

Europass curriculum vitae

Personal information

Surname / First name

Rizov Tashko, PhD

Address

bul. Partizanski Odredi 66b 1/1, 1000 Skopje, R.Macedonia

Telephones

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E-mail

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Date of birth

05.03.1983

Gender

male



Occupational field

Assistant Professor

Work experience

Dates

From February 2015

Occupation or position held

Assistant Professor

Main activities and responsibilities

I am organizing and executing classes for the following courses: Engineering Graphics, 3D Modelling and Visualization, Machine Elements, Engineering Design, and Business Logistics.

Name and address of employer

University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, Karpos 2 b.b. , 1000 Skopje, R.Macedonia

Type of business or sector

University (www.mf.edu.mk)

Dates

From December 2009

Occupation or position held

Quality Manager

Main activities and responsibilities

I am responsible for maintaining and improving the quality in the processes following the international standards including internal and external audits according ISO/IEC 17020 and ISO/IEC 17025.

Name and address of employer

Inspection body for Vehicles, Calibration Laboratory for force and moment of force and Laboratory for testing of mechanical properties of metals, machines and vehicles at Faculty of Mechanical Engineering - Skopje, Karpos 2 b.b. , 1000 Skopje, R. Macedonia

Type of business or sector

Laboratory (www.vozila.mf.edu.mk; www.testlab.mf.edu.mk; www.callab.mf.edu.mk)

Dates

From October 2008

Occupation or position held

National Expert at Centre for Cleaner Production Macedonia

Main activities and responsibilities

After completing the training I am certified as a National Expert for Cleaner Production according the UNIDO toolkit for Cleaner Production and National Expert for Low Carbon Technologies. Under the auspices of the Centre I am working on Cleaner Production assessments in companies.

Name and address of employer

Centre for Cleaner Production Macedonia – Skopje, PO Box 464, 1000 Skopje, R.Macedonia

Type of business or sector

NGO (www.ncpc.com.mk)

Dates

September 2009 – February 2015

Occupation or position held

Teaching Assistant

Main activities and responsibilities

Organizing and executing classes for the following courses: Engineering Graphics, Machine Elements, Engineering Design, and Business Logistics.

Name and address of employer	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, Karpos 2 b.b. , 1000 Skopje, R.Macedonia
Type of business or sector	University
Dates	From September 2006 to October 2007
Occupation or position held	Project manager
Main activities and responsibilities	Involved in a pilot Project for implementation of Supply Chain Management solutions in SMEs in tool and die industry, responsible for designing project's goals and activities, together with planning and scheduling all the activities.
Name and address of employer	CIRKO MES Centre of Excellence, Faculty of Mechanical Engineering - Skopje, Karpos 2 b.b. , 1000 Skopje, R. Macedonia
Type of business or sector	Centre for Research and Development
Dates	From April 2005 to September 2006
Occupation or position held	Councilor
Main activities and responsibilities	Responsible for Macedonian Metal Association (MAM) and Macedonian Energy Association (MEA), coordinating activities between public and private sector.
Name and address of employer	Economic Chamber of Macedonia, Dimitrija Cupovski b.b., 1000 Skopje, R.Macedonia
Type of business or sector	Chamber of Commerce

Education and training

Dates	From September 2011 to September 2014
Title of qualification awarded	Doctor studies in technical sciences - PhD (Mechanical Engineering)
Principal subjects/Occupational skills covered	Engineering design / Geometrical representation of objects in interactive augmented reality
Name and type of organisation providing education and training	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, Karpos 2 b.b. , 1000 Skopje, R.Macedonia
Level in national or international classification	ISCED 8
Dates	From November 2006 to January 2010
Title of qualification awarded	Master in Science - MSc (Mechanical Engineering)
Principal subjects/Occupational skills covered	Supply chain management / Analysis of key factors that determine the operations performance along the supply chain
Name and type of organisation providing education and training	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, Karpos 2 b.b. , 1000 Skopje, R.Macedonia
Level in national or international classification	ISCED 5B VII-2 (National Classification)
Dates	From June 2001 to May 2006
Title of qualification awarded	Bachelor in Science - BSc (Mechanical Engineering)
Principal subjects/Occupational skills covered	Industrial Engineering and Management / Strategies for restructuring-improvement of one company using appropriate industrial engineering methodologies and methods
Name and type of organisation providing education and training	University "Ss. Cyril and Methodius" in Skopje, Faculty of Mechanical Engineering, Karpos 2 b.b. , 1000 Skopje, R.Macedonia
Level in national or international classification	ISCED 5A VII-1 (National Classification)

