STUDY PROGRAMME ACCREDITATION MATERIAL:

DISASTER RISK MANAGEMENT AND FIRE SAFETY

MASTER ACADEMIC STUDIES

Novi Sad

2019.

Content

Content

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, proffesional or art field	IMT Studije (Disaster Risk Management and Fire Safety; Industrial Engineering and Engineerin Management; Civil Engineering)
Type of studies	Master Academic Studies
Study scope, expressed in ECTS	60
Academic degree, abbreviation	Master in Disaster Risk Management and Fire Safety, M.Dis.Ris.Managem.Fir.Saf.
Study length	1
Programme implementation starting year	2011
Future course implementation starting year (for new programme)	
Number of students attending this programme	47
Planned number of students to be enrolled in this programme	32
Programme approval date (state the approval issuer)	13.03.2019 - Science Education Council
Programme language	Serbian, English
Programme accreditation year	2011
Web address containing programme information	http://www.ftn.uns.ac.rs

Standard 00. Introduction

The study programme of the graduate academic studies in Risk and Fire Protection Management presents the continuation of the undergraduate academic studies of Risk and Fire Protection Management at the Faculty of Technical Sciences, University of Novi Sad.
Engineering and technical disciplines are incorporated into the realization of the curriculum of the undergraduate and graduate academic studies of Risk and Fire Protection Management, thus representing a highly multidisciplinary and interdisciplinary programme. In the realization of the programme, curriculums in architecture, civil engineering, electrical engineering, mechanical engineering, management, design and in basic scientific disciplines of mathematics, chemistry, physics and others are studied, thus completing the multidisciplinary image of the study programme.
The Graduate Master Programme of Risk and Fire Protection Management should enable students within the elected study group to additionally generalize and widen their knowledge based on the understanding of the basic principles of different fields in the Risk and Fire Protection Management, to master additional professional knowledge for the realization of the contemporary technical systems, to acquire ability to integrate knowledge which is to be applied in each specific case and introduced in the research, individual and creative work during the realization of the study programme.

Standard 01. Programme Structure

The name of the study programme is Risk and Fire Protection Management.
The acquired academic title is Master 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, and enables the continuation of the studies if students decide so. The study programme prerequisites for the enrolment are completed undergraduate studies with at least 240 ECTS and the passed enrolment examination.

The course consists of lectures and practice. During the teaching process, students are referred to the independent research and the emphasis is placed on his personal involvement in the teaching process. 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 companies or other institutions.

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 60 ECTS in the process.

Standard 02. Programme Objectives

The purpose of the Study Programme is the education of students for the profession of Master in Risk and Fire Protection Management in accordance with the needs of society.
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 industry, economy, profession, sciences and technical engineering development. The purpose of the Study Programme of Risk and Fire Protection Management is completely in accordance with the graduate objectives and goals of the Faculty of Technical Sciences.
Graduated engineers of Risk and Fire Protection Management– Masters are educated by realization of the study programme designed in this way and possess competences, comparability and competitiveness in the European and worldwide circles.

Standard 03. Programme Goals

The objective of the study programme is to achieve student`s scientific competencies and academic skills in the field of Risk and Fire Protection Management. By continuing undergraduate and doing additional basic scientific disciplines as well as additional professional courses of the Master degree, students are able to develop creative abilities in considering problems and the ability of critical thinking, the development of teamwork skills and the mastering of specific theoretical, as well as applicative skills.
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 built environment, industrial systems and environment as well as in the classical and specialized engineering disciplines with an emphasis on the preventive measures while managing risks and fire protection during natural disasters in urban environment, in the processing industry, while manipulating dangerous materials…
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, the sustainable development and the environmental protection. The objective of the study programme is to educate Masters for the teamwork, while developing the ability to represent scientific results to the professional and wider public, but also to create Masters able to be involved in the scientific research.

Standard 04. Graduates` Competencies

Graduate students of the graduate academic studies in Risk and Fire Protection Management are competent and qualified to solve complex, multidisciplinary problems in the theory and practice. 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.

Qualifications that indicate the end of the graduate academic studies acquire students:

•who have demonstrated systematic knowledge and understanding in the field of risk and fire protection management that complements the knowledge gained at the undergraduate academic studies, being the basis for developing critical thinking and application of knowledge;

•who are able to apply knowledge in solving problems in the new or unknown environment;

•who have the ability to integrate knowledge, solve complex problems and make decisions based on the available information taking into consideration social and ethical responsibilities related to the application of their knowledge and judgements;

•who are able to clearly and unambiguously transfer knowledge and the way of making conclusions to the professional and wider public;

•who possess the ability to continue the studies in the way they independently choose.

When it comes to the specific capabilities of students, mastering the study programme of the graduate studies, the students acquires detailed knowledge and understanding of all disciplines of the chosen study group, as well as the ability for solving specific problems using the scientific methods and procedures.

Graduated students of Risk and Fire Protection Management are able to adequately define and present results of their work by intensive use of information-communication technologies.

Graduated students from this level of study possess additional competences compared to the students at undergraduate studies, for the application of knowledge in the practice and anticipation and application of the novelties in practice.

Students are enabled to design projects, organize and manage risks and fire protection. During their education, students acquire knowledge to independently plan and carry out experiments of tatistical data processing as well as to define and make adequate conclusions.

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

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 includes elective courses with at least 30% points.
Through elective courses, students meet their affinities profiled during undergraduate academic studies.
Fundamental scientific disciplines, studied at this level, give the research character of the program, enabling even better understanding of complex processes in environment, with conditions for further scientific research of students. All courses last one semester and carry a certain number of points where one point corresponds to about 30 hours of student activities.
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 45 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 of the graduate - master thesis, which consists of theoretical and methodological preparation necessary for indepth understanding of the chosen field for writing master thesis paper.
Prior to the defence of the paper, a candidate has to pass the theoretical and methodological foundations, before a Commission, as a rule, that is composed for the defence. The final assessment of the diploma paper i.e. master paper is performed on the basis of the passed theoretical and methodological preparation and elaboration evaluation and defence of the paper itself. Final paper is defended before a committee consisting of at least three professors, of whom one member has to be from another Department or Faculty.

Table 5.1 Courses schedule by semester and year of study

Study programme: Disaster Risk Management and Fire Safety

No.	Course ID	Course name		S	Type	Status	Active lessons				Other classes	ECTS
							Lec	Pra	SRW	OTT		
FIRST YEAR												
1	17.ZP501	Integrated Natural Disaster Risk Management		1	TM	M	2	0	0	0	0	4
2	17.URZP62	Assessment of Damaged Structures		1	TM	M	2	2	0	0	0	4
3	17.ZP512	Protection and Rescue Plans		1	SA	M	2	2	0	0	0	3
4	17.URZP73	Organization of Construction Works in the Reconstruction of the Settlement		1	TM	M	2	0	0	0	0	4
5	17.ZPMI0	Elective Course 1 (select 1 out of 2)		1		EB	2	2	0	0	0	4
		17.URZP55	Fire and Explosion Protection due to Electricity	1	NS	E	2	2	0	0	0	4
		17.ZP506	Crisis Management	1	NS	E	2	2	0	0	0	4
6	17.ZPMI1	Elective Course 2 (select 1 out of 2)		1		EB	2	0-2	0	0	0	4
		17.ZP509	Fire and Explosion Investigation	1	SA	E	2	0	0	2	0	4
		17.URZP64	The Role of Media in Risk Reduction	1	NS	E	2	2	0	0	0	4
7	17.URZ504	Professional Practice		1	SA	M	0	0	0	0	6	4
8	17.ZP510	Risk Analysis in Decision Making Process		2	TM	M	3	2	0	0	0	5
9	17.ZPMI3	Elective Course 4 (select 1 out of 2)		2		EB	2	2	0	0	0	4
		17.ZP507	Design and Maintenance of Fire Suppression Systems	2	SA	E	2	2	0	0	0	4
		17.ZP511	Financial Resistance to Risks	2	TM	E	2	2	0	0	0	4
10	17.URZP74	Evacuation Calculation and Modelling		2	SA	M	2	0	0	0	0	3
11	17.URZP02	Study Research Work on theoretical basis of the master thesis		2	NS	M	0	0	12	0	0	15
12	17.URZP01	Master Thesis – Elaboration and Defence		2	SA	M	0	0	0	0	5	6
						Active lessons - total:	49					
											Total ECTS:	60

Table 5.2 Course specification

Course:		Integrated Natural Disaster Risk Management
Course id:	ZP501	
Number of ECTS:	4	
Teachers:		Popov B. Srđan, Ćosić I. Đorđe
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:

The objective of the course is to equip students with the methods and techniques of integral disaster risk management. Mastering knowledge about appropriate activities to be carried out before, during, and after catastrophic events with the aim of integrated risk management.

2. Educational outcomes (acquired knowledge):

Students will be competent to apply methods and techniques of integral disaster risk management in practice. Also, students will be competent to analyse potential natural or technological hazards and to make own conclusions about necessary actions in case of different catastrophic events realization.

3. Course content/structure:

Advanced techniques used during integral risk management.

4. Teaching methods:

Lectures, Practice, Consultations.

Knowledge evaluation (maximum 100 points)

Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points
Complex exercises	Yes	30.00	Written part of the exam - tasks and theory	Yes	30.00
Exercise attendance	Yes	10.00			
Project	No	30.00			
Test	Yes	10.00			
Test	Yes	10.00			
Test	Yes	10.00			

Literature

Ord.	Author	Title	Publisher	Year
1,	Birkmann, J.	Measuring Vulnerability to Natural Hazards : Towards Disaster Resilient Societies	United Nations University Press	2013
2,	Popov, S., i dr.	Modelovanje i simulacija u upravljanju rizikom	Fakultet tehničkih nauka, Novi Sad	2016
3,	Yosef Jabareen	The Risk City: Cities Countering Climate Change: Emerging Planning Theories and Practices Around the World	Springer	2015

Table 5.2 Course specification

Course:		Assessment of Damaged Structures
Course id:	URZP62	
Number of ECTS:	4	
Teacher:		Lukić M. Ivan
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 knowledge about basic types of structure damage after catastrophic events and fire, as well as about methodologies and methods for the assessment of the actual state and safety of the damaged structures.

2. Educational outcomes (acquired knowledge):

Acquired knowledge is used in professional courses and in engineering practice. The student is competent for the use of different non-destructive and destructive methods of examination, registration and classification of defects and damages, identification of the cause for the appearance, and for rough estimation of the state and safety of the structures after catastrophic events and fire.

3. Course content/structure:

Destructive and non-destructive methods of examination (equipment, procedures, application possibilities). Classification and manifestation of damage on the structures after catastrophic event (fire, earthquakes, explosions, floods, overload, etc.). Examination methodology and assessment of the structure. Technical regulations. Examples of examination and damage assessment of the structures.

4. Teaching methods:

Within lectures, presentations in the form of photographs, tables, diagrams, formulas and highlighted texts-definitions are used to explain the course content of the syllabus to the students. Short topic movies are also presented. Within laboratory practice, students can see and independently carry out non-destructive examinations. During auditory practice students are presented with different structures which were assessed with an objective to better understand methodology, data processing and methods of making conclusions. During the semester, part of the exam may be taken in the form of two colloquiums. The examination is oral.

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,	G.S.T. Armer	Monitoring and Assessment of Structures	SPON Press, London & New York	2001
2,	John H. Bungey, G. MIllard, M.G.Grantham	Testing of Concrete in Structures	SPON Press, London	2006
3,	Radonjanin Vlastimir, Mirjana Malešev	Procena stanja građevinskih objekata - materijal sa predavanja	Predmetni nastavnici	2011

Table 5.2 Course specification

Course:		Protection and Rescue Plans
Course id:	ZP512	
Number of ECTS:	3	
Teacher:		Laban Đ. Mirjana
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 course objective is to acquire necessary knowledge for protection and rescue of people under the circumstances of natural disasters, catastrophic events and fire.

2. Educational outcomes (acquired knowledge):

After the passed examination students will be able to identify and classify risks for inhabitants, vulnerability of people, and to formulate, define and plan protective measures for people rescue under the conditions of natural disasters, catastrophic events and fire.

3. Course content/structure:

Organization and the methods of alarming the people in case of natural disaster and natural catastrophe (earthquakes, floods, landslides). Technical-technological accidents (dangerous substances, terrorism) and bigger fires (in the open, in the facilities, on reservoirs of flammable liquids, on transportation vehicles, in industrial plants). Phenomena, concept and organization of the rescue of people, material goods and cultural property. Protective and rescue measures. Preventive measures. Needs and possibilities of the protection of people, material goods and environment from the consequences of catastrophic events. Protective facilities. Methodology of planning the needs for shelters. Maintenance of shelters. The concept and objective of people evacuation, place of evacuation, time of evacuation, elements of evacuation. Planning and designing the plans of evacuation. Rescue from the rubble. Power, means and equipment for the protection from rubble. Planning and protection from earthquakes and landslides. Planning the flood defense and rescue. Protective and rescue measures from natural disasters: wind, snow, hail, ionizing radiation, and chemical contamination. Protective and rescue measures from fire in the open space-wood fire. Protective and rescue equipment.

4. Teaching methods:

The course is held via auditory lectures accompanied by slides and auditory practice which further encourage solving certain problems. Both lectures and practice are followed by a great number of examples from the practice. Besides, it is planned that representatives from institutions and firms also give a lecture, and that students visit institutions and firms typical for the field of interest in the lecturing units.

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,	Lucien G. Canton	Emergency Management: Concepts and Strategies for Effective Programs	Wiley-Interscience, London	2006
2,	NASAR USA	Fundamentals of Rotating Machinery Diagnostics	Jones & Bartlett Learning	2005

Table 5.2 Course specification

Course:		Organization of Construction Works in the Reconstruction of the Settlement
Course id:	URZP73	
Number of ECTS:	4	
Teachers:		Trivunić R. Milan, Mučenski Lj. Vladimir, Peško N. Igor
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:

Acquiring knowledge about the process of building and reconstruction of buildings and ways of organizing works.

2. Educational outcomes (acquired knowledge):

Ability to create global elaborates for the development of dynamic construction and reconstruction plans, defining measures for safe and healthy work. The acquired knowledge is directly applied in engineering practice.

3. Course content/structure:

The project of technology and construction organization. Construction conditions. The relationship between building technology and reconstruction and site organization. Schemes of the site organization. Measures for safe and healthy construction work. Construction organization and adopted technology. Methods of planning (network plan, gantogram). Processing plans on a computer.

4. Teaching methods:

Teaching is realized as lectures in the form of presentations on individual methodical units and graphic practice performed individually by students during the class and assisted by an assistant. In practice classes, based on the obtained information (lectures, literature, consultations and general introduction at the beginning of exercises) students solve the set tasks (graphic practice). All completed and positively graded papers are a prerequisite for taking the examination. Examination includes the entire course content presented during the semester, and it is in written and oral form. Written part of the examination can also be taken as two modules during the teaching process. Examination grade is formed on the basis of lecture and practice attendance, points from graphic papers, written and oral examination.

Knowledge evaluation (maximum 100 points)					
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points
Graphic paper	Yes	20.00	Coloquium exam	No	20.00
Homework	Yes	5.00	Coloquium exam	No	20.00
Lecture attendance	Yes	5.00	Theoretical part of the exam	Yes	30.00
			Practical part of the exam - tasks	Yes	40.00

Literature

Ord.	Author	Title	Publisher	Year
1,	Trivunić, M., Matijević, Z.	Tehnologija i organizacija građenja - praktikum	Fakultet tehničkih nauka, Novi Sad	2009
2,	Trbojević, B.	Organizacija građevinskih radova	Naučna knjiga, Beograd	1992
3,	Trivunić M.	Materijal sa predavanja		2017

Table 5.2 Course specification

Course:		Professional Practice
Course id:	URZ504	
Number of ECTS:	4	
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	6

Precondition courses	None

1. Educational goal:

The project task elements; Defining of the research goal and tasks; Determination and description of the basic issues through the key theses elaboration; Basic methods, techniques and instruments for realization of the professional practice project – selection of the methods appropriate to the project task and envisaged empirical research; Basic elements of research results presentation – principles of successful presentation and various forms and characteristics of individual forms, for example, the contents of a written document, oral, electronic presentation; Defining the specific project task of the professional practice for each student – goals and tasks, student obligations and organization obligations (if the project is implemented in a specific organization), work methods, form and content of the final report, etc

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:

Application of different research methods, consultations (individual and group). Application of different teaching methods besides practical work.

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
1,	Grupa autora	Odgovarajući materijal neophodan za rešavanje konkretnih problema.		--

Table 5.2 Course specification

Course:		Fire and Explosion Investigation
Course id:	ZP509	
Number of ECTS:	4	
Teachers:		Radeka M. Miroslava, Lukić M. Ivan
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:

Acquiring theoretical and practical knowledge necessary for investigation of circumstances and causes which led to fire and explosion.

2. Educational outcomes (acquired knowledge):

Acquired theoretical and applied knowledge enables clarification of circumstances which led to fire.

3. Course content/structure:

Methods of fire investigation. Inspecting fire causes. Analysis of the fire manifestation. (traces of fire outside and inside the space). Manifestation of fire in transportation vehicles. Methods of determining the place of fire origin. Event reconstruction and report elaboration. Application of laboratory methods for fire expertise. Modern information technologies used in investigation and fire expertise.

4. Teaching methods:

Lectures, Term Paper, Presentation, Consultation.

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,	edited by Niamh Nic Daéid	Fire Investigation	CRC Press LLC, Boca Raton, Florida, USA	2004
2,	U.S. Department of Justice Office of Justice Programs National Institute of Justice	Fire and Arson Scene Evidence: A Guide for Public Safety Personnel	U.S. Department of Justice Office of Justice Programs, Washington DC, USA	2000
3,	David D. Redsicker John J. O Connor	Practical Fire and Arson Investigation	CRC Press LLC, Boca Raton, Florida, USA	1987
4,	Aleksić Ž., Kostić R.	Požari i eksplozije	Savremena administracija, Beograd	1983

Table 5.2 Course specification

Course:		Fire and Explosion Protection due to Electricity
Course id:	URZP55	
Number of ECTS:	4	
Teachers:		Juhas T. Anamarija, Pekarić-Nađ M. Neda
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 basic physical properties and laws in electrical engineering. Students acquire knowledge about hazards in the working space due to atmosphere and induced electricity, excessive currents in electrical circuits, excessive flux variation in magnetic circuits, as well as excessive power transfer in one-phase and symmetrical three-phase circuits of time variable currents. Numerical calculations develop student`s sense of size order of physical units describing certain phenomena.

2. Educational outcomes (acquired knowledge):

Students are trained to understand and use ``Regulations on general measures for occupational safety due to dangerous effects of electricity in the working facilities, offices and at construction sites``, ``Official Gazette of the Republic of Serbia``, no. 21/89. After completing the course, students also acquire engineering intuition which helps them identify risks and prevent fire and explosion due to electricity.

3. Course content/structure:

Coulomb`s law. Electric field. The potential. Voltage. Capacitance. Critical field. Breakdown voltage. Protection against static electricity. Direct current. Kirchhoff laws. Matched load. The maximum power transfer. The magnetic field. Biot-Savart law. Ampere`s law. Magnetic circuits. Faraday`s law of electromagnetic induction. Sinusoidal currents and voltages. Complex power. Symmetrical three-phase systems. Protection against excess current. Technical standards for protection against fire and explosion.

4. Teaching methods:

Lectures are oral presentations accompanied by demonstration of measuring instruments and numerical problems solving on blackboard. Besides, multimedia presentations, photos and video clips are also presented.

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,	Republika Srbija	PRAVILNIK o opštim merama zaštite na radu od opasnog dejstva električne struje u objektima namenjenim za rad, radnim prostorijama i na radilištima	"Službeni glasnik RS", br. 21/89	1989
2,	Juhas, A., Milutinov, M., Pekarić-Nađ, N.	Zbirka zadataka iz osnova elektrotehnike : za strukovne studije	Fakultet tehničkih nauka, Novi Sad	2012
3,	Rizzoni, G.	Principles and applications of electrical engineering	McGraw-Hill	2007

Table 5.2 Course specification

Course:		The Role of Media in Risk Reduction
Course id:	URZP64	
Number of ECTS:	4	
Teachers:		Beleslin P. Iva, Ratković-NJegovan M. Biljana
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:

Mastering the knowledge and skills necessary for efficient professional, responsible, ethical and legal usage of the media in risk prevention, increase of personal, corporate, and social security, and mastering the skills necessary for establishing optimal crisis communication with the public through the media in all phases of the crisis, in the post-crisis period as well in prevention phase.

2. Educational outcomes (acquired knowledge):

Students will be educated and trained for efficient use of the media in risk prevention, as well as to communicate with modern media systems in terms of endangered security of people, facilities and environment.

3. Course content/structure:

1.INTRODUCTION - Media as a means of communication; development of media and dominant models of communication throughout history; modern media. - The influence of the media on the public - analysis of different theoretical approaches; the influence of media on defining reality. - Classical and modern media as a factor of prevention and security; international, national, corporate and personal security, security on the Internet - Social Responsibility of Media. 2. FEATURES of media role in terms of increased risk – Specifics of interaction between the media and the public in terms of risk events/situations; Role of public services and commercial media in terms of increased risk; Media as a factor of influence on the prevention, flow and elimination of consequences of risk situations; - Significance of media nomination, classification and risk assessment of events/situations; Characteristics of media forms in the presentation of risk situations; - Basic models of communication with the media in crisis situations. 3. PREVENTION OF RISK THROUGH COMMUNICATION WITH THE MEDIA - The role of the media in growing awareness about the importance of prevention and reduction of risk; - Preparation, processing and distribution of printed, audio, photo, video and mixed media releases. 4. COMMUNICATION WITH THE MEDIA DURING THE CRISIS SITUATIONS - The influence of the media in a human-factor induced crisis, due to natural factors and crises caused by the combined action of natural and human factors; - Basic models and phases of media processing of risk situations (5 basic stages in media processing the crisis) - The causes of inadequate media coverage of events; Example analysis of media processing accident, trouble, emergency, crisis and disaster; - Effect of media in social conflicts and crises. 5. MEDIA AS A FACTOR IN ELIMINATING THE CONSEQUENCES OF CRISIS – Methods of (re)activation of media during the post crisis period.

4. Teaching methods:

Teaching is conducted through lectures, auditory and practical exercises.

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
Project	Yes	15.00			
Term paper	Yes	10.00			

Literature

Ord.	Author	Title	Publisher	Year
1,	M. Regester, M., Larkin,	Risk Issues and Crisis Managementt: A Casebook of best practice (3rd edition)	Kogan Page, London	2005
2,	Keković, Z.	Proces integralnog upravljanja rizicima	Fakultet bezbednosti, Beograd	2001
3,	Mortensen, M.S.	Public Relations in Crisis and Disaster. A Breif Introduction for Practitioners		2008
4,	Kostić, B.	Media management in latent phase of social conflicts. XIV International Scientific Conference on Industrial Systems	Fakultet tehničkih nauka, Novi Sad	2008
5,	Fearn-Banks,S.	Crisis Communications: A Casebook Approach	Lorens Erlbaum, London	2000
6,	Virilio, P.	Od terora do apokalipse, Nova Srpska politička misao, Debate br 4. Svet posle 11. septembra,	Nova Srpska politička misao, Beograd	2002
7,	George D. Haddow, Kim S. Haddow	Disaster Communications in a Changing Media World	Elsevier	2009

Literature

Ord.	Author	Title	Publisher	Year
8,	Schwarz, A., Seeger, M. W., Auer, C.	The Handbook of International Crisis Communication Research (Handbooks in Communication and Media) 1st Edition	John Wiley & Soons, UK	2016

Table 5.2 Course specification

Course:		Crisis Management
Course id:	ZP506	
Number of ECTS:	4	
Teachers:		Ćulibrk M. Jelena, Pečujlija D. Mladen
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 main objective of the course is to help students understand and develop knowledge and skills necessary for crisis situation management. The complex content of the course will be viewed and analyzed from many perspectives. The course focuses on the following questions through combination of theoretical lectures and practical projects: hazards (geological, meteorological, biological and technical), vulnerability and risk assessment, risk reduction from catastrophes, emergency planning, financial planning for catastrophes, business strategies in emergency situations and crisis management. The course will help students develop skills for risk management, analysis of complex problems, assessment of possible solutions and implementations planning of risk management.

2. Educational outcomes (acquired knowledge):

Students will be able to completely understand natural and technical hazards, vulnerability and catastrophic risks; they will develop ability to analyze risks, threats and possibilities, and also to create and implement solutions. Students will master techniques for risk reduction against catastrophes and for their management, including abilities to manage emergency situations and ensure business continuity in those situations. Students will develop mapping skills through practical work using geo-information systems.

3. Course content/structure:

The course will cover the following units through combination of theoretical lectures and practical projects: Hazards, vulnerability, risk and catastrophe: assessment of hazards (natural and anthropogenic), vulnerability and risk, the characteristics of disasters, their assessment and management. Business continuity and crisis management: the unit for business continuity and planning for crises; framework and procedures for training and organizational preparation for the crisis. Financial planning for national disaster: the economy of catastrophe (local, national, international), financial risk management, catastrophe modeling, insurance and reinsurance through series of case studies from Great Britain, Turkey and small island states in the Caribbean`s. Catastrophe management techniques: methods and techniques used in the catastrophe risk assessment, GPS and GIS mapping for search and rescue actions. Natural disasters: geological, meteorological, biological and technological catastrophes, fast and slow occurring disasters; climate change impact, managing disasters and mitigation. Organizational risk: identification and corporate safety risk management.

4. Teaching methods:

Lectures, Practice, Consultations, discussing specific problems in the field of crisis management, case studies, term paper elaboration.

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			
Presentation	Yes	10.00			
Term paper	Yes	20.00			
Test	Yes	10.00			

Literature

Ord.	Author	Title	Publisher	Year
1,	Avdalović, V., Ćosić, Đ., Avdalović, S.	Upravljanje rizikom u osiguranju	Fakultet tehničkih nauka Novi Sad	2008
2,	Christine M. Pearson and Judith A. Clair	Reframing Crisis Management	The Academy of Management	1998
3,	Myron S. Scholes	Crisis and Risk Management	American Economic Association	2000
4,	Petrus Johannes Maria van Oosterom, Siyka Zlatanova, Elfried	Geo-information for disaster management	Springer	2005

Table 5.2 Course specification

Course:		Risk Analysis in Decision Making Process
Course id:	ZP510	
Number of ECTS:	5	
Teachers:		Ivetić B. Jelena, Laban Đ. Mirjana, Kolaković S. Slobodan
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 acquire necessary knowledge for decision making in disaster and fire risk management process.

2. Educational outcomes (acquired knowledge):

After passing the exam, students will be trained to identify and classify the system, analyze the risks at all stages of the disaster cycle and assess the circumstances and their influence on the outcome of the decision-making process in terms of both prevention and the realization of a catastrophic event.

3. Course content/structure:

Basics of probability theory (sample space and events, probability definitions, conditional probabilities, Bayes rule); Descriptive statistics (measures, graphical representations); Uncertainty modeling (random variables, stochastic processes and extreme values); Estimation, statistical tests and model building (Parameter estimation, Statistical tests, Model building and evaluation); Bayesian decision analysis.

System definition, Systems view of integrated disaster management, System formulation examples, Simulation, System dynamics simulation, System approach to Disaster risk management, Source of uncertainty, Conceptual risk definition, Probabilistic approach, Engineering decisions under uncertainty, Decision making and integrated risk management: Individual decision making, Decision making in organizations, Decision making in government, Implementation of system analysis to management of disasters, Human behaviour during disasters

4. Teaching methods:

The course is held via auditory lectures accompanied by slides and examples case studies of good practice which will encourage detailing and solving certain problems. Visits to enterprises and institutions are also planed, as well as the lectures provided by experts.

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,	Havbro Faber, M.	Statistics and Probability Theory : In Pursuit of Engineering Decision Support (Topics in Safety, Risk, Reliability and Quality)	Springer	2012
2,	Simonović, S.P.	Systems Approach in Management of Disasters : Methods and Applications	Wiley, New Jersey	2011
3,	Huder, R.C.	Disaster Operations and Decision Making	John Wiley & Sons, inc., New Jersey	2012

Table 5.2 Course specification

Course:		Evacuation Calculation and Modelling
Course id:	URZP74	
Number of ECTS:	3	
Teacher:		Laban Đ. Mirjana
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:

The objective of the course is to acquire the necessary knowledge for planning and designing the evacuation and rescue of people in conditions of catastrophic events and fires.

2. Educational outcomes (acquired knowledge):

Based on the acquired knowledge, students will be trained to plan and design optimal evacuation routes and formulate and define measures that will ensure the preparedness of vulnerable persons for timely response and evacuation process.

3. Course content/structure:

Evacuation – basic concepts and definitions, Evacuation decision making and human behaviour in fire, Egress strategies, Evacuation stages, Evacuation corridors, Evacuation walking speed, Calculation of evacuation, Computer modelling of evacuation, Evacuation drills, calculation of time, periodical repetition of drills, Evacuation plans, Calculation occupancy - the maximum number of people who need to be evacuated

4. Teaching methods:

Learning process is carried out through auditory lectures and computer exercises, using modern programs to simulate evacuation.

Knowledge evaluation (maximum 100 points)					
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points
Computer excersise defence	Yes	40.00	Written part of the exam - tasks and theory	Yes	50.00
Computer exercise attendance	Yes	5.00			
Lecture attendance	Yes	5.00			

Literature

Ord.	Author	Title	Publisher	Year
1,	Cuestza, A., Abreu, O., Alvear, D.	Evacuation modeling trends	Springer international publishing Switzerland	2016
2,	Hurley, M.J., Gottuk, D.T., Hall Jr., J.R., Harada, K., Kuligowski, E.D., Puchovsky, M., Torero, J.L., Watts Jr., J.M., Wieczorek, C.J. (Eds.)	Handbook of the Society of Fire Protection Engineers	SFPE	2010

Table 5.2 Course specification

Course:		Study Research Work on theoretical basis of the master thesis
Course id:	URZP02	
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	12	0

Precondition courses	None

1. Educational goal:

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2. Educational outcomes (acquired knowledge):

The master engineer should improve his / her previously acquired knowledge with knowledge and skills that will enable him to solve the most complex problems. In addition to the knowledge and skills acquired in master studies, students are also trained in research work. They acquire the necessary knowledge from the specific scientific field, methods of scientific research and skills (oral presentations, communication in the group, etc.). Due to the creative approach in the interpretation of others knowledge and experience, scientific contributions can be made. In this way, they gain a better performance in the labor market, and the acquired competences enable them to work in research and development centers and institutes, or in companies that are committed to improving their own work and are opened to new approaches and solutions in the field of organization and management. In this phase student defines the theme, the goal, the methods of research, the literature they will use.

3. Course content/structure:

It is formed individually in accordance with the needs of the concrete master thesis work, its complexity and structure. The student analyzes professional literature, graduate and master theses of students dealing with similar topics, performs analyzes in order to find a solution of a specific task defined by the master thesis assignment. Part of the course is taught through independent study research. Study work also includes active monitoring of primary knowledge from the thesis topic, organization and performance of experiments, numerical simulations and statistical data processing, writing and or publishing of paper at the conference from the specific scientific-educational area where master thesis belongs.

4. Teaching methods:

The Mentor for the master thesis prepares the task and delivers it to the student. The student is obliged to work within a given topic defined by master thesis assignment, using the literature proposed by the mentor. During the work on master thesis, the mentor can give additional instructions to the student, refer him to specific literature, and further direct him in order to create a quality master thesis. Within the framework of the study research work, the student conducts consultations with the mentor, and if necessary with other teachers dealing with issues related to the topic of work itself. Within the given topic, the student also performs certain measurements, tests, counts, surveys and other research, statistical processing of data, if it is foreseen by the master thesis assignment.

Knowledge evaluation (maximum 100 points)					
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points
Term paper	Yes	50.00	Oral part of the exam	Yes	50.00

Table 5.2 Course specification

Course:		Master Thesis – Elaboration and Defence			
Course id:	URZP01				
Number of ECTS:	6				
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	5	
Precondition courses	None				

1. Educational goal:

Acquiring knowledge about the manner, structure and form of writing reports after the performed analyzes and other activities carried out within the given topic of master thesis. By working on their master thesis students acquire the experience of writing papers in which they need to describe the problems, the methods and procedures implemented, as well as obtained results. In addition, the goal of preparing and defending master thesis is that students develop abilities to prepare the results of independent work in a suitable form, publicly present them, as well as to respond to remarks and questions related to the given topic.

2. Educational outcomes (acquired knowledge):

Training students for systematic approach in solving the given problems, conducting analyzes, applying acquired knowledge and accepting knowledge from other fields in order to find a solution to the given problem. By independent studying and solving tasks in the field of the given topic, students acquire knowledge about the complexity of the problems in the field of their profession. In this phase students gain certain experiences that they can apply in practice when solving problems in the field of their profession. By preparing results for public defense, with public defense and answering on commission's questions and remarks the student acquires the necessary experience of the way in which the results of independent or collective work should be presented in practice.

3. Course content/structure:

It is formed individually in accordance with the needs and the area covered by the given topic of master thesis. The student, in agreement with the mentor, prepares master work in written form in accordance with the stipulated rules of the Faculty of Technical Sciences. The student prepares and defends written master thesis work publicly in agreement with the mentor and in accordance with the prescribed rules and procedures.

4. Teaching methods:

During the work on master thesis, the student conducts consultations with the mentor, and if necessary with other teachers dealing with issues related to the topic of work itself. The student finishes master thesis work and after receiving approval from the commission for evaluation and defense, submits it to commission. The defense of the master thesis work is public, and after presentation the student is obliged to verbally respond to asked questions and remarks.

Knowledge evaluation (maximum 100 points)					
Pre-examination obligations	Mandatory	Points	Final exam	Mandatory	Points
Writing the master thesis	Yes	50.00	Master thesis defence	Yes	50.00

Table 5.2 Course specification

Course:		Design and Maintenance of Fire Suppression Systems
Course id:	ZP507	
Number of ECTS:	4	
Teacher:		Jocanović T. Mitar
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 student acquires theoretical and practical knowledge necessary for independent design of stationary fire extinguishing systems, their application and maintenance.

2. Educational outcomes (acquired knowledge):

Acquired knowledge in the course is applied for independent design of stationary fire extinguishing systems and their maintenance.

3. Course content/structure:

Theoretical lectures: Fire fighting water supply: the requirements for fire fighting water, sources, reservoirs and water accumulation, pumping and water transportation. Installations for water supply: sizing and pipe network plan with all belonging elements. Selection and sizing of pumps. Design and dimensioning of the external and internal hydrant network. Design of stationary systems: criteria for system selection. Extinguishing spraying systems – sprinklers. Other systems and contemporary extinguishing equipment. Application of the system depending on the type of facility. System selection. Fundamentals of design. Project assignments. System activation and activating elements. Pipe network. Armature. Nozzles. Carriers. Hydraulic calculation. Calculation of the amount of resources for fire fighting. Instructions for installation, test mode, testing and maintenance. Practice: Practice is mainly computing and partially held in the computer center where the working simulation of stable systems for fire protection is carried out on the computers.

4. Teaching methods:

Lectures: Lectures are combined with active participation of students. Theoretical part is followed by corresponding examples which contribute to the clarification of the theory. Consultations. Practice: writing the term paper and project assignments through application of acquired theoretical knowledge.

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	30.00
Lecture attendance	Yes	5.00			
Presentation	Yes	10.00			
Project	Yes	50.00			

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,	Đurić, D.	Snabdevanje vodom za piće	Fakultet tehničkih nauka, Novi Sad	2006
3,	R.W. Fitzgerald	Building Fire Performance Analysis	John Wiley & Sons Ltd, England	2004
4,	Bujandrić V., Bujandrić N.	Projektovanje protivpožarne zaštite	Vedeko, Beograd	1996
5,	Sekulić, Z., Damnjanović, M., Bogner, M.	Instalacije za gašenje požara	ETA, Beograd	2014

Table 5.2 Course specification

Course:		Financial Resistance to Risks
Course id:	ZP511	
Number of ECTS:	4	
Teachers:		Mrkšić Lj. Dragan, Popović M. Ljiljana
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 objective of this course is to introduce students to basic economic instruments that contribute to reducing the socio-economic vulnerability of society to catastrophic events. Also, the objective of the course is that students acquire the competencies and knowledge necessary to improve the financial resilience of the society.

2. Educational outcomes (acquired knowledge):

Students gain competitions necessary to improve the financial resilience of societies. Students will be able to identify financial instruments for reducing the vulnerability of the society by analyzing potential capabilities of community and individuals.

3. Course content/structure:

Financial models of risk management are being studied in the context of preparedness of community for catastrophic events. Different financial instruments for risk management are analyzed and compared, prior to a catastrophic event (relocation of funds with the aim of preventing and mitigating damage) and after a catastrophic event (risk transfer for reconstruction and recovery of society).

4. Teaching methods:

Lectures and auditory practices.

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,	Vinod T.	Climate Change and Natural Disasters: Transforming Economies and Policies for a Sustainable Future	Transaction Publishers	2017
2,	Gerard Caprio et al.	Handbook of Key Global Financial Markets, Institutions, and Infrastructure	Elsevier	2012
3,	Branka Anđelković, Maja Kovač	Socijalni kapital: Nevidljivo lice otpornosti	UNDP Srbija	2016

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/ssem/fset/FireProtectionSafetyEngineeringTechnologyCurriculum.php

Lund University, Faculty of Eingeneering, LTH, Lund, Sweden
http://www.lth.se/english/education/programmes/risk_management_safety/

Lund University, Faculty of Eingeneering, 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

International 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.
Graduate academic master studies as well as undergraduate academic 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.

Standard 07. Student Enrollment

Each year a certain number of students are enrolled at the Faculty of Technical Sciences on the undergraduate or master 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.
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 activities can be recognized in full, can be recognized in part (Commission may require the proper supplement) or they may not be recognized at all.

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.

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.

Science, arts and professional qualifications

Name and last name:		Beleslin P. Iva	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Media engineering and management	
Academic carieer	Year	Institution	Field
Academic title election:	2017	Faculty of Technical Sciences - Novi Sad	Media engineering and management
PhD thesis	2015	Faculty of Technical Sciences - Novi Sad	Engineering Management
Bachelor's thesis	2008	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.	IM1818	Visual identity	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1822	MANAGEMENT OF MEDIA CONTENT	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1825	Media management	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM2813	Media Aesthetics	(I20) Engineering Management, Master Academic Studies
5.	IM2815	MANAGEMENT OF MEDIA PRODUCTION	(I20) Engineering Management, Master Academic Studies
6.	IM2822	Research on mass communications	(I20) Engineering Management, Master Academic Studies
7.	URZP64	The Role of Media in Risk Reduction	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	EI504	Management of Small and Medium Enterprise	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
9.	III016	Research methods	(III) Innovation Engineering, Master Academic Studies
10.	III017	Business skills	(III) Innovation Engineering, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

Representative refferences (minimum 5, not more than 10)	
1.	Ratković Njegovan B., Šiđanin I.: Public broadcasting crisis as management crisis: a case study of radio television of Vojvodina, Journal of East European Management Studies, 2014, Vol. 19, No. 3, pp. 348-367, ISNN 0949-6181. (Management, 174/185, IF 2014 = 0,278).
2.	Ratković Njegovan, B., Beleslin, I.: Issues required to change in the organization of media company, III International Symposium "Engineering Management and Competitiveness (EMC 2013)", Zrenjanin: Technical faculty "Mihajlo Pupin", 21-22nd June, 2013, pp. 123-129, ISBN: 978-86-7672-202-0.
3.	Ratković Njegovan, B., Šiđanin, I.: Media and creative industries: the value of creative content, XV International Scientific Conference on Industrial Systems (IS' 11), Novi Sad: Faculty of Technical Sciences, September 14-16, 2011, pp. 583-587, ISBN: 978-86-7892-341-8.
4.	Beleslin I., Ratković Njegovan B.: Praćenje medijskih sadržaja posredstvom tradicionalnih medija uz istovremenu komunikaciju u virtuelnoj zajednici, Godišnjak Fakulteta za kulturu i medije: komunikacije, mediji, kultura, 2016, Broj 8, godina VIII, pp. 179-192, ISSN: 1821-0171.
5.	Beleslin, I., Ratković Njegovan, B.: The crisis of society - the crisis of public media, The transformation of social identity in crisis conditions and it's impact on european integration, Novi Sad: Faculty of Technical Sciences, 2016, pp. 7-21, ISBN: 978-86-7892-829-1.
6.	Beleslin, I., Ratković Njegovan, B.: Programski menadžment i izazovi u programiranju, Kultura i društveni razvoj (II), 2. naučna konferencija „Savremena umetnička praksa, medijska pismenost, kulturni identitet i društveni razvoj", Beograd: Megatrend univerzitet, Fakultet za kulturu i medije, 20. novembar, 2014, pp. 341 - 356, ISBN: 978-86-7747-532-1.
7.	Ratković Njegovan, B., Šiđanin, I.: Kulturni sadržaji u programima Prvog kanala Radio-televizije Vojvodine, Kultura i društveni razvoj, Naučni skup „Kulturna politika, umetničko stvaralaštvo i medijska praksa u funkciji održivog društvenog razvoja", Beograd: Megatrend univerzitet, Fakultet za kulturu i medije, 31. maj, 2012, pp. 367-378, ISBN: 978-86-7747-476-8.
8.	Ratković Njegovan, B., Šiđanin, I.: Strategije menadžmenta u medijima u uslovima ekonomsko-finansijske krize, 17. Internacionalni naučni skup SM 2012 „Strategijski menadžment i sistemi podrške odlučivanju u strategijskom menadžmentu", Subotica: Ekonosmki fakultet, 20. april, 2012, pp. 1-10 (CD ROM), ISBN 978-86-7233-305-3.
9.	Šiđanin, I.: Menadžment socijalnih medija i medijsko okruženje, Naučni skup „Savremeni trendovi u evropskoj ekonomiji: implikacije za Srbiju", Novi Sad: Visoka poslovna škola strukovnih studija, 27. oktobar, 2011, pp. 1-6 (CD ROM), ISBN 978-86-7203-122-5.
10.	Beleslin, I.: Model sistema podrške odlučivanju programskog menadžmenta u medijima na primeru javnog medijskog servisa u Srbiji, 2015, Novi Sad: Fakultet tehničkih nauka.

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	8			
Total of SCI(SSCI) list papers :	1			
Current projects :	Domestic :	0	International :	0

Science, arts and professional qualifications

Name and last name:	Bulatović A. Vesna
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.04.2007
Scientific or art field:	Materials in civil engineering, condition assessment and construction

Academic carieer	Year	Institution	Field
Academic title election:	2018		Materials in civil engineering, condition assessment and construction sanation
PhD thesis	2017	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering and Concrete Technology
Bachelor's thesis	2006	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.	GG04	Building materials 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG21H	Concrete technology - hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG21P	Technology of concrete - roads	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG412	Contemporary composites based on agriculture, industry and construction waste	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GI021	Real Estate Valuation	(GI0) Geodesy and Geoinformatics, Undergraduate Academic Studies
6.	URZP21	Risk Management and Sustainable Settlements' Development	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	ZP509	Fire and Explosion Investigation	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	EEA02	Energy efficiency and certification of buildings	(AH0) Architecture, Master Academic Studies
10.	EEA05	Energy efficient materials and diagnostic of building thermotechnical performances	(AH0) Architecture, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

1. Bulatović V., Malešev M., Radeka M., Radonjanin V., Lukić I.: Evaluation of Sulfate Resistance of Concrete With Recycled and Natural Aggregates, Construction and Building Materials, 2017, Vol. 152, pp. 614-631, ISSN 0950-0618(02)00045-4
2. Lukić I., Malešev M., Radonjanin V., Bulatović V.: Basic Properties of Structural LWAC Based on Waste and Recycled Materials, Journal of Materials in Civil Engineering, 2016, ISSN 0899-1561, UDK: DOI: 10.1061/(ASCE)MT.1943-5533.0001696
3. Harmati N., Jakšić Ž., Trivunić M., Bulatović V.: Rising damp analysis and selection of optimal handling method in masonry construction, Periodica Polytechnica - Civil Engineering, 2014, Vol. 58, No 4, pp. 431-444, ISSN 0553-6626
4. Malešev M., Radonjanin V., Lukić I., Bulatović V.: The Effect of Aggregate, Type and Quantity of Cement on Modulus of Elasticity of Lightweight Aggregate Concrete, Arabian Journal for Science and Engineering, 2013, Vol. 38, No 2, pp. 705-711, ISSN 1319-8025, UDK: 10.1007/s13369-013-0702-2
5. Bulatović V., Ducman V., Radeka M.: Karakteristike tranzitne zone betona na bazi lakog agregata, Građevinski materijali i konstrukcije, 2014, Vol. 57, No 3, pp. 63-77, ISSN 2217-8139, UDK: 06.055.2:62-03+620.1+624.001.5(497.1)=861
6. Lukić I., Malešev M., Radonjanin V., Bulatović V., Dražić J.: Komparativna LCA analiza greda spravljenih od normalnog i konstrukcijskog lakoagregatnog betona, Građevinski materijali i konstrukcije, 2013, Vol. 56, No 1, pp. 3-15, ISSN 2217-8139, UDK: 861
7. Bulatović V., Malešev M., Radonjanin V., Radeka M., Lukić I.: EFFECT OF CEMENT TYPE AND WATER TO CEMENT RATIO ON THE SULFATE RESISTANCE OF CONCRETE WITH RCA, 6. Građevinarstvo - nauka i praksa, Žabljak: Univerzitet Crne Gore, Građevinski fakultet , 7-11 Mart, 2016, pp. 689-699, ISBN 978-86-82707-30-1
8. Bulatović V., Malešev M., Radonjanin V., Radeka M., Lukić I.: EVALUTION OF SULFATE RESISTANCE OF PORTLAND AND BLASTFURNACE CEMENT CONCRETES USING COMPRESSIVE STRENGTH AND VOLUME CHANGE TESTS, 3. State and trends of civil and environmental engineering E-GTZ, Tuzla: Rudarsko-geološko-građevinski fakultet Tuzla, 2-4 Jun, 2016, pp. 241-248, ISBN 978-9958-628-18-4
9. Bulatović V., Radonjanin V., Malešev M., Radeka M., Lukić I.: Comparative analysis of compressive strength and volume change for determination of sulfate resistance of RAC, 1. Materials, Systems and Structures in Civil Engineering, Kopenhagen: RILEM Publication , 22-24 Avgust, 2016, pp. 523-532, ISBN 978-2-35158-163-6
10. Bulatović V., Malešev M., Radeka M., Radonjanin V., Lukić I.: Analysis of Sulphate Resistance of Concrete Using Natrium and Magnesium Sulfate, 13. iNDiS, Novi Sad: Departman za građevinarstvo i geodeziju, Fakultet tehničkih nauka, Novi Sad, 25-27 Novembar, 2015, pp. 161-171, ISBN 978-86-7892, UDK: 691

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	19			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	2	International :	1

Science, arts and professional qualifications

Name and last name:	Ćosić I. Đorđe
Academic title:	Associate 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 and service systems - organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2015	University of Novi Sad - Novi Sad	Production and service 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.	IM1024	Risk management and insurance	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1706	Risk method analysis	(I20) Engineering Management, Undergraduate Academic Studies
3.	S0I321	Traffic insurance	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	URZP46	Disaster risk management cycle	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP56	Disaster risk management and fire safety-basic	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	URZP80	Fundamental Principles of Insurance	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	Z510	The management of accident situations and the environment	(Z01) Occupational Safety Engineering, Master Academic Studies
8.	ZP501	Integrated Natural Disaster Risk Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	IM2707	Integrated Risk Management	(I20) Engineering Management, Master Academic Studies
10.	MPK009	Hazards and Environment	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
11.	RDI04	Qualitative Risk Assessment Methods - Selected Chapters	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
12.	RDO01	Disaster Risk Management and Fire Safety - Selected Chapters	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
13.	IMDR72	Risk assessment methods	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
14.	IMDR75	Selected chapters in risk management and insurance	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
15.	ZRD233	Selected chapters of insurance from the point of view of safety and health at work	(Z01) Occupational Safety Engineering, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Simić J., Sremački M., Tucakov J., Dumanjić E., Knežević S., Popov S., Ćosić Đ., Sakulski D.: PERSONS WITH DISABILITIES IN CATASTROPHIC EVENTS – EXPOSURE AND GEOSPATIAL ANALYSIS, 8. Međunarodno naučno savetovanje: "Rizik i bezbednosni inženjering", Kopaonik: Visoka tehnička škola strukovnih studija u Novom Sadu, 2-9 Februar, 2013, pp. 146-151, ISBN 978-86-6211-057-2, UDK: 614.8(082)
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

Representative refferences (minimum 5, not more than 10)

3.	Tanackov I., Bogdanović V., Ćosić Đ., Lalić B.: Metastability - Markovian approach, UDK: Volume 52, Issue 4, 2013, Pages 573-576
4.	Pečujlija M., Ćosić 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.	Ćosić 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., Ćosić 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.	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
8.	Njegomir V., Ćosić Đ.: Ekonomske implikacije klimatskih promena na sektor osiguranja i reosiguranja, Teme, 2012, Vol. 36, No 2, pp. 679-701, ISSN 0353-7919
9.	Popović Lj., Ćosić Đ., Medić N., Novaković T.: Consumption Analysis for Water Shortage Risk Estimation, 17. International Scientific Conference on Industrial Systems - IS, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, Department for Industrial Engineering and Management, 4-6 Oktobar, 2017, pp. 382-387, ISBN 978-86-7892-978-6
10.	Popov S., Zarić M., Ćosić Đ.: Pairing BPM and IoT For Sensor Error Discovery and Recovery Automation, 7. International Conference on Information Science and Technology (ICIST), Kopaonik: Society for Information Systems and Computer Networks, Belgrade, 12-15 Mart, 2017, pp. 98-101, ISBN 978-86-85525-19-3

Summary data for teacher's scientific or art and professional activity:

Quotation total :	5			
Total of SCI(SSCI) list papers :	6			
Current projects :	Domestic :	2	International :	1

Science, arts and professional qualifications

Name and last name:	Ćulibrk M. Jelena
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 and service systems - organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2018	Faculty of Technical Sciences - Novi Sad	Production and service systems - organization and management
PhD thesis	2014	Faculty of Technical Sciences - Novi Sad	Engineering Management - Human Resource Management
Magister thesis	2010	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Bachelor's thesis	2005	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.	IM1025	Human Resource Management	(I20) Engineering Management, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	IM1321	Management project team	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1718	Crisis Management	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1906	Work motivation	(I20) Engineering Management, Undergraduate Academic Studies
5.	IM1915	Integral corporate care for employees	(I20) Engineering Management, Undergraduate Academic Studies
6.	IZO030	Communicology	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	IZOO14	Organizational Behavior	(IZ0) Information Systems Engineering, Undergraduate Academic Studies
8.	URZP38	Selected Chapters in Psychology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	ZP506	Crisis Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	MBA415	Development of products, services - Marketing of technological innovation	(IMM) Engineering Management MBA, Professional Master Studies
11.	IM2214	Creative problem solving	(I20) Engineering Management, Master Academic Studies
12.	IM2913	Team Work	(I20) Engineering Management, Master Academic Studies
13.	IM2917	Managing creative potentials	(I20) Engineering Management, Master Academic Studies
14.	IM2922	eHRM	(I20) Engineering Management, Master Academic Studies
15.	IMM321	Human Resources Development	(IMM) Engineering Management MBA, Professional Master Studies

Representative refferences (minimum 5, not more than 10)

1. Mitrović S., Nikolić (Pavlović) J., Milisavljević S., Ćosić I.: Factors influencing managerial decision-making in industrial systems, 5. International Symposium on Industrial Engineering, Beograd: Masinski fakultet Beograd, 14-15 Jun, 2012, pp. 67-73, ISBN 978-86-7083-758-4, UDK: 191329292
2. Mitrović S., Nikolić (Pavlović) J., Milisavljević S.: Motivation as a key factor of a prosperous company, 15. International Scientific Conference on Industrial Systems - IS, Novi Sad: Univerzitet u Novom Sadu, Fakultet tehničkih nauka, 14-16 Septembar, 2011, pp. 542-547, ISBN 978-86-7892-341-8
3. Nikolić (Pavlović) J., Lalić D., Drezgić I.: The Role of Human Resources in Organisational Change, 14. International Scientific Conference on Industrial Systems - IS, Novi Sad, 2-3 Oktobar, 2008, ISBN 978-86-7892-135-3

Representative refferences (minimum 5, not more than 10)

4.	Nikolić (Pavlović) J., Drezgić I.: The HR Scorecard, 14. International Scientific Conference on Industrial Systems - IS, Novi Sad, 2-3 Oktobar, 2008, ISBN 978-86-7892-135-3
5.	Nikolić (Pavlović) J.: Distribution as Session of Logistic Flow from the Marketing Mix Aspect, 13. Internacionalni naučni skup Strategijski menadžment i sistemi podrške odlučivanju u strategijskom menadžmentu, Palić, 15-16 Maj, 2008
6.	Vidicki P., Nikolić (Pavlović) J., Ćosić I.: Limitations for the enterpreneurship development in selected municipalities of the autonomous region of Vojvodina, 9. International Symposium of Interdisciplinary Regional Research (ISIRR), Novi Sad: Fakultet tehničkih nauka, 21-23 Jun, 2007, ISBN 978-86-7892-042-4
7.	Stefanović D., Nikolić (Pavlović) J., Mirković M.: Autori: Stefanović D., Pavlović J., Mirković M. Naziv: Elements Of The Modern Approach To The Planning Of Effective Production And Preparations For Work Process Naziv skupa: International Scientific Conference Business and Management 2006, Enterprise management: Diagnosis, Strategy, Efficiency , UDK: 658 (474.5)(063 In-156)
8.	Nikolić (Pavlović) J.: Istraživanje povezanosti sistema vrednosti i otpora promenama u organizaciji, 2010
9.	Ćulibrk J., Delić M., Mitrović S., Ćulibrk D.: Job Satisfaction, Organizational Commitment and Job Involvement: The Mediating Role of Job Involvement, Frontiers in Psychology, 2018, Vol. 9, pp. 1-12, ISSN 1664-1078, UDK: https://doi.org/10.3389/fpsyg.2018.00132
10.	Kovačević D., Grubić-Nešić L., Antić A., Mitrović S., Ćulibrk J.: DECCE - Development of Engineer's Competencies by Changes in Education, 7. PSU-UNS International Conference on Engineering and Technology - ICET, Phuket, 19-20 Jun, 2015, pp. 115-119

Summary data for teacher's scientific or art and professional activity:

Quotation total :	10			
Total of SCI(SSCI) list papers :	1			
Current projects :	Domestic :	1	International :	2

Science, arts and professional qualifications

Name and last name:	Herceg L. Dejana
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.05.1997
Scientific or art field:	Theoretical electrical engineering

Academic carieer	Year	Institution	Field
Academic title election:	2016	University of Novi Sad - Novi Sad	Theoretical electrical engineering
PhD thesis	2015	Faculty of Technical Sciences - Novi Sad	Theoretical electrical engineering
Magister thesis	2002	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
Bachelor's thesis	1997	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.	BMI94	Fundamentals of Electrical Engineering	(BM0) Biomedical Engineering, Undergraduate Academic Studies
2.	E105	Fundamental electrical engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies
3.	E110	Fundamental electrical engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies
4.	E216	Fundamental electrical engineering	(E20) Computing and Control Engineering, Undergraduate Academic Studies
5.	EE300	Electromagnetics	(MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
6.	ESI119	Fundamental electrical engineering	(ES0) Power Software Engineering, Undergraduate Academic Studies
7.	II1007	Fundamental electrical engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
8.	M112	Electrical Engineering and Electrical Machines	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Computational Mechanical Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
9.	URZP12	Introduction to ?lectrical ?ngineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
10.	Z107	Electrical Engineering, Environment and Protection	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
11.	URZP55	Fire and Explosion Protection due to Electricity	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
12.	E1IEP	Electromagnetic fields testing	(MR0) Measurement-Information Technologies and Control Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Herceg D., Herceg Đ., Prša M.: Using Padé Approximation in Takács Hysteresis Model, IEEE Transactions on Magnetics, 2015, ISSN 0018-9464
2.	Kasaš-Lažetić K., Herceg D., Đurić N., Prša M.: Determining Low-Frequency Earth Return Impedance: A Consistent Electromagnetic Approach, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2015, Vol. 12, No 5, pp. 225-244, ISSN 1785-8860, UDK: DOI: 10.12700/APH.12.5.2015.5.13.
3.	Herceg D., Pekarić Nađ N.: Examination of a multilayer magnetic shield for an air cored current probe, 7. International PhD Seminar on Computational electromagnetics and bioeffects of electromagnetic fields – CEMBEF, Niš, 28-31 Avgust, 2013, pp. 67-70, ISBN 978-86-6125-089-7
4.	Herceg D., Kasaš-Lažetić K., Antić D., Bjelica J., Prša M.: Application of Current Transformer for Normal Magnetization Curve Determination, 11. INDEL, Banja Luka, 3-5 Novembar, 2016, ISBN 978-1-5090-2329-5
5.	Herceg D., Kasaš-Lažetić K., Đurić N., Bajović V.: Regulations on EMF Exposure in Serbia and Its Neighboring Countries, 20. Telekomunikacioni forum TELFOR, Beograd, 20-22 Novembar, 2012, pp. 17-20, ISBN 978-1-4673-2984-2
6.	Bajović V., Đurić N., Herceg D.: Serbian Laws and Regulations as Foundation for Electromagnetic Field Monitoring Information Network, 10. International Conference on Applied Electromagnetics, Niš, 25-29 Septembar, 2011, ISBN ISBN: 978-86-6125-04
7.	Herceg D., Burány N., Pekarić Nađ N.: A simple model for power loss reduction study in a BLDC motor, 10. International Conference on Applied Electromagnetics, Niš, 25-29 Septembar, 2011, ISBN ISBN: 978-86-6125-04
8.	Herceg D., Juhas A., Milutinov M., Milutinov M.: A design of a four square coil system for a biomagnetic experiment, 9. International Conference on Applied Electromagnetics, Niš: Elektronski fakultet , 31-2 Avgust, 2009, ISBN 978-86-85195-84-6.
9.	Herceg D., Juhas A., Milutinov M.: 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
10.	Herceg D., Kasaš-Lažetić K., Bajović V., Prša M.: Measurements of all three magnetisation curves, 18. International Symposium on Power Electronics – Ee, Novi Sad, 28-30 Oktobar, 2015, pp. 1-4, ISBN 978-86-7892-757-7

Summary data for teacher's scientific or art and professional activity:

Quotation total :	63			
Total of SCI(SSCI) list papers :	3			
Current projects :	Domestic :	2	International :	0

Science, arts and professional qualifications

Name and last name:	Ivetić B. Jelena
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.12.2003
Scientific or art field:	Theoretical and applied mathematics

Academic carieer	Year	Institution	Field
Academic title election:	2014	University of Novi Sad - Novi Sad	Theoretical and applied mathematics
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Primenjena matematika
Master's thesis	2008	Faculty of Technical Sciences - Novi Sad	Mathematics
Magister thesis	2008	Faculty of Technical Sciences - Novi Sad	Mathematical Sciences
Bachelor's thesis	2002	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.	GG10	Mathematical Methods 3	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GI303B	Probability and mathematical statistics	(GI0) Geodesy and Geoinformatics, Undergraduate Academic Studies
3.	GI404	Mathematical Statistics	(G00) Civil Engineering, Undergraduate Academic Studies
4.	IFE230	Mathematical Logic	(IIF) Information Engineering, Undergraduate Academic Studies
5.	P216	Numerical Mathematics	(P00) Production Engineering, Undergraduate Academic Studies
6.	SE001	Statistics	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies
7.	ZP510	Risk Analysis in Decision Making Process	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	ZR503	Advanced Statistical Modelling	(OM2) Mathematics in Engineering, Master Academic Studies (Z01) Occupational Safety Engineering, Master Academic Studies
9.	IFE255	Statistics in Information Engineering	(IF1) Information and Analytics Engineering, Master Academic Studies (IF2) Information Engineering, Master Academic Studies
10.	0M506	Introduction to Semantics of Programming Languages	(IF1) Information and Analytics Engineering, Master Academic Studies (IF2) Information Engineering, Master Academic Studies (OM2) Mathematics in Engineering, Master Academic Studies
11.	0M507	Selected topics in Mathematical Logic	(OM2) Mathematics in Engineering, Master Academic Studies
12.	0M513	Introduction to interactive theorem provers	(IF1) Information and Analytics Engineering, Master Academic Studies (IF2) Information Engineering, Master Academic Studies (OM2) Mathematics in Engineering, Master Academic Studies
13.	0M533	Introduction to Formal Methods	(IF2) Information Engineering, Master Academic Studies (OM2) Mathematics in Engineering, Master Academic Studies

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

	ID	Course name	Study programme name, study type
14.	DZ01M	Selected Chapters 1 in Mathematics	(BM0) Biomedical Engineering, Doctoral Academic Studies (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 Geoinformatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (IZ0) Information Systems Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Occupational Safety Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
15.	DZ02M	Selected Chapters 2 in Mathematics	(BM0) Biomedical Engineering, Doctoral Academic Studies (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 Geoinformatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (IZ0) Information Systems Engineering, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Occupational Safety Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	V.Ilin, J.Ivetić, D.Simić:Understanding the determinants of e-business adoption in ERP-enabled and non ERP-enabled firms: A case study of the Western Balkan Peninsula. Tecnological Forecasting and Social Change, Vol.125, pp.206-223, ISSN 0040-1625 (2017)

Representative refferences (minimum 5, not more than 10)

2.	Banjac N., Maksimović R., Dragaš K., Ivetić J.: Monitoring and Assessment of Protected Areas' Management Capacities in the Republic of Serbia, Sustainability, Vol. 11, No 3(666), pp. 1-17, ISSN 2071-1050 (2019)
3.	J. Espirito Santo, J. Ivetić, S. Likavec: Characterising strongly normalising intuitionistic terms. Fundamenta informaticae, Vol.121, pp.87-124, ISSN 0169-2968, IOS Press, Netherlands (2012).
4.	Espirito Santo J., Gilezan S., Ivetić J.: Characterizing strongly normalising intuitionistic sequent terms Types for Proofs and Programs postproceedings , Lecture notes in computer science, 2007, No 4941, pp. 85-99, ISSN 0302-9743
5.	S.Ghilezan, J.Ivetić: Intersection types for intuitionistic lambda- Gentzen calculus. Publications de l'Institute Mathematique, vol. 82 (96) 159-164, SANU, Serbia (2007).
6.	Gilezan S., Ivetić J., Likavec S., Lescanne P.: Structural rules and resource control in logic and computation, Beograd, Matematicki institut SANU, 2015, ISBN 978-86-80593-57-9
7.	J.Espirito Santo, S.Ghilezan, J.Ivetić: Characterizing strongly normalising intuitionistic sequent terms. Miculan, Honsell and Scagnetto eds., Types for Proofs and Programmes - TYPES, Lecture Notes in Computer Science, vol.4941, pages 85-99, Springer (2008).
8.	S. Ghilezan, J. Ivetić, P. Lescanne, D. Žunić: Intuitionistic sequent-style calculus with explicit structural rules. The Eight International Tbilisi Symposium on Language, Logic and Computation, Lecture Notes in Artificial Intelligence, vol.6618, pages 101-124, Springer (2011).
9.	S. Ghilezan, J. Ivetić, P. Lescanne, S.Likavec: Intersection types for the resource control lambda calculi. International Colloquium of Theoretical and Applied Computing - ICTAC 2011, Lecture Notes in Computer Science, vol.6916, pages 116-134, Springer (2011).
10.	Gilezan S., Ivetić J., Lescanne P., Likavec S.: Intersection types for explicit substitution with resource control, 6. Intersection Types and Related Systems, Dubrovnik, 29 Jun, 2012

Summary data for teacher's scientific or art and professional activity:

Quotation total :	12			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	2	International :	1

Science, arts and professional qualifications

Name and last name:	Jocanović T. Mitar
Academic title:	Associate 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:	2015	University of Novi Sad - 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.	H1411	Pneumatic and hydraulic control systems	(M40) Computational Mechanical Engineering, Undergraduate Academic Studies
2.	H310	Components of technological systems	(H00) Mechatronics, Undergraduate Academic Studies
3.	II1011	Automation of Work Processes 1	(I10) Industrial Engineering, Undergraduate Academic Studies
4.	II1038	Automation of Work Processes 2	(I10) Industrial Engineering, Undergraduate Academic Studies
5.	II1050	Tribology and Lubrication	(I10) Industrial Engineering, Undergraduate Academic Studies
6.	IM1008	Processes and means of work	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
7.	URZP17	Devices and Systems in Fire Protection	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	URZP45	Mobile Fire Extinguishing Equipment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	ZP507	Design and Maintenance of Fire Suppression Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	IMDR58	Selected chapters from hydraulic systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Jocanović M., Šević D., Karanović V., Beker I., Dudić S.: Increased Efficiency of Hydraulic Systems Trough Reliability Theory and Monitoring of System Operating Parameters, Strojniski vestnik - Journal of Mechanical Engineering, 2012, Vol. 58, No 4, pp. 281-288, ISSN 0039-2480
2.	V. Savić, D. Knežević, D. Lovrec, M. Jocanović, Velibor Karanović: Determination of Pressure Losses in Hydraulic Pipeline Systems by Considering Temperature and Pressuer, Strojšnik Vestnik-Journal of Mechanical Engineering, 2009, Vol. 55, No. 4, str.237-243, UDK: 621.643, ISSn 0039-2480
3.	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
4.	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
5.	V.Savić, M.Jocanović, D.Jurišić: Motorna ulja - o uljima za podmazivanje motora sa unutrašnjim sagorevanjem, IKOS, Novi Sad, 2006.
6.	Jocanović M.: AUTOMATIZACIJA PROCESA RADA:Osnove hidrauličnog upravljanja, Novi Sad, Fakultet tehničkih nauka, 2014, str. 1-265, ISBN 978-86-7892-662-4
7.	Jocanović M., Karanović V., Knežević D.: Application of Gear Oils in Food Processing Industry, Acta Technica Corviniensis, 2013, Vol. 1, No 7, pp. 171-174, ISSN 2067-3809
8.	Knežević D., Laloš S., Jocanović M., Karanović V.: Effect of Bulk Modulus of Fluid on the Dynamic Behavior of the Hydraulic System, Annals of Faculty Engineering Hunedoara - International Journal of Engineering, 2016, Vol. 14, No 1, pp. 243-246, ISSN 1584-2665

Representative refferences (minimum 5, not more than 10)	
9.	Orošnjak M., Jocanović M., Karanović V., Vekić A., Medić N.: Transformation from mass production to mass customization in SCM: Obstacles and advantages, Acta Technica Corviniensis, 2017, Vol. 10, No 1, pp. 29-33, ISSN 2067-3809, UDK: http://acta.fih.upt.ro/pdf/2017-1/ACTA-2017-1-03
10.	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

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	18			
Total of SCI(SSCI) list papers :	3			
Current projects :	Domestic :	2	International :	0

Science, arts and professional qualifications

Name and last name:	Juhas T. Anamarija
Academic title:	Associate 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 electrical engineering

Academic carieer	Year	Institution	Field
Academic title election:	2015	University of Novi Sad - Novi Sad	Theoretical electrical engineering
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.	E128F	Electrical Circuit Theory	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
2.	EE300	Electromagnetics	(MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	EK331	Propagation of electromagnetic waves	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
4.	II1007	Fundamental electrical engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
5.	M112	Electrical Engineering and Electrical Machines	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Computational Mechanical Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	SO12E	Electrotechnics and electric machines	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
7.	URZP12	Introduction to ?lectrical ?ngineering	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	Z107	Electrical Engineering, Environment and Protection	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
9.	URZP55	Fire and Explosion Protection due to Electricity	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	DE208	Selected Chapters in Electromagnetic Compatibility	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
11.	DE408	Selected Chapters in Electromagnetics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies
12.	RDI015	Power Loss Mitigation Strategies and Risk management	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
13.	RDI018	Risk and protection from electrostatic discharges	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	A. Juhas, S. Dautovic, “Computation of pinched hysteresis loop area from memristance-vs-state map,” IEEE Transactions on Circuits and Systems II: Express Briefs, ISSN: 1549-7747, DOI: 10.1109/TCSII.2018.2868384

Representative refferences (minimum 5, not more than 10)	
2.	A. Juhas, S. Dautović, L. A. Novak, "On optimal truncated biharmonic current waveforms for class-F and inverse class-F power amplifiers," Article ID 1390295, 19 pages, 2017. doi:10.1155/2017/1390295, Mathematical Problems in Engineering, 2017, Vol. 2017, ISSN 1024-123X
3.	A. Poznić, D. Miloradović, A. Juhas, "A new magnetorheological brake`s combined materials design approach," Journal of Mechanical Science and Technology, 2017, Vol. 31, No 3, pp. 1-7, ISSN 1738-494X
4.	A. Juhas, L. A. Novak, "Conflict set and waveform modelling for power amplifier design," vol. 2015, Article 585962, 29 pages, 2015. doi:10.1155/2015/585962 , Mathematical Problems in Engineering, 2015, ISSN 1024-123X
5.	A. Juhas, L. A. Novak, "Closed form of optimal current waveform for class F PA up to fourth harmonic," doi:10.1007/s12046-015-0339-9, Sadhana - Academy Proceedings in Engineering Science, 2015, Vol. 40, No 2, pp 425-43. ISSN 0256-2499
6.	A. Juhas, L. A. Novak, "General description of nonnegative waveforms up to second harmonic for power amplifier modelling," Article ID 709762, 18 pages, 2014. doi:10.1155/2014/709762, Mathematical Problems in Engineering, 2014, ISSN 1024-123X
7.	A. Juhas, L. 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. ISSN 1024-123X
8.	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.
9.	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
10.	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

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	15			
Total of SCI(SSCI) list papers :	10			
Current projects :	Domestic :	1	International :	0

Science, arts and professional qualifications

Name and last name:	Karanović V. Velibor
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.03.2007
Scientific or art field:	Quality, effectiveness and logistics

Academic carieer	Year	Institution	Field
Academic title election:	2015	University of Novi Sad - Novi Sad	Quality, effectiveness and logistics
PhD thesis	2015	Faculty of Technical Sciences - Novi Sad	Automatizacija
Bachelor's thesis	2006	Faculty of Technical Sciences - Novi Sad	Mechatronics, robotics and automation and integrated systems

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

	ID	Course name	Study programme name, study type
1.	H1403	Automation of work processe	(H00) Mechatronics, Undergraduate Academic Studies
2.	H1411	Pneumatic and hydraulic control systems	(M40) Computational Mechanical Engineering, Undergraduate Academic Studies
3.	H310	Components of technological systems	(H00) Mechatronics, Undergraduate Academic Studies
4.	II1050	Tribology and Lubrication	(I10) Industrial Engineering, Undergraduate Academic Studies
5.	IM1008	Processes and means of work	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
6.	IM1013	Product and Product Assortment Development	(I20) Engineering Management, Undergraduate Academic Studies
7.	URZP17	Devices and Systems in Fire Protection	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	URZP45	Mobile Fire Extinguishing Equipment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	ZP507	Design and Maintenance of Fire Suppression Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	IMDR58	Selected chapters from hydraulic systems	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Jocanović M., Šević D., Karanović V., Beker I., Dudić S.: Increased Efficiency of Hydraulic Systems Through Reliability Theory and Monitoring of System Operating Parameters, Strojniški vestnik - Journal of Mechanical Engineering, 2012, Vol. 58, No 4, pp. 281-288, ISSN 0039-2480
2.	Savić V., Knežević D., Lovrec D., Jocanović M., Karanović V., Determination of pressure losses in hydraulic pipeline systems by considering temperature and pressure, Journal of mechanical engineering Strojniški Vestnik, Vol. 55, No. 4, 2009, str. 237-243
3.	Karanović V., Jocanović M., Jovanović V., Review of Development Stages in the Conceptual Design of an Electro-Hydrostatic Actuator for Robotics, Acta Polytechnica Hungarica, Vol. 11, No. 5, 2014, str. 59-79, DOI: 10.12700/APH.11.05.2014.05.4
4.	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)
5.	Jovanović V., Đurić A., Karanović V., Stevanov B.: Applications of Electro-Hydraulics Actuators, 29. IEEE SoutheastCon, Norfolk: IEEE, 30-3 Mart, 2016, pp. 1-5, ISBN 978-1-5090-2246-5
6.	Orošnjak M., Jocanović M., Karanović V.: Quality Analysis of Hydraulic Systems in Function of Reliability Theory, 27. DAAAM International Symposium on Intelligent Manufacturing and Automation, Mostar, 26-29 Oktobar, 2016
7.	Karanović V., Jocanović M., Delić M., Influence of solid particles as a contaminants on degradation processes in hydraulic components or systems, 16th International Scientific Conference on Industrial Systems, Novi Sad, Srbija, 15-17 oktobar 2014, str. 189-194, ISBN 978-86-7892-652-5
8.	Jocanović M., Savić V., Karanović V., Model for translation of classes of purity of oils between ISO 4406/99, NAS 1638-01 and SAE AS 4059 D standards, 14th International Scientific Conference on Industrial Systems, Novi Sad, Srbija, 2-3 oktobar 2008, str. 391-396, ISBN 978-86-7892-135-3

Representative refferences (minimum 5, not more than 10)	
9.	Knežević D., Laloš S., Jocanović M., Karanović V.: Effect of Bulk Modulus of Fluid on the Dynamic Behavior of the Hydraulic System, Annals of Faculty Engineering Hunedoara - International Journal of Engineering, 2016, Vol. 14, No 1, pp. 243-246, ISSN 1584-2665
10.	Jocanović M., Karanović V., Knežević D.: Application of Gear Oils in Food Processing Industry, Acta Technica Corviniensis, 2013, Vol. 1, No 7, pp. 171-174, ISSN 2067-3809

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	17			
Total of SCI(SSCI) list papers :	3			
Current projects :	Domestic :	1	International :	0

Science, arts and professional qualifications

Name and last name:	Kasaš-Lažetić K. Karolina
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	24.11.1988
Scientific or art field:	Theoretical electrical engineering

Academic carieer	Year	Institution	Field
Academic title election:	2016	University of Novi Sad - Novi Sad	Theoretical electrical engineering
PhD thesis	2015	Faculty of Technical Sciences - Novi Sad	Theoretical electrical engineering
Magister thesis	2000	Faculty of Technical Sciences - Novi Sad	Electrical and Computer Engineering
Bachelor's thesis	1988	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	Fundamental electrical engineering	(E20) Computing and Control Engineering, Undergraduate Academic Studies
2.	EE300	Electromagnetics	(MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	EOS103	Fundamental electrical engineering	(E10) Electrical Engineering, Undergraduate Professional Studies
4.	ESI119	Fundamental electrical engineering	(ES0) Power Software Engineering, Undergraduate Academic Studies
5.	H104	Fundamental electrical engineering 1	(H00) Mechatronics, Undergraduate Academic Studies
6.	H108	Fundamental electrical engineering 2	(H00) Mechatronics, Undergraduate Academic Studies
7.	M112	Electrical Engineering and Electrical Machines	(M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Computational Mechanical Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
8.	E105	Fundamental electrical engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies
9.	E110	Fundamental electrical engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies
10.	Z107	Electrical Engineering, Environment and Protection	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies (ZF0) Environmental Engineering, Undergraduate Academic Studies
11.	E1IEP	Electromagnetic fields testing	(MR0) Measurement-Information Technologies and Control Engineering, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
12.	URZP55	Fire and Explosion Protection due to Electricity	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Lažetić B., Pekarić Nađ N., Kasaš-Lažetić K., Hrubik O., Kozarčić T.: Organisms in magnetic fields in Basic and Clinical Aspects of the theory of Functional systems, Novi Sad, University of Novi Sad, Medical faculty and P.K. Anokhin Institute of normal Physiology RAMS Moscow, 1998

Representative refferences (minimum 5, not more than 10)	
2.	Kljajić D., Đurić N., Bjelica J., Milutinov M., Kasaš-Lažetić K., Antić D.: Utilization of the boundary exposure assessment for the broadband low-frequency EMF monitoring, Measurement, 2017, Vol. 100, No 1, pp. 110-114, ISSN 0263-2241, UDK: DOI 10.1016/j.measurement.2016.12.061
3.	Đurić N., Kljajić D., Kasaš-Lažetić K., Bajović V.: The measurement procedure in the SEMONT monitoring system, Environmental Monitoring and Assessment, 2014, Vol. 186, No 3, pp. 1865-1874, ISSN 0167-6369, UDK: DOI 10.1007/s10661-013-3500-0
4.	Đurić N., Kljajić D., Kasaš-Lažetić K., Bajović V.: The SEMONT continuous monitoring of daily EMF exposure in an open area environment, Environmental Monitoring and Assessment, 2015, pp. 187-191, ISSN 0167-6369, UDK: DOI 10.1007/s10661-015-4395-8
5.	Kasaš-Lažetić K., Herceg D., Đurić N., Prša M.: Determining Low-Frequency Earth Return Impedance: A Consistent Electromagnetic Approach, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2015, Vol. 12, No 5, pp. 225-244, ISSN 1785-8860, UDK: DOI: 10.12700/APH.12.5.2015.5.13.
6.	Prša M., Kasaš-Lažetić K.: Electromagnetic fields and their impacts, IOP Conference Series: Materials Science and Engineering, 2018, Vol. 294, pp. 1-14, ISSN 1757-8981, 3. IOP Conference Series: Materials Science and Engineering, Hunedoara, 10-12 Maj, 2017, pp. 1-14, ISBN ISSN: 1757-8981
7.	Lažetić B, Lažetić-Kasaš K, Matavulj M. Pekarić Nađ N, Rajković V: Osnove magnetobiologije
8.	Karolina Kasaš Lažetić: Određivanje raspodele rastojanja linearnih binarnih zaštitnih blok kodova primenom linearnog programiranja
9.	Kasaš-Lažetić K.: Modelovanje impedanse Zemlje kao povratnog provodnika, 2015
10.	Đurić N., Kljajić D., Kasaš-Lažetić K., Bajović V.: Metod procene izloženosti električnim poljima visokih frekvencija baziran na granicama izloženosti, 2016

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	127			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	1	International :	0

Science, arts and professional qualifications

Name and last name:	Kolaković S. Slobodan
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	15.06.2011
Scientific or art field:	Hydrotechnical engineering

Academic carieer	Year	Institution	Field
Academic title election:	2018	University of Novi Sad - Novi Sad	Hydrotechnical engineering
Bachelor's thesis	2011		Hydrotechnical engineering

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

	ID	Course name	Study programme name, study type
1.	GH500	River Hydraulics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GH502	Hydrology and hydrometry	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GH522	Flood protection	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI308A	Basic of Civil Engineering	(GI0) Geodesy and Geoinformatics, Undergraduate Academic Studies
5.	URZP16	Climatology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	URZP70	Hazard Mapping and Risk Assessment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP72	Contemporary Methods of Airborne Mapping	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	ZP510	Risk Analysis in Decision Making Process	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	MPK04 A	Fundamentals in hydrotechnics, hydromechanics and geotechnics	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
10.	MPK19	Open channel hydraulics	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies
11.	S0I51V	Waterways and Ports	(G00) Civil Engineering, Master Academic Studies
12.	GH534	Hydrotechnical Structures	(G00) Civil Engineering, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Kolaković S.: Assessment of water quality of artificial water bodies in Vojvodina (Serbia) using factor and cluster analysis, International Jubilee Conference: Science and Technic 65th anniversary Faculty of Hydraulic Engineering and 15th anniversary Hydraulic Engineering in German, Sofia, Bulgaria, November 6-7. 2014, University of Architecture, Civil Engineering and Geodesy Sofia.
2.	Kolaković S.: Utvrđivanje režima proticaja jezera Tikvara kod Bačke Palanke, 5. Građevinarstvo nauka i praksa, Žabljak, 17-21 Februar, 2014, pp. 1715-1722, ISBN 978-86-82707-23-3
3.	Kolaković S.: Tisza river modeling on the common interest section of Hungary and Serbia, International Jubilee Conference: Science and Technic 65th anniversary Faculty of Hydraulic Engineering and 15th anniversary Hydraulic Engineering in German, Sofia, Bulgaria, November 6-7. 2014, University of Architecture, Civil Engineering and Geodesy Sofia.
4.	*****Kolaković S.: Modelling of the unsteady flow - sediment interaction - grain size approach, International Jubilee Conference: Science and Technic 65th anniversary Faculty of Hydraulic Engineering and 15th anniversary Hydraulic Engineering in German, Sofia, Bulgaria, November 6-7. 2014, University of Architecture, Civil Engineering and Geodesy Sofia.
5.	*****Kolaković S.: Analysis possition of filtration line and seepage flow trought the Mesić dam using SEEP/W software, International Jubilee Conference: Science and Technic 65th anniversary Faculty of Hydraulic Engineering and 15th anniversary Hydraulic Engineering in German, Sofia, Bulgaria, November 6-7. 2014, University of Architecture, Civil Engineering and Geodesy Sofia.
6.	Kolaković S.: The Assessment of the Danube and Tisza water quality in Serbia, 3. International Conference "Ecology of Urban Areas", Zrenjanin: Faculty of technical Sciences "Mihajlo Pupin" Zrenjanin, 11 Oktobar, 2013, ISBN 978-86-7672-210-5
7.	Kolaković S.: Sanitation and wastewater management in Vojvodina (Serbia), 6. PSU-UNS International Conference on Engineering and Technology - ICET, Novi Sad: Faculty of technical Sciences Novi Sad, 15-17 Maj, 2013, ISBN 978-86-7892-510-8
8.	Kolaković S.: Influence of vegetation on the flood wave propagation of Tisza river, 6. PSU-UNS International Conference on Engineering and Technology - ICET, Novi Sad: Faculty of technical Sciences Novi Sad, 15-17 Maj, 2013, ISBN 978-86-7892-510-8

Representative refferences (minimum 5, not more than 10)	
9.	Kolaković S.: Sedimentation transport in artificial lake Tikvara, 6. PSU-UNS International Conference on Engineering and Technology - ICET, Novi Sad: Faculty of technical Sciences Novi Sad, 15-17 Maj, 2013, ISBN 978-86-7892-510-8
10.	Kolaković S.: Primena determinističkih metoda proračuna efektivnih padavina na primeru naselja Slankamen, 1. GEO-EXPO, Jahorina: Društvo za geotehniku u Bosni i Hercegovini, 31-2 Maj, 2013

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	7			
Total of SCI(SSCI) list papers :	2			
Current projects :	Domestic :	1	International :	2

Science, arts and professional qualifications

Name and last name:	Laban Đ. Mirjana
Academic title:	Associate Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.04.2018
Scientific or art field:	Materials in civil engineering, condition assessment and construction

Academic carieer	Year	Institution	Field
Academic title election:	2018		Materials in civil engineering, condition assessment and construction sanation
PhD thesis	2012	Faculty of Technical Sciences - Novi Sad	Architectural and urban 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.	URZP09	Social resilience to hazards	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
2.	URZP21	Risk Management and Sustainable Settlements' Development	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP24	Fundamentals of Technical Documentation Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP41	Disasters and Vulnerability	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	URZP56	Disaster risk management and fire safety-basic	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	ZP503	Fire Protection Planning and Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	ZP505	PASSIVE FIRE PROTECTION MEASURES DESIGN	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	ZP510	Risk Analysis in Decision Making Process	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
10.	ZP512	Protection and Rescue Plans	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
11.	URZP74	Evacuation Calculation and Modelling	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
12.	IM2718	Fire Risk Management in Industry	(I20) Engineering Management, Master Academic Studies
13.	RDO01	Disaster Risk Management and Fire Safety - Selected Chapters	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
14.	GD033	Fire Safety of Building Structures - Selected Chapters	(G00) Civil Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
15.	GD034	Advanced Disaster Risk Analysis Methods - Selected Chapters	(G00) Civil Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Laban M., Folić R.,: Energy efficiency of industrially made buildings influenced by thermal properties of facades, Thermal Science - International Scientific Journal, 2014, Vol.18, No 2, pp. 615-630, ISSN 0354-9836, UDK: 621
2.	Lazarevska M., Trombova Gavriloska A., Laban M., Knežević M., Cvetkovska M.: Determination of Fire Resistance of Eccentrically Loaded Reinforced Concrete Columns Using Fuzzy Neural Networks, Complexity, 2018, Vol. 2018, No Article ID 8204568, pp. 1-12, ISSN 1076-2787, UDK: Article ID 8204568

Representative refferences (minimum 5, not more than 10)

3.	Malešev M., Radonjanin V., Draganić (Vukoslavče S., Šupić S., Laban M.: UTJECAJ LETEĆEG PEPELA I SMANJENJA VODOVEZIVNOG OMJERA NA SVOJSTVA BETONA S RECIKLIRANIM AGREGATOM, Građevinar, 2017, No 69, pp. 811-820, ISSN 0350-2465
4.	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
5.	Dražić J., Laban M.: Multicriteria evaluation and window selection, Građevinski materijali i konstrukcije, 2015, Vol. 58, No 3, pp. 37-52, ISSN 0543-0798, UDK: 674.21
6.	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
7.	Radeka M., Milović (Tatomirović T., Malešev M., Radonjanin V., Laban M.: Hydration process and compressive strength of cement pastes containing natural zeolite, Materijali i konstrukcije, 2016, Vol. 59, No 2, pp. 29-45, ISSN 0543-0798, UDK: 06.055.2:62-03+620.1+624.001.5(497.1)=861
8.	Šupić S., Malešev M., Radonjanin V., Radeka M., Laban M.: Application of Biomass Ashes as Supplementary Cementitious Materials in the Cement Mortar Production, Proceedings of World Academy of Science, Engineering and Technology, 2018, Vol. 12, No 7, pp. 703-709, ISSN 1307-6892
9.	Laban M., Radonjanin V.: Izgradnja otpornosti društva na hazarde kroz unapređenje kapaciteta u visokom obrazovanju, 10. Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Vršac: Savez građvinskih inženjera Srbije, 14-16 Jun, 2017, pp. 5-68, ISBN 98-86-88897-09-9
10.	Radonjanin V., Laban M., Milanko V., Savić B., Draganić (Vukoslavče S.: ERASMUS+ KA2: CAPACITY BUILDING IN DISASTER RISK MANAGEMENT AND FIRE SAFETY ENGINEERING HE IN WBC, 2. Safety Engineering, Novi Sad: HIGHER EDUCATION TECHNICAL SCHOOL OF PROFESSIONAL STUDIES, 5-7 Oktobar, 2016, pp. 17-24, ISBN 978-86-6211-106-7

Summary data for teacher's scientific or art and professional activity:

Quotation total :	15			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	2	International :	3

Science, arts and professional qualifications

Name and last name:	Lukić M. Ivan
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:	Materials in civil engineering, condition assessment and construction

Academic carieer	Year	Institution	Field
Academic title election:	2015	Faculty of Technical Sciences - Novi Sad	Materials in civil engineering, condition assessment and construction sanation
PhD thesis	2015	Faculty of Technical Sciences - Novi Sad	Materials in civil engineering, condition assessment and construction sanation
Bachelor's thesis	2006	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.	GG09	Building materials 2	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG21	Technology of concrete	(G00) Civil Engineering, Undergraduate Academic Studies
3.	URZP13	Building Materials and Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP62	Assessment of Damaged Structures	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
5.	ZP509	Fire and Explosion Investigation	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	EEA05	Energy efficient materials and diagnostic of building thermotechnical performances	(AH0) Architecture, Master Academic Studies
7.	GD023	Energy efficiency of buildings	(G00) Civil Engineering, Doctoral Academic Studies
8.	GD028	Selected chapters in durability of concrete nad masonry structures	(G00) Civil Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
9.	RDI12R	Energy efficiency of buildings and climatic changes	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Lukić I.: Komparativna analiza osnovnih svojstava konstrukcijskih betona spravljenih sa različitim vrstama lakih agregata , Novi Sad, Fakultet tehničkih nauka, Novi Sad, 2015, str. 1-332
2.	Bulatović V., Malešev M., Radeka M., Radonjanin V., Lukić I.: Evaluation of Sulfate Resistance of Concrete With Recycled and Natural Aggregates, Construction and Building Materials, 2017, Vol. 152, pp. 614-631, ISSN 0950-0618(02)00045-4
3.	Lukić I., Malešev M., Radonjanin V., Bulatović V.: Basic Properties of Structural LWAC Based on Waste and Recycled Materials, Journal of Materials in Civil Engineering, 2016, ISSN 0899-1561, UDK: DOI: 10.1061/(ASCE)MT.1943-5533.0001696
4.	Malešev M., Radonjanin V., Lukić I., Bulatović V.: The Effect of Aggregate, Type and Quantity of Cement on Modulus of Elasticity of Lightweight Aggregate Concrete, Arabian Journal for Science and Engineering, 2013, Vol. 38, No 2, pp. 705-711, ISSN 1319-8025, UDK: 10.1007/s13369-013-0702-2
5.	Radonjanin V., Malešev M., Folić R., Lukić I.: Assessment and Repair of the Bearing Structure of Gradiska Cultural Centre after Fire, Technical Gazette, Tehnicki vjesnik - Technical Gazette, 2014, ISSN 1330-3651
6.	Lukić I., Malešev M., Radonjanin V., Bulatović V., Dražić J.: Komparativna LCA analiza greda spravljenih od normalnog i konstrukcijskog lakoagregatnog betona, Građevinski materijali i konstrukcije, 2013, Vol. 56, No 1, pp. 3-15, ISSN 0543-0798, UDK: 861
7.	Kovačević D., Radonjanin V., Malešev M., Vlajić Lj., Lađinović Đ., Ninkov T., Ranković S., Lukić I., Džolev I., Milovanović V.: Isptivanje "Mosta na Adi" probnim opterećenjem, 13. Konferencija Savremena građevinska praksa, Andrevlje: Fakultet tehničkih nauka, 17-18 Maj, 2012, pp. 201-220, ISBN 978-86-7892-376-0
8.	Lukić I., Radonjanin V., Malešev M.: Konstrukcijski lakoagregatni betoni sa visokim sadržajem mineralnih dodataka, 18. Savremena građevinska praksa, Andrevlje: Fakultet tehničkih nauka, Departman za građevinarstvo i geodeziju, 26-27 Maj, 2016, pp. 201-220, ISBN 978-86-7892-809-3
9.	Malešev M., Šupić S., Radeka M., Radonjanin V., Laban M., Dražić J., Lukić I., Bulatović V.: ISTRAŽIVANJE PRIMENE PEPELA POLJOPRIVREDNE BIOMASE U GRAĐEVINSKIM PROIZVODIMA U SRBIJI U SKLOPU PROJEKTA ECO BUILD, 20. Savremena građevinska praksa, Andrevlje: DNK CREATIVE STUDIO, 31-1 Maj, 2018, pp. 53-76, ISBN 978-86-6022-052-5
10.	Radonjanin V., Malešev M., Lukić I., Šupić S., Draganić (Vukoslavče S.: The assessment and repair of the precast RC structure exposed to fire, Journal of Applied Engineering Science, 2016, Vol. 14, No 1, pp. 1-6, ISSN 1451-4117, UDK: 33

Summary data for teacher's scientific or art and professional activity:

Quotation total :	19			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	2	International :	2

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:	Risk and insurance management

Academic carieer	Year	Institution	Field
Academic title election:	2007	University of Novi Sad - Novi Sad	Risk and insurance management
PhD thesis	1984	Faculty of Law - Beograd	Risk and insurance management
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.	IM2714	Marketing in insurance	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1712	Management of property insurance	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1713	Personal risk management	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1720	Risk prevention	(I20) Engineering Management, Undergraduate Academic Studies
5.	Z511P	Institutional Frameworks in Risk Management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	ZP511	Financial Resistance to Risks	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
7.	IM2123	Business Process Risk Management	(I20) Engineering Management, Master Academic Studies
8.	IM2713	Rates of Insurance Premiums	(I20) Engineering Management, Master Academic Studies
9.	IM2723	Institutional Frameworks in Risk Management	(I20) Engineering Management, Master Academic Studies
10.	IMM150	Fundamentals of insurance	(IMM) Engineering Management MBA, Professional Master Studies
11.	IMM351	Technical Basis of Insurance	(IMM) Engineering Management MBA, Professional Master Studies
12.	IMM451	Foundamentals of insurance law	(IMM) Engineering Management MBA, Professional Master Studies
13.	IMS351	Technical Basis of Insurance	(I22) Engineering Management, Specialised Academic Studies
14.	IMS451	Foundamentals of insurance law	(I22) Engineering Management, Specialised Academic Studies
15.	MBA307	Business Law	(IMM) Engineering Management MBA, Professional Master Studies

Representative refferences (minimum 5, not more than 10)

1. Žarković N., Lisov M., Mrkšić D.: Investments of Serbian insurance companies, Ekonomska istraživanja - Economic Research, 2012, Vol. 25, No 4, pp. 1113-1126, ISSN 1331-677X, UDK: 338
2. Mrkšić D., Ćosić Đ.: Upravljanje rizikom i osiguranje, Novi Sad, Fakultet tehničkih nauka Univerziteta u Novom Sadu, 2015, str. 1-255, ISBN 978-86-7892-736-2
3. Mrkšić, D., Carić, S., Vitez, M.:PRIVREDNO PRAVO, CENTAR ZA PRIVREDNI CONSALTING, Novi Sad, petnaesto izdanje, 2005., str. 500,
4. Mrkšić, D., Marović, B.: OSIGURANJE I REOSIGURANJE, FINANSING CENTAR, Novi Sad, 1996.
5. Mrkšić, D., Petrović, Z.: PRAVO OSIGURANJA, FAKULTET ZA POSLOVNO PRAVO Beograd, Beograd 2004.
6. Mrkšić, D.: OSIGURANJE U TEORIJI I PRAKSI, ALEF, Novi Sad, 1990.
7. Mrkšić, D., Kostadinović, S.: KOMPANIJSKO PRAVO, FAKULTET ZA USLUŽNI BIZNIS, Novi Sad, 2004.
8. Mrkšić, D., Petrović, Z.: ŽIVOTNO OSIGURANJE, DIS PUBLIK, Beograd, 2005.

Representative refferences (minimum 5, not more than 10)	
9.	Mrkšić, D., Šulejić, P., Vujović, R., Žarković, N., Rašeta, J., Miloradić, J.: OSNOVI OSIGURANJA, FAKULTET ZA FINANSIJSKI MENADŽMENT I OSIGURANJE, Beograd, 2006.
10.	Mrkšić, D., Miloradić, J., Žarković, N.: UVOD U OSIGURANJE I ŽIVOTNA OSIGURANJA, IKP „ZASLON“ Šabac i Monart – Sremska Mitrovica, Novi Sad, 2006.

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	122			
Total of SCI(SSCI) list papers :	2			
Current projects :	Domestic :	0	International :	0

Science, arts and professional qualifications

Name and last name:	Mučenski Lj. Vladimir
Academic title:	Associate Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.12.2005
Scientific or art field:	Construction technology, organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2019		Construction technology, organization and management
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Master's thesis	2005	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Bachelor's thesis	2005	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.	A374	Project and Construction Management	(A00) Architecture, Undergraduate Academic Studies
2.	GG31H	Technology and Building Organization in Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	ZR302A	Safety at work in construction	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies
4.	ZRI43A	Management of Safety at Work Process in Construction	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies
5.	URZP73	Organization of Construction Works in the Reconstruction of the Settlement	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	GG519	Construction Management	(G00) Civil Engineering, Master Academic Studies
7.	GM531	Project Management in Construction	(G00) Civil Engineering, Master Academic Studies
8.	GM533	Management of Occupational Health and Safety in Construction	(G00) Civil Engineering, Master Academic Studies
9.	GM535	BIM in Construction Management	(G00) Civil Engineering, Master Academic Studies
10.	A394	BIM in Construction Project Management	(AH0) Architecture, Master Academic Studies
11.	GD025	Selected Topics in Project Management in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies
12.	GD035	Risk Management in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies
13.	RDI013	Bezbednost i rezilijentnost kritičnih infrastruktura	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
14.	ZRD241	Selected Topics of Occupational Health and Safety in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z01) Occupational Safety Engineering, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Peško I., Mučenski V., Šešlija M., Radović N., Vujkov A., Bibić (Đorđević) D., Krklješ M.: Estimation of Costs and Durations of Construction of Urban Roads Using ANN and SVM, Complexity, 2017, Vol. 2017, ISSN 1076-2787, UDK: https://doi.org/10.1155/2017/2450370
2.	Mučenski V., Peško I., Trivunić M., Ćirović G., Dražić J.: Identification of Injury Risk in Building Construction - Education, Experience and Type of Works, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 6, pp. 1011-1017, ISSN 1330-3651, UDK: 331.463:69]:311.313(497.113)
3.	Mučenski V., Trivunić M., Ćirović G., Peško I., Dražić J.: Estimation of Recycling Capacity of Multi-storey Building Structures Using Artificial Neural Networks, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2013, Vol. 10, No 4, pp. 175-192, ISSN 1785-8860, UDK: 10.12700/APH.10.04.2013.4.11
4.	Peško I., Trivunić M., Goran Ć., Mučenski V.: A Preliminary Estimate of Time and Cost in Urban Road Construction Using Neural Networks, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 3, pp. 563-570, ISSN 1330-3651, UDK: UDK 658.5.012.2:004.032.26]>625.712.05

Representative refferences (minimum 5, not more than 10)	
5.	Mučenski V., Peško I., Velkovski T., Čaloska J., Vujkov A., Bibić (Đorđević) D.: Impact of Construction Machinery and Tools on Non-Fatal Injuries in the Building Processes, Tehnicki vjesnik - Technical Gazette, 2018, Vol. 25, No 6, pp. 1201-1208, ISSN 1330-3651
6.	Dražić J., Darko D., Mučenski V., Peško I.: Multi-criteria Analysis of Variation Solutions for the Pipeline Route by Applyng the PROMETHEE method, Tehnicki vjesnik - Technical Gazette, 2016, Vol. 23, No 2, pp. 599-610, ISSN 1330-3651
7.	Vujkov A., Bibić (Đorđević) D., Peško I., Mučenski V., Dražić J., Trivunić M.: Estimation of Recycling Capacity Using ANN and SVM, Građevinar, 2018, Vol. 70, No 9, pp. 783-792, ISSN 0350-2465, UDK: 624+69(05)=862
8.	Mučenski V.: Model semikvantitativne procene rizika zaštite na radu za procese izgradnje, Novi Sad, UNIVERZITET U NOVOM SADU, FAKULTET TEHNIČKIH NAUKA, 2013, str. 1-208
9.	Peško I., Dražić J., Mučenski V., Trivunić M.: Preparing a Data Base for Estimating Seismic Damage on Buildings by Applyng ANN, Journal of Applied Engineering Science, 2012, Vol. 10, No 1, pp. 21-26, ISSN 1451-4117, UDK: 33
10.	Mučenski V., Peško I., Trivunić M., Dražić J., Ćirović G.: Optimization for Estimating the Amount of Concrete and Reinforcement Required for Multy-storey Buildings, Građevinski materijali i konstrukcije, 2012, Vol. 55, No 2, pp. 27-46, ISSN 2217-8139, UDK: 004.032.26:691.32=861

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	52			
Total of SCI(SSCI) list papers :	7			
Current projects :	Domestic :	2	International :	0

Science, arts and professional qualifications

Name and last name:	Pečujlija D. Mladen
Academic title:	Associate Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.10.2006
Scientific or art field:	Human resources and communications

Academic carieer	Year	Institution	Field
Academic title election:	2016	University of Novi Sad - Novi Sad	Human resources and communications
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.	IM1718	Crisis Management	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1913	Research methodology in HRM area 1	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1922	Organizational Behavior	(I20) Engineering Management, Undergraduate Academic Studies
4.	URZP38	Selected Chapters in Psychology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	ZP506	Crisis Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	IM2813	Media Aesthetics	(I20) Engineering Management, Master Academic Studies
7.	IM2918	Research Methodology in HRM area 2	(I20) Engineering Management, Master Academic Studies
8.	IM2920	Personnel Management	(I20) Engineering Management, Master Academic Studies
9.	IMDR10	Cognitive Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
10.	IMDR13	Methods and techniques of scientific and research work	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
11.	IMDR20	Crisis Management selected chapters	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
12.	IMDR77	Selected topics from human resources management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
13.	RDI04	Qualitative Risk Assessment Methods - Selected Chapters	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1. Pecujlija, M., Cosic, D (2010). An Orthodox Christian Reflection: Genetic Enhencement 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
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). Initating 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

Representative refferences (minimum 5, not more than 10)	
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

Science, arts and professional qualifications

Name and last name:	Pekarić-Nađ 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 electrical engineering

Academic carieer	Year	Institution	Field
Academic title election:	2001	University of Novi Sad - Novi Sad	Theoretical electrical engineering
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.	E105	Fundamental electrical engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies
2.	E216	Fundamental electrical engineering	(E20) Computing and Control Engineering, Undergraduate Academic Studies
3.	EE300	Electromagnetics	(MR0) Measurement-Information Technologies and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
4.	EK331	Propagation of electromagnetic waves	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
5.	ESI119	Fundamental electrical engineering	(ES0) Power Software Engineering, Undergraduate Academic Studies
6.	II1007	Fundamental electrical engineering	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
7.	II1010	Technical system control	(I10) Industrial Engineering, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies
8.	IM1022	Basics of technical system control	(I20) Engineering Management, Undergraduate Academic Studies
9.	URZP12	Introduction to ?lectrical ?ngineering	(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.	RDI015	Power Loss Mitigation Strategies and Risk management	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
12.	RDI018	Risk and protection from electrostatic discharges	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1. Neda Pekarić-Nadj, Vera Bajović, “Izbor rešenih problema iz Osnova elektrotehnike”, Gradjevinska knjiga, Beograd, 2007
2. Neda Pekarić-Nadj, Dejana Herceg, “Osnovi elektrotehnike za studente Računarskog odseka” edicja FTN, Novi Sad, 2005
3. Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "Optimization of cable terminations", IEEE Trans. PWRD,Vol.12, No 2, 1997 p.p. 527-532
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

Representative refferences (minimum 5, not more than 10)	
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 Electromegnetics and Optimization inElectrical 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 Electromegnetics and Optimization inElectrical 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
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 :	2	International :	1

Science, arts and professional qualifications

Name and last name:	Peško N. Igor
Academic title:	Associate Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.12.2006
Scientific or art field:	Construction technology, organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2019	Faculty of Technical Sciences - Novi Sad	Construction technology, organization and management
PhD thesis	2013	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Master's thesis	2006	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Bachelor's thesis	2006	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.	A374	Project and Construction Management	(A00) Architecture, Undergraduate Academic Studies
2.	A375	Basics of building technology	(A00) Architecture, Undergraduate Academic Studies
3.	GI021	Real Estate Valuation	(GI0) Geodesy and Geoinformatics, Undergraduate Academic Studies
4.	GG31P	Building Technology - Roads	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GG33P	Building Organization - Roads	(G00) Civil Engineering, Undergraduate Academic Studies
6.	GG700	BIM in Civil Engineering	(G00) Civil Engineering, Master Academic Studies
7.	URZP73	Organization of Construction Works in the Reconstruction of the Settlement	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
8.	GM531	Project Management in Construction	(G00) Civil Engineering, Master Academic Studies
9.	GM535	BIM in Construction Management	(G00) Civil Engineering, Master Academic Studies
10.	A394	BIM in Construction Project Management	(AH0) Architecture, Master Academic Studies
11.	AP08B	Architectural Detail - Shape and Technology	(AH0) Architecture, Master Academic Studies
12.	GD025	Selected Topics in Project Management in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies
13.	GD035	Risk Management in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies
14.	RDI01	Selected Chapters in Seismic Harzard Assesssment and Vulnerability of Civil Engineering Structutes	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
15.	RDI013	Bezbednost i rezilijentnost kritičnih infrastruktura	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Peško I., Mučenski V., Šešlija M., Radović N., Vujkov A., Bibić (Đorđević) D., Krklješ M.: Estimation of Costs and Durations of Construction of Urban Roads Using ANN and SVM, Complexity, 2017, Vol. 2017, ISSN 1076-2787, UDK: https://doi.org/10.1155/2017/2450370
2.	Radović N., Mirković K., Šešlija M., Peško I.: OUTPUT AND PERFORMANCE BASED ROAD MAINTENANCE CONTRACTING – CASE STUDY SERBIA, Tehnicki vjesnik - Technical Gazette, 2014, Vol. 3, No 21, pp. 681-688, ISSN 1330-3651, UDK: 347.44:625.76(497.11)
3.	Mučenski V., Peško I., Trivunić M., Ćirović G., Dražić J.: Identification of Injury Risk in Building Construction - Education, Experience and Type of Works, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 6, pp. 1011-1017, ISSN 1330-3651, UDK: 331.463:69]:311.313(497.113)
4.	Mučenski V., Trivunić M., Ćirović G., Peško I., Dražić J.: Estimation of Recycling Capacity of Multi-storey Building Structures Using Artificial Neural Networks, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2013, Vol. 10, No 4, pp. 175-192, ISSN 1785-8860, UDK: 10.12700/APH.10.04.2013.4.11

Representative refferences (minimum 5, not more than 10)

5.	Peško I., Trivunić M., Goran Ć., Mučenski V.: A Preliminary Estimate of Time and Cost in Urban Road Construction Using Neural Networks, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 3, pp. 563-570, ISSN 1330-3651, UDK: UDK 658.5.012.2:004.032.26]>625.712.05
6.	Mučenski V., Peško I., Velkovski T., Čaloska J., Vujkov A., Bibić (Đorđević) D.: Impact of Construction Machinery and Tools on Non-Fatal Injuries in the Building Processes, Tehnicki vjesnik - Technical Gazette, 2018, Vol. 25, No 6, pp. 1201-1208, ISSN 1330-3651
7.	Dražić J., Darko D., Mučenski V., Peško I.: Multi-criteria Analysis of Variation Solutions for the Pipeline Route by Applyng the PROMETHEE method, Tehnicki vjesnik - Technical Gazette, 2016, Vol. 23, No 2, pp. 599-610, ISSN 1330-3651
8.	Radović N., Šešlija M., Peško I.: Ekspertne projektne analize u procesu gospodarenja održavanjem cesta, Građevinar, 2013, No 7, pp. 641-652, ISSN 0350-2465, UDK: 725.76.001.3:69.008
9.	Peško I., Dražić J., Mučenski V., Trivunić M.: Preparing a Data Base for Estimating Seismic Damage on Buildings by Applyng ANN, Journal of Applied Engineering Science, 2012, Vol. 10, No 1, pp. 21-26, ISSN 1451-4117, UDK: 33
10.	Mučenski V., Peško I., Trivunić M., Dražić J., Ćirović G.: Optimization for Estimating the Amount of Concrete and Reinforcement Required for Multy-storey Buildings, Građevinski materijali i konstrukcije, 2012, Vol. 55, No 2, pp. 27-46, ISSN 2217-8139, UDK: 004.032.26:691.32=861

Summary data for teacher's scientific or art and professional activity:

Quotation total :	20			
Total of SCI(SSCI) list papers :	9			
Current projects :	Domestic :	2	International :	0

Science, arts and professional qualifications

Name and last name:	Popov B. Srđan
Academic title:	Associate 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 information engineering

Academic carieer	Year	Institution	Field
Academic title election:	2017	University of Novi Sad - Novi Sad	Applied computer science and information engineering
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.	IM1716	Modeling and simulation in risk management	(I20) Engineering Management, Undergraduate Academic Studies
2.	URZP11	Fundamentals of Information Technologies	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP23	Applied Information Technologies	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP35	Modeling and Simulation in Risk Management	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP72	Contemporary Methods of Airborne Mapping	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	E214	Programming Languages and Data Structures	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies
7.	E2520	Techniques of programming in multimedia	(E20) Computing and Control Engineering, Master Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies
8.	ZP501	Integrated Natural Disaster Risk Management	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	IM2707	Integrated Risk Management	(I20) Engineering Management, Master Academic Studies
10.	IM2715	Implementation of information systems in insurance	(I20) Engineering Management, Master Academic Studies
11.	IMDR45	Application of information and satellite technology in risk management in terms of catastrophic events	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
12.	RDI11R	Selected chapters of modern methods of collecting and data processing	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
13.	GD034	Advanced Disaster Risk Analysis Methods - Selected Chapters	(G00) Civil Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
14.	DRNI01	Selected chapters in programming	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

Representative refferences (minimum 5, not more than 10)

1.	Radonić (Jakšić) J., Jovčić Gavanski N., Ilić M., Popov S., Batić Očovaj S., Vojinović-Miloradov M., Turk Sekulić M.: Emission sources and health risk assessment of polycyclic aromatic hydrocarbons in ambient air during heating and non-heating periods in the city of Novi Sad, Serbia DOI 10.1007/s00477-016-1372-x, Stochastic Environmental Research and Risk Assessment, 2016, ISSN 1436-3240
2.	Frank A., Armenski T., Gocić M., Popov S., Popović Lj., Trajković S.: Influence of mathematical and physical background of drought indices on their complementarity and drought recognition ability, Atmospheric Research, 2017, Vol. 194, pp. 268-280, ISSN 0169-8095
3.	Mihailović A., Budinski-Petković Lj., Popov S., Ninkov J., Vasin J., Ralević N., Vučinić-Vasić M.: Spatial distribution of metals in urban soil of Novi Sad, Serbia: GIS based approach, Journal of Geochemical Exploration, 2015, No 150, pp. 104-114, ISSN 0375-6742
4.	Stojaković V., Popov S., Tepavčević B.: Visualization of the Centre of Projection Geometrical Locus in a Single Image, DOI 10.1111/cgf.12254, Computer Graphics Forum, 2013, ISSN 0167-7055
5.	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
6.	Ćosić 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
7.	Bajić S., Popov S.: Flood hazard analysis – GIS aspects of possible solution, Fresenius Environmental Bulletin, 2017, Vol. 26, No 8/2017, pp. 5041-5048, ISSN 1018-4619
8.	Popov S., Bajić S.: GI aspects of continuous monitoring of hazard indicators, 4. International Conference on Applied and Information Technologies, Zrenjanin: Technical Faculty "Mihajlo Pupin" Zrenjanin, 23 Oktobar, 2015, pp. 13-18, ISBN 978-86-7672-260-0
9.	Armenski T., Stankov U., Dolinaj D., Mesaroš M., Jovanović M., Pantelić (Pašić) M., Pavić D., Popov S., Popović Lj., Frank A., Ćosić Đ.: Social and Economic Impact of Drought on Stakeholders in Agriculture, Geographica Pannonica, 2014, Vol. 18, No 2, pp. 34-42, ISSN 0354-8724
10.	Jovanović M., Pavić D., Mesaroš M., Stankov U., Pantelić (Pašić) M., Armenski T., Dolinaj D., Popov S., Ćosić Đ., Popović Lj., Frank A., Crnojević V.: Water shortage and drought monitoring in Bačka region (Vojvodina, North Serbia) – setting-up measurement stations network, Geographica Pannonica, 2013, Vol. 17, No 4, pp. 114-124, ISSN 0354-8724

Summary data for teacher's scientific or art and professional activity:

Quotation total :	30			
Total of SCI(SSCI) list papers :	8			
Current projects :	Domestic :	2	International :	0

Science, arts and professional qualifications

Name and last name:	Popović M. Ljiljana
Academic title:	Assistant Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.10.2010
Scientific or art field:	Production and service systems - organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2018	Faculty of Technical Sciences - Novi Sad	Production and service systems - organization and management
PhD thesis	2018	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Master's thesis	2009	Faculty of Technical Sciences - Novi Sad	Production Systems, Organization and Management
Bachelor's thesis	2009	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.	IM2714	Marketing in insurance	(I20) Engineering Management, Undergraduate Academic Studies
2.	S0I321	Traffic insurance	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
3.	URZP09	Social resilience to hazards	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	URZP46	Disaster risk management cycle	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP56	Disaster risk management and fire safety-basic	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	URZP80	Fundamental Principles of Insurance	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	IM1024	Risk management and insurance	(I20) Engineering Management, Undergraduate Academic Studies
8.	IM1706	Risk method analysis	(I20) Engineering Management, Undergraduate Academic Studies
9.	IM2713	Rates of Insurance Premiums	(I20) Engineering Management, Master Academic Studies
10.	ZP511	Financial Resistance to Risks	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
11.	IM2722	Hazards and Environment	(I20) Engineering Management, Master Academic Studies
12.	IM2723	Institutional Frameworks in Risk Management	(I20) Engineering Management, Master Academic Studies
13.	IMM150	Fundamentals of insurance	(IMM) Engineering Management MBA, Professional Master Studies
14.	IMS150	Basics of Insurance	(I22) Engineering Management, Specialised Academic Studies
15.	MPK009	Hazards and Environment	(MPK) Water Treatment and Safety Engineering - TEMPUS, Master Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Popović Lj.: Model osiguranja useva od rizika suše, Novi Sad, Fakultet tehničkih nauka, UNS, 2018
2.	Frank A., Armenski T., Gocić M., Popov S., Popović Lj., Trajković S.: Influence of mathematical and physical background of drought indices on their complementarity and drought recognition ability, Atmospheric Research, 2017, Vol. 194, pp. 268-280, ISSN 0169-8095

Representative refferences (minimum 5, not more than 10)

3.	Novaković T., Jevtić M., Bondžić (Simić) J., Popović Lj., Ćosić Đ., Popov S., Laban M., Radonjanin V.: Insurance and Disaster Risk Management: Reduction Vulnerability and Risk, 1. S-FORCE Knowledge FOr Resilient soCiEty, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, Department of Civil Engineering and Geodesy, 28-29 Septembar, 2018, pp. 79-86, ISBN 978-86-6022-093-8
4.	Popović Lj., Ćosić Đ., Medić N., Novaković T.: Consumption Analysis for Water Shortage Risk Estimation, 17. International Scientific Conference on INDUSTRIAL SYSTEMS - IS, Novi Sad: University of Novi Sad, Faculty of Technical Sciences, Department for Industrial Engineering and Management, 4-6 Oktobar, 2017, pp. 382-387, ISBN 978-86-7892-978-6
5.	Popović Lj., Popov S., Ćosić Đ.: A GIS Based Approach for Hydrological Conflicts Estimation, 8. ITRO - International Conference on Information Tecnology and Development of Education, Zrenjanin: University of Novi Sad, Technical faculty „Mihajlo Pupin", Zrenjanin, Republic of Serbia, 22 Jun, 2017, pp. 43-48, ISBN 978-86-7672-302-7
6.	Popović Lj., Popov S., Ćosić Đ., Frank A.: Wireless Sensor Network for In-Situ Monitoring of Water Shortage in Bačka region, 16. International Scientific Conference on INDUSTRIAL SYSTEMS - IS, Novi Sad: UNIVERSITY OF NOVI SAD - FACULTY OF TECHNICAL SCIENCES, 15-17 Oktobar, 2014, pp. 393-396, ISBN 978-86-7892-652-5 , UDK: 658.5(082)
7.	Popov S., Ćosić Đ., Novaković T., Popović Lj.: Modelovanje i simulacija u upravljanju rizikom, Novi Sad, Fakultet tehničkih nauka, 2016, ISBN 978-86-7892-832-1
8.	Jovanović M., Pavić D., Mesaroš M., Stankov U., Pantelić (Pašić) M., Armenski T., Dolinaj D., Popov S., Ćosić Đ., Popović Lj., Frank A., Crnojević V.: Water shortage and drought monitoring in Bačka region (Vojvodina, North Serbia) – setting-up measurement stations network, Geographica Pannonica, 2013, Vol. 17, No 4, pp. 114-124, ISSN 1820-7138
9.	Armenski T., Stankov U., Dolinaj D., Mesaroš M., Jovanović M., Pantelić (Pašić) M., Pavić D., Popov S., Popović Lj., Frank A., Ćosić Đ.: Social and Economic Impact of Drought on Stakeholders in Agriculture, Geographica Pannonica, 2014, Vol. 18, No 2, pp. 34-42, ISSN 1820-7138
10.	Frank A., Frank R., Popović Lj.: Role of Drought Early Warning and Social Planning in Industrial Growth, International Journal of Industrial Engineering and Management, 2014, Vol. 5, No 1, pp. 45-51, ISSN 2217-2661, UDK: 005.96:330.34 502:330.34

Summary data for teacher's scientific or art and professional activity:

Quotation total :	4			
Total of SCI(SSCI) list papers :	1			
Current projects :	Domestic :	0	International :	0

Science, arts and professional qualifications

Name and last name:	Radeka M. Miroslava
Academic title:	Full Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	01.12.1979
Scientific or art field:	Materials in civil engineering, condition assessment and construction

Academic carieer	Year	Institution	Field
Academic title election:	2013	University of Novi Sad - Novi Sad	Materials in civil engineering, condition assessment and construction sanation
PhD thesis	1998	Faculty of Technology - Novi Sad	Material Science and Engineering Materials
Magister thesis	1985	Faculty of Technology - Novi Sad	Material Science and Engineering Materials
Bachelor's thesis	1979	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.	GG04	Building materials 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG412	Contemporary composites based on agriculture, industry and construction waste	(G00) Civil Engineering, Undergraduate Academic Studies
3.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	ZP503	Fire Protection Planning and Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	ZP509	Fire and Explosion Investigation	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	EEA02	Energy efficiency and certification of buildings	(AH0) Architecture, Master Academic Studies
7.	GD012	Selected parts of materials science	(G00) Civil Engineering, Doctoral Academic Studies
8.	GD028	Selected chapters in durability of concrete nad masonry structures	(G00) Civil Engineering, Doctoral Academic Studies (ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Evaluation of Sulfate Resistance of Concrete With Recycled and Natural Aggregates,Construction and Building Materials ISSN: 0950-0618(02)00045-4, pp 614-631, 2017
2.	Radeka M.: Self-Cleaning Materials and Surfaces-A Nanotechnology Approach Editor: Walid A Daoud J. Ranogajec and M. Radeka Self-Cleaning Surface of Clay Roofing Tiles, New Delhi, Wiley, 2014, str. 89-123, ISBN 9781119991779
3.	Maoduš N., Agarski B., Kočetov Mišulić T., Budak I., Radeka M.: Life cycle and energy performance assessment of three wall types in South-Eastern Europe region, Energy and Buildings, 2016, Vol. 113, pp. 605-614, ISSN 0378-7788
4.	Radeka M., Markov S., Lončar E., Rudić O., Vučetić (Petrović) S., Ranogajec J.: Photocatalytic effects of TiO2 mesoporous coating immobilized on clay roofing tiles, Journal of the European Ceramic Society, 2014, Vol. 34, pp. 127-136, ISSN 0955-2219
5.	Grubeša, I.N., Radeka, M., Malešev, M., Gojević, A., Siddique, R. (2018)Strength and microstructural analysis of concrete incorporating ash from sunflower seed shells combustion, Structural Concrete, article in press
6.	Vulić (rođ. Gelei) T., Hadnađev-Kostić M., Rudić O., Radeka M., Marinković-Nedučin R., Ranogajec J.: Improvement of cement-based mortars by application of photocatalytic active Ti–Zn–Al nanocomposites, Cement and Concrete Composites, 2013, Vol. 36, pp. 121-127, ISSN 0958-9465
7.	Ducman, V., Škapin Sever, A., Radeka, M., Ranogajec, J., Frost resistance of clay roofing tiles: Case study, Ceramics International 37 (2011) 85-91.
8.	Zorić, D.,Lazar, D.,Rudić,O., Radeka, M., Ranogajec, J., Hiršenberger, H., (2012): Thermal Conductivity of Lightweight aggregate based on coal flz ash, J Therm Anal Calorim, 110(1): 489-495.
9.	Ranogajec, J., Kojić, R., Rudić, O.,Ducman, B., radeka, M.,(2012): Frost action mechanisms of clay roofing tiles-case study, J Mater Civ Eng, 24(9): 1254-1260.
10.	Ranogajec J., Markov S., Kiurski J., Radeka M., Ducman V.: Microbial Deterioration of Clay Roofing Tiles as a Function of the Firing temperature , Journal of the American Ceramic Society, 2008, Vol. 91, No 11, pp. 3762-3767, ISSN 0002-7820

Summary data for teacher's scientific or art and professional activity:

Quotation total :	166			
Total of SCI(SSCI) list papers :	35			
Current projects :	Domestic :	1	International :	2

Science, arts and professional qualifications

Name and last name:	Ratković-NJegovan M. Biljana
Academic title:	Full Professor
Name of the institution where the teacher works full time and starting date:	-
Scientific or art field:	Media engineering and management

Academic carieer	Year	Institution	Field
Academic title election:	2017	University of Novi Sad - Novi Sad	Media engineering and management
PhD thesis	2003	University of Novi Sad - Novi Sad	Social Science
Magister thesis	1985	Essex university - -	Social Science
Bachelor's thesis	1980	Faculty of Political Sciences - Beograd	Political Science

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

	ID	Course name	Study programme name, study type
1.	IM1812	Multimedia technology	(I20) Engineering Management, Undergraduate Academic Studies
2.	IM1818	Visual identity	(I20) Engineering Management, Undergraduate Academic Studies
3.	IM1822	MANAGEMENT OF MEDIA CONTENT	(I20) Engineering Management, Undergraduate Academic Studies
4.	IM1825	Media management	(I20) Engineering Management, Undergraduate Academic Studies
5.	IM1920	Organizational socialization	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM2813	Media Aesthetics	(I20) Engineering Management, Master Academic Studies
7.	IM2822	Research on mass communications	(I20) Engineering Management, Master Academic Studies
8.	URZP64	The Role of Media in Risk Reduction	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
9.	IMDR76	Selected Chapters from Industrial Marketing and Media Engineering	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
10.	IMDR82	Industrial Eco-marketing Management	(I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies
11.	RDI017	MEDIA SYSTEMS AND CRISIS MANAGEMENT	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1. Vukadinović M., Ratković Njegovan B., Duđak Lj.: Contribution to the Research of Organizational Socialization: The Importance of Interviews in Anticipatory Stage., Journal for East European Management Studies, 2017, Vol. 22, No 2, pp. 169-198, ISSN 0949-6181
2. Stamenković, S., Ratković Njegovan, B., Vukadinović, M. (2018). Intra-national diversity: Perception of organizational justice and ethical climate in organizations in Serbia. Cross Cultural & Strategic Management, 25(3), 425–442. ISSN: 2059-5794.
3. Ratković Njegovan, B., Vukadinović, M., Grubić Nešić, L. (2011). Characteristics and Types of Authority: the Attitudes of Young People. A Case Study. Sociológia / Slovak Sociological Review, 43, 657-673. ISSN: 0049-1225.
4. Grubić-Nešić, L., Vranješ, S., Ratković Njegovan, B., Mitrović, S. (2012). Atitudes of the employees about the organizational restructuring: a sample of organizations in Serbia. Metalurgia international 12(17). ISSN: 1582-2214
5. Ratković Njegovan, B. (2011). Social Integration of Roma People – The Importance and Remit og Roma media: A Case Study. Trames: A Journal of the Humanities and Social Sciences, 15(1), 102-119. ISSN: 1406-0922
6. Dimić, Ž., Ratković Njegovan, B. (2015). Srpska periodika u Sremskim Karlovcima od 1827. do 2014. godine. Novi Sad: Društvo novinara Vojvodine : Malo istorijsko društvo – Novi Sad. ISBN 978-86-88967-02-0, str. 179.
7. Ratković Njegovan B., Beleslin (Šiđanin) I.: The Crisis of Public Broadcasting as the Management Crisis: A Case Study of the Radio Television of Vojvodina, Journal for East European Management Studies, 2014, Vol. 19, No 3, pp. 348-367, ISSN 0949-6181
8. Ratković Njegovan B., Šiđanin. I. (2011). Media and Creative Industries: The value of Creative Content In: XV International Scientific Conference on Industrial Systems – IS 11). Novi Sad: Faculty of Technical Sciences, Department of Industrial Engineering and Management, 583-587. ISBN: 978-86-7892-341-8.
9. Ratković Njegovan, B., Crnomarković, M.. (2012). School management in Serbia: Key Aspects of its Relation to School Success. Journal for East European Management Studies, 17(29, 184–205.

Representative refferences (minimum 5, not more than 10)	
10.	Ratković Njegovan, B. Teorija političke javnosti. (2004). Sremski Karlovci: Kairos.

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	67			
Total of SCI(SSCI) list papers :	8			
Current projects :	Domestic :	1	International :	0

Science, arts and professional qualifications

Name and last name:	Trivunić R. Milan
Academic title:	Full Professor
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad
	22.10.1985
Scientific or art field:	Construction technology, organization and management

Academic carieer	Year	Institution	Field
Academic title election:	2007	University of Novi Sad - Novi Sad	Construction technology, organization and management
PhD thesis	1996	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Magister thesis	1992	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Bachelor's thesis	1985	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.	GG31K	Construction Technology	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG33K	Building Organization	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG424	Prefabrication of concrete structures and assembly	(G00) Civil Engineering, Undergraduate Academic Studies
4.	ZR302A	Safety at work in construction	(Z01) Occupational Safety Engineering, Undergraduate Academic Studies
5.	URZP73	Organization of Construction Works in the Reconstruction of the Settlement	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	GG701	Bridges	(G00) Civil Engineering, Master Academic Studies
7.	GM532	Modeling the process in construction	(G00) Civil Engineering, Master Academic Studies
8.	GM533	Management of Occupational Health and Safety in Construction	(G00) Civil Engineering, Master Academic Studies
9.	GM700	Industrialization in construction	(G00) Civil Engineering, Master Academic Studies
10.	RDI013	Bezbednost i rezilijentnost kritičnih infrastruktura	(ZP1) Disaster Risk Management and Fire Safety, Doctoral Academic Studies
11.	ZRD241	Selected Topics of Occupational Health and Safety in Construction	(G00) Civil Engineering, Doctoral Academic Studies (Z01) Occupational Safety Engineering, Doctoral Academic Studies
12.	GD004	Selected Topics of Construction Management	(G00) Civil Engineering, Doctoral Academic Studies
13.	GD010	Advanced building technologies	(G00) Civil Engineering, Doctoral Academic Studies
14.	GD021	Selected topics of modeling processes in construction	(G00) Civil Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Occupational Safety Engineering, Doctoral Academic Studies

Representative refferences (minimum 5, not more than 10)

1.	Trivunić M., Dražić J.: Montaža betonskih konstrukcija zgrada, Drugo dopunjeno izdanje, Beograd, Univerzutet u Novom Sadu, FTN Novi Sad, AGM knjiga Beograd, 2009, str. 1-277, ISBN 978-86-86363-19-0
2.	Dukić D., Trivunić M., Starčev-Ćurčin A.: Computer-aided building maintenance with "BASE-FM" program, Automation in Construction, 2013, No 30, pp. 57-69, ISSN 0926-5805, UDK: 10.1016/j.autcon.2012.10.001
3.	Ćirović G., Radonjanin V., Trivunić M., Nikolić D.: Optimization of UHPFRC Beams Subjected to Bending Using Genetic Algorithms, Journal of Civil Engineering and Management, 2014, Vol. 20, No 4, pp. 527-536, ISSN 1392-3730
4.	Peško I., Trivunić M., Goran Ć., Mučenski V.: A Preliminary Estimate of Time and Cost in Urban Road Construction Using Neural Networks, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 3, pp. 563-570, ISSN 1330-3651, UDK: UDK 658.5.012.2:004.032.26]>625.712.05
5.	Mučenski V., Peško I., Trivunić M., Ćirović G., Dražić J.: Identification of Injury Risk in Building Construction - Education, Experience and Type of Works, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 6, pp. 1011-1017, ISSN 1330-3651, UDK: 331.463:69]:311.313(497.113)

Representative refferences (minimum 5, not more than 10)	
6.	Mučenski V., Trivunić M., Ćirović G., Peško I., Dražić J.: Estimation of Recycling Capacity of Multi-storey Building Structures Using Artificial Neural Networks, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2013, Vol. 10, No 4, pp. 175-192, ISSN 1785-8860, UDK: 10.12700/APH.10.04.2013.4.11
7.	Harmati N., Jakšić Ž., Trivunić M., Bulatović V.: Rising damp analysis and selection of optimal handling method in masonry construction, Periodica Polytechnica - Civil Engineering, 2014, Vol. 58, No 4, pp. 431-444, ISSN 0553-6626
8.	Mučenski V., Peško I., Dražić J., Ćirović G., Trivunić M., Bibić (Đorđević) D., Volkov M., Anton V.: Proizvodstvennыe riski i upravlenie bezopasnosti truda. Travmoopasnostь na stroitelьnom proizvodstve, Construction of Unique Buildings and Structures, 2015, Vol. 32, No 5, pp. 160-174, ISSN 2304-6295
9.	Trivunić, M. (1999): ″PRIMATES-An Expert System For Selecting The Optimal Hall Assembly Method″. 16th IAARC/IFAC/IEEE International Symposium an Automation and Robotics in Construction, Madrid, Spain, pp. 173-179.
10.	Mučenski V., Peško I., Trivunić M., Dražić J., Ćirović G.: Optimization for Estimating the Amount of Concrete and Reinforcement Required for Multy-storey Buildings, Građevinski materijali i konstrukcije, 2012, Vol. 55, No 2, pp. 27-46, ISSN 2217-8139, UDK: 004.032.26:691.32=861

Summary data for teacher's scientific or art and professional activity:				
Quotation total :	43			
Total of SCI(SSCI) list papers :	9			
Current projects :	Domestic :	2	International :	1

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.

Standard 11. Quality Control

The quality control of the study programme is performed regularly and systematically through selfevaluation 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.

Standard 12. Studies in a world language

?he Faculty of technical sciences has human and material resources that enable the teaching content of master studies in Risk and Fire Protection Management can be achieved in accordance with English language standards.
Teachers at Master Academic Studies in Risk and Fire Protection Management have the appropriate competencies for teaching in English.
Faculty has provided more than 100 library units in English for teaching in English. Also, the Faculty has teaching materials and English – language teaching.
Students' services at the Faculty are trained to provide services in English.
The Faculty ensures that all public documents and administrative documents are issued on forms printed bilingually, in Serbian language in Cyrillic script and in English.
Students enrolling in master's degree in English language must have satisfactory language competencies in English. A student, who enrolls in a master of civil engineering studies in English, when signing up, signs the statement that he has adequate knowledge of the English language. The allegation is not proven or checked separately, but the consequences of the inaccuracy of this statement are vorne by the student himself.

Standard 13. Joint study program

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Standard 14. IMT studies

Master academic study programme Disaster Risk Management and Fire Safety is interdisciplinary programme within the technical-technological field. Department of Civil Engineering and Geodesy, as well as Department of Industrial engineering and management of the Faculty of Technical Sciences are involved in the realization of this study programme.
The multidisciplinarity of this study programme is reflected through subjects from civil engineering, industrial engineering, engineering management, as well as through subjects from electrical engineering, environmental protection and occupational safety engineering.
Multidisciplinarity can be achieved through the selection of elective subjects in this programme. In addition to this, the student, with the consent of the head of the study programme, is able to choose and listen other subjects from any study programme at Faculty of Technical Studies or another faculty of the University of Novi Sad

Standard 15. Remote studies

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Standard 16. Studies in a non-legal entity outside the institution head office

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