

**DESCRIPTION OF THE ACTIVITIES
AND THE LIST OF MOST PROMINENT RESEARCH AND METHODOLOGICAL
WORKS OF THE LAST FIVE ACADEMIC YEARS (2010 -2014)**

1. Personal information

Name and surname	Age	Current position
Raimundas Junevicius	36	Assoc. Prof.

2. Education:

Institution, date (from-to)	Awarded degree or diploma
Vilnius Gediminas Technical University, Faculty of Transport engineering (1997 – 2001)	Bachelor in Transport Technology System Engineering
Vilnius Gediminas Technical University, Faculty of Transport engineering (2001 – 2004)	Master in Transport Engineering (construction and exploitation safety of the vehicles)
Vilnius Gediminas Technical University, Faculty of Transport engineering (2011)	PhD in Transport Engineering

3. Languages (5–fluent; 1–basics):

Language	Reading	Speaking	Writing
Lithuanian (mother tongue)	5	5	5
English	5	4	3
Russian	5	4	3

4. Internships, trips, courses (most important in the last 5 years):

Date	City, country	Company, organisation	Type (purpose)
2011.06.16-2011.06.19	Kiev, Ukraine	National Aviation university	Exchange of experience
2012.06.11-2012.06.14	London, Great Britain	FISITA	FISITA Education Committee meeting
2012.06.17-2012.06.21	Dresden, Germany	FISITA	FISITA Education Committee meeting
2014.10.06-2014.10.15	Naples, Italy	University of Naples Federico II	Exchange of experience

5. Teaching experience, work practice (employers):

From-to	City, country	Company, organisation	Position	Type of work
2001 - 2001	Vilnius, Lithuania	SC Vilniaus baldų kombinatas	Operator	Automatic line operator
2001 – 2002	Vilnius, Lithuania	JSC Iksada	Sales Manager	Hoist vehicles spare parts manager, service manager
2002– 2004	Vilnius, Lithuania	JSC Silwi Baltija	Designer – Sales Manager	Designing, preparation of production standard, client consulting, bidding,

				contract making
2006-2010	Vilnius, Lithuania	UAB Arginta	Engineer	Preparation of the technological process for the production (welding, machining final assembly)
Nuo 2004 iki šiol	Vilnius, Lithuania	VG TU	Researcher, Lecturer, Assoc. Prof.	Scientific researches related to the ground vehicles traffic flow theory; numerical methods; performing lectures.

6. The most significant research and methodical works from 2010 to 2014 :

No.	Name	Year
1.	Junevičius, Raimundas; Bogdevičius, Marijonas; Torok, Adam [Török, Ádám]. Modelling of internal combustion engines' emission through the use of traffic flow mathematical models / Raimundas Junevičius, Marijonas Bogdevičius, Ádám Török // Transport. Vilnius : Technika. ISSN 1648-4142. Vol. 26, no. 3	2011
2.	Bogdevičius, Marijonas [Bogdevicius, Marijonas]; Junevičius, Raimundas [Junevicius, Raimundas]. Investigation of traffic flow dynamic processes using discrete model / Marijonas Bogdevicius, Raimundas Junevicius // Journal of KONES. Powertrain and transport / Permanent Committee of Kones, Institute of Aviation (Aeronautics), Gdynia Maritime University, Air Force Institute of Technology, Academy of Science. Warsaw : European Science Society of Powertrain and Transport. ISSN 1231-4005. Vol.21, No.4 (2014), p. 15-19	2014
3.	Torok, Adam; Junevičius, Raimundas; Meszaros, Ferenc. Economic and social modelling of urban traffic controlling / Torok, Adam, Junevičius, Raimundas, Meszaros, Ferenc // 13-th IFAC symposium on Control in Transportation Systems (CTS 2012), September 12-14	2012
4.	Junevičius, Raimundas. Kelių tiesimo užpildų gamybos įrenginiai. Trupintuvai : mokomoji knyga, Vilnius : Technika	2012
5.	Bogdevičius, Marijonas; Junevičius, Raimundas; Vansauskas, Vidmantas. Transporto priemonių dinamika : metodiniai praktinių užsiėmimų nurodymai Vilnius : Technika	2012

7. Fields of scientific interests:

No.	Fields of scientific interests and research
1.	Traffic flow investigation, mathematical modelling
2.	Automatic systems of the vehicles and transportation equipment
3.	Vehicle dynamics
4.	Mathematical modelling

8. Courses taught (in the last 5 years):

No.	Course (module) name	Cycle
1.	The Equipment for Manufacturing Road-Building Materials	B
2.	Mining Engineering	B
3.	Optimization of the Control System of Transport Machines (practice)	M
4.	Modelling Transport Machines' System (practice)	M
5.	Design of Technological Transport Equipment (a complex project)	B

6.	Graduation Thesis	B, M
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9. Other activities (*expert, organisational activities, participation in project, programmes, editorial boards...*) in VGTU, Lithuania, abroad, and its relation to the study programme:

Name of activity	Place, institution, publication	Volume of activity (duration)	Relation to the programme
Executive Secretary	Vilnius, VGTU, Journal „TRANSPORT“	1 year	Development of practical and theoretical skills
Secretary of Organizing Committee	Vilnius, VGTU, Conference for Junior Researchers ‘Science – Future of Lithuania‘	2 year	Development of practical and theoretical skills
Chairman of Scientific Committee		2 year	Development of practical and theoretical skills
Researcher. “Development and application of innovative research methods and solutions for traffic structures, vehicles and their flows”	Vilnius, VGTU	2 year	Development of practical and theoretical skills
Innovation Check “Research of dynamic properties of electric car”	Vilnius, VGTU	6 month	Development of practical and theoretical skills
Innovation Check “Electric motor pump adaptation for the hydraulic system of a car transporter”	Vilnius, VGTU	3 month	Development of practical and theoretical skills