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

English

French

Macedonian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
(C1) Proficient user	(C1) Proficient user	(C1) Proficient user	(C1) Proficient user	(C1) Proficient user
(B1) Independent user	(B1) Independent user	(B1) Independent user	(B1) Independent user	(B1) Independent user

Organizational skills and competences

Great experience in teaching and conducting various trainings (Assistant Professor at the Faculty of Mechanical Engineering in Skopje)

Good experience in project or team management (Project manager at CIRKO MES Centre of Excellence at the Faculty of Mechanical Engineering in Skopje);

Good experience in technical regulation (Member of technical committee for Inspection Bodies at the Institute for Accreditation of Republic Macedonia)

Sense of organization (Technical secretary of the Institute for Engineering Design, Mechanization and Motor Vehicles)

Technical skills and competences

Engineering Graphics, Engineering Design, 3D Modelling and Visualization, Business Logistics, Supply Chain Management, Production organization and Management, Operations Management, Use of modern computer methods in virtual engineering.

Computer skills and competences

Good command of Microsoft Office™ tools (Word™, Excel™, Access™, Project™, Visio™ and PowerPoint™), Finite Element Analysis tools (SolidWorks Simulation), Modelling and Simulation tools (Autodesk Inventor, Autodesk AutoCAD), 3D Visualization and Presentation in Augmented Reality (Augment™, BuildAR™, Layar™).

Additional information

Projects

- International Project for implementation of supply chain management solutions in Macedonian SMEs from the machine-tool industry
 - Supported by: e-BIZ USAID
 - Implemented by: CIRKO MES CE
 - Duration: 1 year (2008)

- International Project for implementation of trade facilitation in inward processing for Macedonian textile companies
 - Supported by: BEA USAID and Macedonian Customs
 - Implemented by: ICL Group doo Skopje
 - Duration: 1 year (2009)

- International Project for implementation of trade facilitation along Corridor X
 - Supported by: USTDA and Macedonian Customs
 - Implemented by: ICL Group doo Skopje
 - Duration: 2 years (2009 - 2010)

- International Project for Cleaner Production Assessments in companies in Macedonia
 - Supported by: UNIDO
 - Implemented by: National Centre for Cleaner Production - Macedonia
 - Duration: 2 years (2008 - 2010)

- Evaluation of four year secondary VET education in Republic of Macedonia
 - Supported by: ETF (European training foundation) from Turin, Italy.
 - Duration: 1 year (2009-2010)

- International Project for introducing Numerical Simulation in Mechanical Engineering Courses (TEMPUS IV)
 - Supported by: EU Tempus programme
 - Implemented by: Faculty of mechanical engineering – Skopje, Vrije University Belgium
 - Duration: 2 years (2009 - 2011)

- International Project for developing business plans and business plans competition.
 - Supported by: Austrian Development Agency
 - Implemented by: Faculty of mechanical engineering – Skopje
 - Duration: 2 years (2009 - 2010)

- International Project for Transport EU-Western Balkan Network for Training, Support and Promotion of Cooperation in FP7 Research Activities
 - Supported by: EU FP7 programme
 - Implemented by: Faculty of mechanical engineering – Skopje
 - Duration: 2 years (2009 - 2010)

- International Project for curricula development for Industrial design and marketing (TEMPUS IV)
 - Supported by: EU Tempus programme
 - Implemented by: Faculty of mechanical engineering – Skopje, Fachoshculle Achhen
 - Duration: 2 years (2010 - 2011)

- National Project for evaluating the Innovation at clusters in Macedonia
 - Supported by: Ministry of Economy of Republic of Macedonia
 - Implemented by: Automotive Cluster of Macedonia
 - Duration: 1 year (2011 - 2012)

- International Project for Cleaner Production Assessments in companies in the Agroindustry in Macedonia

- Supported by: UNIDO
- Implemented by: National Centre for Cleaner Production - Macedonia
- Duration: 2 years (2010 - 2012)

- International Project for support of the long-term unemployed people in Macedonia.
 - Supported by: European Commission
 - Implemented by: Agency for employment of Republic of Macedonia
 - Duration: 1 year (2012)

- National Project for implementation of innovation and entrepreneurship in secondary education in Macedonia.
 - Supported by: Biro for development of education of Republic of Macedonia
 - Implemented by: National Centre for Development of Innovation and Entrepreneurial Learning
 - Duration: 1 year (2012)

- National Project for implementation of innovation and entrepreneurship in primary education in Macedonia.
 - Supported by: Biro for development of education of Republic of Macedonia
 - Implemented by: National Centre for Development of Innovation and Entrepreneurial Learning
 - Duration: 1 year (2013)

- International Project for introducing Low Carbon Technologies in companies in the Agroindustry in Macedonia
 - Supported by: UNIDO
 - Implemented by: National Centre for Cleaner Production - Macedonia
 - Duration: 2 years (2012 - 2014)

- International Project for introducing Chemical Leasing in companies in Macedonia
 - Supported by: UNIDO
 - Implemented by: National Centre for Cleaner Production - Macedonia
 - Duration: 2 years (2015 - 2017)

- Consulting services for preparation of program for provision of grants and support in development of implementation legal procedures for school-industry collaboration for secondary TVET in Macedonia
 - Supported by: World Bank
 - Implemented by: Skills Development and Innovation Support Project (SDISP) at the Ministry for Education and Science of Republic of Macedonia
 - Duration: 1 year (2015)

Conducted Trainings

- International Project for pre-qualification of military staff from the Macedonian Ministry of Defense of Republic of Macedonia - LAPEZA.
 - Supported by: Norwegian Embassy in Macedonia
 - Implemented by: Faculty of mechanical engineering – Skopje
 - Description: training on how to start a business
 - Date: June 2007

- International Project for developing business plans and business plans competition.
 - Supported by: Austrian Development Agency
 - Implemented by: Faculty of mechanical engineering – Skopje
 - Description: training on how to start a business
 - Date: March 2009

- International Project for support of the long-term unemployed people in Macedonia.
 - Supported by: European Commission
 - Implemented by: Agency for employment of Republic of Macedonia
 - Description: Mechatronic systems for light vehicles
 - Date: Sep 2012

- National Project for implementation of innovation and entrepreneurship in secondary education in Macedonia.
 - Supported by: Biro for development of education of Republic of Macedonia
Implemented by: National Centre for Development of Innovation and Entrepreneurial Learning
 - Description: Training on techniques and methods for introducing innovation and entrepreneurship in everyday classes in the secondary education
 - Date: July 2012

- National Project for implementation of innovation and entrepreneurship in primary education in Macedonia.
 - Supported by: Biro for development of education of Republic of Macedonia
 - Implemented by: National Centre for Development of Innovation and Entrepreneurial Learning
 - Description: Training on techniques and methods for introducing innovation and entrepreneurship in everyday classes in the primary education
 - Date: Sep 2013

Certificates and Awards

- Complimented for achieved cumulative GPA in third year (9.14) from the Faculty of Mechanical Engineering at the University “Ss. Cyril and Methodius”, Skopje.
- 1st prize at INOMAK 2004 - Competition for Best Inovative Solution in Macedonia.
- 1st place at Tournament in Management and Engineering Skills, local qualification, December 2004.
- 6th place at Tournament in Management and Engineering Skills, semifinals Vienna, February 2005 (supported by Mobimak).
- Certificate for completion of the Training Program “Supply Chain Management and Injection Molding Technologies”, organized by TECOS Celje, Slovenia and USAID World Learning Program in Macedonia, Celje, Slovenia, September 2007.
- Certificate for successful completion of the curse requirements for SolidWorks Simulation; awarded by DiTra, Bulgaria; July 6,2009.
- Certificate for successful completion of the curse requirements for SolidWorks Simulation Professional; awarded by DiTra, Bulgaria; July 6,2009.
- Certificate for successful completion of the curse requirements for SolidWorks Motion; awarded by DiTra, Bulgaria; July 6,2009.
- Certificate for competition of Training Program “Promotion of Cleaner Production for Southern and Eastern European Countries – JFY2009”, organized by Japan International Cooperation Agency, Kitakyushu, Japan, Oct – Nov 2009.
- Certificate of participation to the Training Program “Implementation of the international standard

- ISO/IEC 17020:2008”, organized by Institute for Accreditation of Republic of Macedonia, Skopje, Sep 2011.
- Certificate of participation to the Training Program “Implementation of the international standard ISO/IEC 17025:2006”, organized by Institute for Accreditation of Republic of Macedonia, Skopje, Oct 2011.
 - Certificate of participation to the Training Program “Implementation of the international standard ISO/IEC 17020:2012”, organized by Institute for Accreditation of Republic of Macedonia, Skopje, Oct 2012.
 - Certificate of participation to the Training Program “Low Carbon Technologies”, organized by NCPC Macedonia, conducted by AEE Intec Austria, Skopje Oct 2012.
 - Certificate of participation to the Training Program “EINSTEIN – software for thermal auditing”, organized by NCPC Macedonia, conducted by AEE Intec Austria, Skopje Sep 2013.
 - Certificate of participation to the Training Program “Low Carbon Technologies – Case studies of implementation of green energy”, organized by TU Graz, conducted by AEE Intec Austria, Graz April 2014.
 - Certificate of attendance to the Training Program “Road Transport and Emissions Modelling”, workshop organized by EU Commission Joint Research Centre – Ispra, Institute for Energy and Transport Sustainable Transport Unit, Skopje, Sep 2015.

Memberships

- Country representative in the EU Commission H2020 Programme Committee Configuration “Research Infrastructures”, appointed by the Minister for Education and Science of Republic of Macedonia.
- Member of Technical Committee TK18 – Standards for conformity assessment bodies at the Institute for Standardization of Republic of Macedonia.
- Member of Resource Efficiency and Cleaner Production Network – RECPNet.
- Member of Association of Geometry professionals of Republic of Serbia.
- Member of Association for Development of the Science of Education and Engineering of Republic of Serbia.

Annexes

Annex 1: Short list of published papers, technical reports and books.

SHORT LIST OF PUBLISHED BOOKS, SCIENTIFIC PAPERS AND TECHNICAL REPORTS

1. T. Rizov, B. Jovanoski: Positive Macedonian Experiences with Foreign Funded Projects: Cases of USAID and ADA Funded Projects, International Conference: To meet the Challenge: Perspectives for project financed research and project oriented research institutions in Southeast Europe, ASO Sofia, Sofia, Bulgaria, November 2006.
2. A. Kocov, T. Rizov: Supply Chain Management – tools for raising competitiveness of Macedonian tool and die companies, Kuehne+Nagel workshop on logistics and transportation, Skopje, 2007.
3. A.Kocov, T. Rizov: Creating Comprehensive e-Library for the Macedonian Machine-Tool Industry; 14th International Science Conference Industrial Systems 08, Novi Sad, Serbia, October 2008.
4. R. Polenakovic, A. Kocov, T. Rizov: Supply Chain Management – the key for improving Macedonian Machine Tool SMEs' Competitiveness, 6th International Conference on Industrial Tools and Material Processing Technologies, Bled, Slovenia, September 2007.
5. R. Polenakovic, T. Rizov: Advanced technologies for ultimate Supply Chain Management; 3rd International Conference on Mass Customization and Personalization in South East Europe (MCP-CE 2008), Palic, Serbia, June 2008.
6. R. Polenakovic, T. Rizov, A. Kocov, J. Clendenin: Supply Chain Management – experiences from our country; 12th Pan-Hellenic Conference on Logistics – Logistics in South East Europe: Crossroads of International Trade, Thessaloniki, Greece, November 2008.
7. Kocov, T. Rizov: Competitiveness of Clusters in Macedonia; 7th International Conference on Industrial Tools and Material Processing Technologies, Ljubljana, Slovenia, October 2009.
8. R. Polenakovic, T. Rizov: Benefits of Introducing RFID Technology in the Customs Procedures; 1st Olympus International Conference on Supply Chains, Katerini, Greece, October 2010.
9. A. Kocov, T. Rizov: ICT-based solution for trade facilitation along international supply chains; Mechanical Engineering – Scientific Journal Faculty of Mechanical Engineering, Skopje, Republic of Macedonia, Vol. 29, No. 1, 2010 Skopje.
10. J. Micevska, T. Rizov: Market positioning in the process of design of new product; 4th International Conference for Entrepreneurship, Innovation and Regional Development, Ohrid, Macedonia, May 2011.
11. R. Tashevski, T.Rizov: **Technical drawings with descriptive geometry and Autocad** (on Macedonian); approved by the National Commission for Learning Books as a learning book for secondary technical education (22-1258/1); ISBN: 978-608-226-314-4, published by Ministry of Education and Science of Republic of Macedonia, 2011.
12. A. Kocov, T. Rizov: Implementation of Low Carbon Technologies in Agro-industry in Macedonia; 15th European Round Table on Sustainable Consumption and Production (ERSCP), 2-4 May 2012, Bregenz, Austria.
13. N. Avramov, P. Simonovski, T. Rizov: Over- And Understeer Behavior Evaluation by Modeling Steady –State Cornering; International Journal Analele Universității "Eftimie Murgu", 2012, Romania.
14. T. Rizov, R. Tashevski: Augmented Reality in Executing Practical Exercises in Engineering Graphics; International Conference MONGEometrija 2012, Novi Sad, Serbia, June 2012.
15. T. Rizov, R. Tashevski: Geo-Based Augmented Reality; Mechanical Engineering Scientific Journal, Vol. 31, Number 1-2, December 2013, Skopje, Macedonia.
16. T. Rizov: "Application of Augmented Reality in Interactive Pedestrian Navigation Systems"; American Journal of Science and Technology, pp: 11-16, Vol.1, No.1, March 2014, USA.

17. A. Kochov, T. Rizov: Developing Joint Postgraduate Studies on Resource Efficient and Cleaner Production in South East Europe; European Roundtable on Sustainable Consumption and Production, 14-16 October 2014, Portoroz, Slovenia.
18. P. Pejic, T. Rizov, S. Krasic, B. Stajic: Augmented Reality Application in Mechanical Engineering; 3rd International Congress Science and Management of Automotive and Transportation Engineering – SMAT 2014, 23-25 October 2014, Craiova, Romania.
19. T. Rizov, R. Tashevski: Technical Visualization in the Process of Vehicle Identification Using Augmented Reality; International Conference MONGEometrija 2014, Vlasina, Serbia, June 2014.
20. R. Polenakovic, T. Rizov: **Basics of Logistics** (on Macedonian); approved as learning book for the student of Industrial Engineering and Management at the Faculty of Mechanical Engineering – Skopje (02-3916/2); published by University “Ss. Cyril and Methodius” – Skopje, 2014.
21. T. Rizov, R. Tashevski: Advanced Technologies for Visualization as a Tool for Identification of Vehicle Details and Elements; XXV International Automotive Conference Science and Motor Vehicles 2015, 14-15 April 2015, Belgrade, Serbia.
22. T. Rizov, M. Kjosevski, R. Tashevski: Augmented Reality as an Additional Tool in the Process of Crash Forensics; Traffic-Technical Expertise as a basis for quality resolving of litigation – organized by the Biro for Legal Valuers, Ministry of Justice of Republic of Macedonia, 7-8 May 2015, Ohrid, Macedonia.
23. T. Rizov, E. Rizova: Augmented Reality as a Teaching Tool in Higher Education; International Journal of Cognitive Research in Science, Engineering and Education (IJCRSEE) pISSN 2334-847X; eISSN 2334-8496; Vol 3, Issue 1, June 2015; **Global Impact Factor (2014)=0,678; ICV (2013)=6.76.**
24. P. Pejic, T. Rizov, S. Krasic, R. Tashevski: Presentation of Existing Architectural Objects Using Augmented Reality; South East European Journal of Architecture and Design (SEEJAD); ISSN: 1857-9353; Vol 2015; December 2015; **Global Impact Factor (2015)=0,565;**
25. T. Rizov, P. Janeku, A. Kochov: Implementation of Low Carbon Technologies in Macedonian Agro Industry; Green Development Infrastructure Technology (GREDIT2016) Conference Proceedings, March 2016, Skopje, Macedonia.
26. M. Peceva, T. Rizov, A. Kochov: Chemical Leasing as a New Business Model Contributing to Sustainable Development; Green Development Infrastructure Technology (GREDIT2016) Conference Proceedings, March 2016, Skopje, Macedonia.
27. T. Rizov, M. Kjosevski, P. Pejic, R. Tashevski: Analysis of the Possible Technical Solutions for Visualization of Vehicles in the Process of Crash Forensics Based on Augmented and Virtual Reality; Traffic-Technical Expertise as a basis for quality resolving of litigation – organized by the Biro for Legal Valuers, Ministry of Justice of Republic of Macedonia, 6-7 May 2016, Ohrid, Macedonia.
28. S. Risteski, R. Tashevski, T. Rizov: Concept Design of a Sports Coupe with Ergonomic Analysis and Photorealistic Rendering; The 5th ICGG Conference moNGEometrija 2016 Conference Proceedings, June 2016, Beograd, Serbia.
29. M. Kocevski, R. Tashevski, T. Rizov, M. Gavrilovski: The Design Process of a Modern Miner’s Helmet with Integration of Safety Needs; The 5th ICGG Conference moNGEometrija 2016 Conference Proceedings, June 2016, Beograd, Serbia.
30. T. Rizov, M. Kjosevski, R. Tashevski: Advanced Visualization Technologies as a Tool in the Area of Automotive Engineering; 24th International Scientific Conference trans & MOTOAUTO’16, July 2016, Burgas, