol.51, No49,pp.1685-1691, ISSN: 0888-5885.		
6.	Sokolović D., Höflinger W., Zavargo Z., Šečerov Sokolović R.: Uticaj ventilacije komore mašine alatke na osobine SHP aerosola, Hemijska industrija, 2012, Vol. 66, No. 1, pp. 67-77, ISSN 0367-598X		
7.	Sokolović D., Šečerov Sokolović R., Sokolović S.: Proučavanje reoloških osobina nestabilnih emulzija mineralnog porekla, Hemijska industrija, 2013, Vol. 67, No 2, pp. 293-301, ISSN 0354-7531, UDK: 665.6:665.614:66:544		
8.	Sokolović S., Zavargo Z., Sokolović D.: SUSTAINABLE DEVELOPMENT, CLEAN TECHNOLOGY AND KNOWLEDGE FROM INDUSTRY, Thermal Science, 2012, Vol. 16, Suppl. 1, pp. S131-S139, ISSN 0354-9836		
9.	Sokolović D., Hoeflinger W., Šečerov Sokolović R., Sokolović S.: Proučavanje SHP aerosola, Zaštita materijala, 2013, No 4, pp. 389-395, ISSN 0351-9465		
10.	Šečerov Sokolović R., Sokolović S., Sokolović D.: Waste polymer fibrous as filter media for oily water separation, 11. World Filtration Congress, Graz: 11th World Filtration Congress - Session PL03 - Solid-Liquid Separation III, 17-20 April, 2012		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			7
Total of SCI(SSCI) list papers :			8

	UNIVERSITY OF NOVI SAD				
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	Study Programme Accreditation				
UNDERGRADUATE ACADEMIC STUDIES		Disaster Risk Management and Fire Safety			
Current projects :	Domestic :	1	International :	1	

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:		Sremac R. Siniša	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.01.2008	
Scientific or art field:		Transport Organization and Technology	
Academic carieer	Year	Institution	Field
Academic title election:	2013		Transport Organization and Technology
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Transport Organization and Technology
Bachelor's thesis	2007	Faculty of Technical Sciences - Novi Sad	Transport System Technologies
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	S015A	Knowledge of Goods in Transport 1	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
2.	S019	Goods transport logistics properties	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
3.	URZP36	Risks in Manipulating Hazardous Substances	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	S015N3	Maintenance and availability of means of transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Tepić J., Todić V., Tanackov I., Lukić D., Stojić G., Sremac S.: Modular system design for plastic euro pallets, Metalurgija, ISSN: 0543-5846, UDK: 621.824:621.886.6:621.887=111, Vol. 51, Broj časopisa 4, 2012.		
2.	Sremac S., Gladović P., Đelošević M., Matić B., Matić A.: Development of Polymer Packaging for Power Cable, Metalurgija, 2014, Vol. 53, No 4, pp. 693-696, ISSN 0543-5846, UDK: 678.2.004.3:621.315.2=111		
3.	Matić B., Tepić J., Sremac S., Radonjanin V., Matić D., Jovanović P.: Development and evaluation of the model for the surface payment temperature prediction, Metalurgija, Vol. 51, No. 3, ISSN: 0543-5846, pp. 329-332, 2012.		
4.	Sremac S., Stojić G., Tepić J., Tanackov T.: Fair Merchandise Supply Simulation Model, Mechanics, Transport, Communications, Academic journal, Issue 3, 20th International Scientific Conference "Transport 2011", ISSN 1312-3823, Pp. I. 22-27, Sofia, Bulgaria, 2011.		
5.	Sremac S., Tepić J., Tanackov I., Stojić G., Mladenović S., Matić B.: Procurement model for copper and polymer electrical products, Metalurgija, 2013, Vol. 52, No 4, pp. 501-504, ISSN 0543-5846, UDK: 669.3:678.7:621.319 = 111		
6.	Sremac S., Bašić S., Tanackov I., Energy efficiency of road and rail freight transport in Serbia, The Junior Scientist Conference; Vienna University of Technology;2010, ISSN 978-3-200-01797-9		
7.	Tanackov I., Simić D., Sremac S., Tepić J., Kocić - Tanackov S.: Markovian Ants in a Queuing System, Berlin, Springer-Verlag, 2010, str. 32-39, ISBN 978-3-642-13769-3, UDK: 10.1007/978-3-642-13769-3_4		
8.	Sremac S., Matić B., Ranitović P.: Application of combined transport in order to improve energy efficiency of transport in Serbia, 4. International Symposium for Students of doctoral studies in the fields of Civil Engineering Architecture and Environmental Protection, Niš, 27-28 Septembar, 2012, pp. 464-470, ISBN 978-86-88601-05-4		
9.	Sremac S., Tanackov I., Tepić J., Stojić G., Krstanić S.: Increasing the efficiency of warehouse operations applying the RFID technology, XLVI International Scientific Conference on Information, Communication and Energy Systems and Tehnologies – ICES 2011, Volume 3, Pp. 779-782, ISBN: 978-86-6125-033-0 29, Niš, Serbia, June 29 – July 1, 2011.		
10.	Tanackov I., Bogdanović V., Tepić J., Sremac S., Ruškić N.: The Application of Artifical Intelligence Hybrid in Traffic Flow, Heidelberg, Springer, Heidelberg, 2011, str. 83-90, ISBN 0302-9743, UDK: 978-3-642-21219-2_12		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		5	
Current projects :		Domestic :	2 International : 0

	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		

Science, arts and professional qualifications



Name and last name:		Stipić S. Matija	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Hydrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010		Hydrotechnics
PhD thesis	2009		Hydrotechnics
Magister thesis	1999		Hydrotechnics
Bachelor's thesis	1987		Hydrotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	URZP40	Stationary Systems for Fire Extinguishing	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP59	Flood Defense Measures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	Z210	Fundamentals of Water Protection	(Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
4.	GG408	Municipal Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GH501	Hydraulics 2	(G00) Civil Engineering, Master Academic Studies
6.	ZP507	Design and Maintenance of Stationary Fire Extinguishing Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
7.	MPK003	Napredno sanitarno inženjerstvo(uneti naziv na engleskom)	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
8.	MPK028	Hydrotechnical objects and systems	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
Representative references (minimum 5, not more than 10)			
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			
Total of SCI(SSCI) list papers :			
Current projects :		Domestic :	International :



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Šafranj F. Jelisaveta	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.10.2000	
Scientific or art field:		English	
Academic carier	Year	Institution	Field
Academic title election:	2014	University of Novi Sad - Novi Sad	English
PhD thesis	2008	Faculty of Philology - Beograd	English
Magister thesis	2000	Faculty of Philology - Beograd	English
Education Specialist Thesis	1994	Faculty of Philology - Beograd	English
Bachelor's thesis	1982	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
2.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p>		
	Study Programme Accreditation		
	UNDERGRADUATE ACADEMIC STUDIES	Disaster Risk Management and Fire Safety	
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
4.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (IIF) Information and Financial Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
5.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
6.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies
7.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
8.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies
9.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies
10.	EJEI1	English in Engineering 1	(IIF) Information and Financial Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
11.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
12.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
13.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
14.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
15.	SIT01	Engleski jezik 1	(SI0) Softverske i informacione tehnologije (Novi Sad)(uneti naziv na engleskom), Undergraduate Professional Studies
16.	ASI431	English Language 2	(AS0) Scene Architecture, Technique and Design, Undergraduate Academic Studies
17.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
18.	EJIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (I20) Information Systems Engineering, Undergraduate Academic Studies
19.	ETI15	Engleski jezik - srednji	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
20.	ETI20	Engleski jezik - napredni	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
Representative references (minimum 5, not more than 10)			
1.	Analiza diskursa udžbenika engleskog jezika, Monografija, Zadužbina Andrejević, Beograd 2006.		
2.	Retorička organizacija poslovne vesti, Monografija, Zadužbina Andrejević, Beograd 2009.		
3.	Engleski jezik za GRID 3 - Academic Writing for Graphic Engineering and Design, FTN Izdavaštvo, Novi Sad 2012.		
4.	Using Internet in English Language Teaching, NEW EDUCATIONAL REVIEW, (2011), vol. 26 br. 4, str. 45-59.		
5.	Reflections of English Language Teachers Concerning Computer Assisted Language Learning (Call), NEW EDUCATIONAL REVIEW, (2011), vol. 23 br. 1, str. 269-282.		
6.	Pragmatički aspekt udžbenika engleskog jezika, Pedagogija, 2009, 1, str.133-145.		
7.	Students' Communicative Competence, Zbornik Instituta za pedagoška istraživanja, 2009, 1, str. 180-195.		
8.	Retorička analiza lida poslovne vesti, Zbornik Matice Srpske za filologiju i lingvistiku, 2011, 1, str.191-210.		
9.	Some Aspects of Technical Statements in Power Engineering, Zbornik radova, XI Međunarodni simpozijum Energetika elektronika Ee 2001, str.150-153.		
10.	Genre Analysis of Research Abstract of an Engineering Scientific Paper, In Proceedings of English Language and Literature Studies: Interfaces and Integrations, 10-12 December 2004, Faculty of Philology, Belgrade, pp.365-374.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		20	
Current projects :		Domestic :	0 International : 1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>	
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Science, arts and professional qualifications

Name and last name:		Turk-Sekulić M. Maja	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		28.12.2004	
Scientific or art field:		Environment Protection Engineering	
Academic carier	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	Environment Protection Engineering
PhD thesis	2009	Faculty of Technical Sciences - Novi Sad	Chemical, Physical and Biological principles in Environment Protection Engineering
Magister thesis	2006	University of Novi Sad - Novi Sad	Chemical, Physical and Biological principles in Environment Protection Engineering
Bachelor's thesis	2003	Faculty of Technology - Novi Sad	Technological Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	Z102	Technical Chemistry	(ZF0) Environmental Engineering, Undergraduate Academic Studies
2.	Z109	Chemical Principles in Environmental Engineering	(ZF0) Environmental Engineering, Undergraduate Academic Studies
3.	Z305A	Environmental data analysis	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
4.	Z151	Chemistry in Mechanical Engineering	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
5.	Z153	Chemistry in Engineering	(Z01) Safety at Work, Undergraduate Academic Studies
6.	Z155	Chemical Principles in Engineering	(Z01) Safety at Work, Undergraduate Academic Studies
7.	Z600	Chemical Phenomena in Engineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	Z482	Analysis and Assessment of Air Quality	(ZF0) Environmental Engineering, Undergraduate Academic Studies
9.	Z570	Methodology of instrumental analysis of air	(ZTF) Environmental engineering, Master Academic Studies
10.	MPK005	Analysis of environmental protection systems	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
11.	MPK021	Izvori i zagađenja životne sredine	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
12.	SZD050	Transport and distribution of pollutants in heterogeneous multicomponent systems	(Z00) Environmental Engineering, Specialised Academic Studies
13.	ZR504A	Chemical risk assessment of fire and explosion	(Z01) Safety at Work, Master Academic Studies
14.	Z507	Physical and Chemical Principles	(ZTF) Environmental engineering, Master Academic Studies
15.	ZD050	Transport and distribution of pollutants in heterogeneous multicomponent systems	(Z00) Environmental Engineering, Doctoral Academic Studies
16.	ZD003	Applied Analysis of Physical and Chemical Parameters	(OM1) Mathematics in Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety </div>			
Representative references (minimum 5, not more than 10)				
1.	Radonić, J., Turk, M., Vojinović Miloradov, M., Klánová, J.: Gas/particle partitioning of persistent organic pollutants generated during the war accident in Serbia, <i>Environmental Science and Pollution Research</i> , 2009, Vol. 16, No. 1, pp. 65-72.			
2.	Turk Sekulić, M., Okuka, M., Šenk, N., Radonić, J., Vojinović Miloradov, M., Vidicki, B. (2013). Assessment of atmospheric distribution of polycyclic aromatic hydrocarbons using a molecular structure model. <i>Atmospheric Research</i> 128: 111–119.			
3.	Turk, M., Jakšić, J., Vojinović Miloradov, M., Klanova, J.: Post-war levels of persistent organic pollutants (POPs) in air from Serbia determined by active and passive sampling methods, <i>Environmental Chemistry Letters (ECL) Journal</i> , 2007, Vol. 5, str. 109- 113.			
4.	Vojinović Miloradov M, Turk Sekulić, M., Radonić, J., Milić, N., Grujić Letić, N., Mihajlović, I., Milanović, M. (2013). Industrial emerging chemicals in the environment. <i>Hemijska industrija</i> , DOI: 10.2298/HEMIND121110028V.			
5.	Milić, N., Spanik, I., Radonić, J., Turk Sekulić, M., Grujić, N., Vyviurska, O., Milanović, M., Sremački, M., Vojinović Miloradov, M. (2013). Screening analyses of wastewater and Danube surface water in Novi Sad locality, Serbia. <i>Fresenius Environmental Bulletin</i> , ISSN: 1018-4619, Izdavač: Parlar scientific publications, Urednik: , Volume, No.: str (DOI:)			
6.	Radonić (Jakšić) J., Vojinović-Miloradov M., Turk Sekulić M., Kiurski J., Đogo M., Milovanović D.: The octanol-air partition coefficient, KOA, as a predictor of gas-particle partitioning of polycyclic aromatic hydrocarbons and polychlorinated biphenyls at industrial and urban sites, <i>Journal of Serbian Chemical Society</i> , 2011, Vol. 76, No 3, pp. 447-458, ISSN 0352-5139, UDK: doi: 10.2298/JSC100616037R			
7.	Milić N., Milanović M., Grujić Letić N., Turk Sekulić M., Radonić (Jakšić) J., Mihajlović I., Vojinović-Miloradov M.: Occurrence of antibiotics as emerging contaminant substances in aquatic environment DOI: 10.1080/09603123.2012.733934, <i>INT J ENVIRON HEAL R</i> , 2012, pp. 1-15, ISSN 0960-3123			
8.	Turk Sekulić M., Radonić (Jakšić) J., Vojinović-Miloradov M., Šenk N., Okuka M.: Assessment of Atmospheric Distribution of Polychlorinated Biphenyls and Polycyclic Aromatic Hydrocarbons Using Polyparameter Model, <i>Hemijska industrija</i> , 2011, Vol. 65, No 4, pp. 371-380, ISSN 0367-598X, UDK: 504.5(497.11):547.621			
9.	Radonić (Jakšić) J., Čulibrk D., Vojinović-Miloradov M., Kukić B., Turk Sekulić M.: Prediction of gas-particle partitioning of PAHs based on M5' model trees, <i>Thermal Science</i> , 2011, Vol. 15, No 1, pp. 115-124, ISSN 0354-9836, UDK: doi: 10.2298/TSCI100809005R			
10.	Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle-bound polycyclic aromatic hydrocarbons in the vicinity of the industrial zone of the city of Novi Sad DOI: 10.2298/HEMIND120113062J, <i>Hemijska industrija</i> , 2012, pp. 1-36, ISSN 0367-598X			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	0			
Total of SCI(SSCI) list papers :	8			
Current projects :	Domestic :	2	International :	3

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety</p>		
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Science, arts and professional qualifications

Name and last name:			Vasić V. Milinko
Academic title:			Full Professor
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad
			15.03.1976
Scientific or art field:			Geotechnics
Academic carieer	Year	Institution	Field
Academic title election:	2007	Faculty of Technical Sciences - Novi Sad	Geotechnics
PhD thesis	1993	Faculty of Mining and Geology - Beograd	Geotechnics
Magister thesis	1983	Faculty of Mining and Geology - Beograd	Geotechnics
Bachelor's thesis	1975	Faculty of Mining and Geology - Beograd	Geotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG01	Engineering Geology	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GI102	Fundamentals in Geosciences	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
3.	GP404	Geotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP18	Stability of terrain	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	MPK017	Fundamentals of Geosciences	(MPK) Water Treatment and Safety Engineering - TEMPUS Master Academic Studies
6.	GP504	Tunnels	(OM1) Mathematics in Engineering, Master Academic Studies (G00) Civil Engineering, Master Academic Studies
7.	GD002	Selected Chapters in Foundation	(G00) Civil Engineering, Doctoral Academic Studies
8.	DGI020	Selected chapters in geodynamics	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Vasić M. Inženjerska geologija, udžbenik, FTN, 2002, 305str.		
2.	Vasić M.Geotehničke klasifikacije stenskih masa za podzemne objekte, Monografija, FTN, 2007, 180str.		
3.	P. Lokin., N.Pavlović., M.Petričević., M.Vasić : Primeri istraživanja klizišta u području Tuzle, naučno-stručni časopis Rudarstvo br17-18-Istraživanje i sanacija klizišta, str. 92-102., Tuzla, 2000.		
4.	P.Lokin, M.Vasić., M.Petričević, M., Z. Janošev: On the disturbance and protection of the geological medium in natural parks with special reference to Fruška Gora, eighth Internacionol Congress International Association for Engineering Geology and the Environment, str. 2659-2666, Vancouver, Canada, 1998.		
5.	Lokin,P., Vasić,M., Saković,S., Petričević,M.: Landslide along the Danube bank at Novi Sad, Yugoslavia, 7. international symposium on landslide, str.803-808, Trondheim, Norway, 1996.		
6.	Vasić,M., Vasić,S: Klasifikovanje stenskih masa za podzemne objekte primenom računarskog programa KLASA IPO-96, Medjunarodna konferencija-Pravci razvoja geotehnike, str. 414-423, Beograd, 1996.		
7.	Đogo, M., Vasić, M., (2011): Landslide in the area of the bridge on the Danube in Novi Sad. Proceedings of the ICE - Geotechnical Engineering, Volume 164, Issue 1, pp. 3-10, Thomas Telford, London. ISSN: 1353-2618, E-ISSN: 1751-8563, DOI: 10.1680/geng.2011.164.1.3		
8.	Đogo, M., Vasić, M., Čosić, M., (2011): Engineering geological evaluation of the conditions for constructing a bridge and a tunnel in the zone of the old Petrovaradin Fortress. Bulletin of Engineering Geology & the Environment, Volume 70, Number 1, pp. 139-142, Springer, Berlin. ISSN: 1435-9529, E-ISSN: 1435-9537, DOI: 10.1007/s10064-010-0292-0		
9.	Vasić, M., Đogo, M., (2012): Settlement of the Fabus building due to the infiltration of water into the loess soil. GNP 2012. 4 internacionalni naučno-stručni skup Građevinarstvo-nauka i praksa, Zbornik radova, pp. 1231-1236, Žabljak.		
10.	Đogo, M., Vasić, M., (2012): Geotechnical investigations for the oil Refinery in Novi Sad, Serbia. 11th Australia - New Zealand Conference on Geomechanics, ANZ 2012 Conference Proceedings, pp. 1118-1122, Melbourne.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		3	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	International :
		2	0



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 10. Organizational and Material Resources

To perform the study programme, the adequate human, spatial, technical and technological, library and other resources suitable to the study programme features and predicted students' number are provided. Classes on the study programme are held in such a manner so the minimum of 2 m² of space is provided per student.

Lectures are held in amphitheatres, classrooms, computer and specialized laboratories. The library has over 100 bibliographical units relevant for the study programme Risk and Fire Protection Management. There is also adequate equipment for all courses with the appropriate textbook literature, devices and supplementary equipment available on time and in a sufficient number for normal performance of the teaching process. Thereby, the adequate information technology is also available for performing the study programme and the materials from the lectures and practice as well as the use of lecturing material is available at the faculty website http://www.ftn.uns.ac.rs/_data/nastava).

Faculty has the library and the study room and provides a seat for each student in amphitheatres, classrooms and specialized laboratories.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Disaster Risk Management and Fire Safety

Standard 11. Quality Control

The quality control of the study programme is performed regularly and systematically through self-evaluation and external quality control. The Faculty of Technical Sciences has experience in making students' questionnaires for several decades.

Quality checks of curriculum are being implemented through:

- students' questionnaires at the end of the teaching process in respect of the given course.
- graduates' questionnaires on the occasion of receiving diplomas, regarding the quality of curriculum and logistic support of studies, place of studies (cleanness and tidiness of classrooms, hygiene nodes, ...)
- Students' questionnaires during the academic year validation.
- Students' questionnaires when enrolling the academic year. The students then assess the degree program

which they ended in the previous year.

- questionnaires of the teaching and administrative staff on the quality of curriculum and logistics that are supporting the studies. In this questionnaire, the Dean, student services, libraries, and other departments of the Faculty are evaluated.

Study program quality monitoring is done through a Commission consisting of the department heads who participate in the implementation of a program, and one student representing each year of the study.



Study Programme Accreditation
UNDERGRADUATE ACADEMIC STUDIES Disaster Risk Management and Fire Safety

Standard 12. Distance Education

Distance learning is not provided for.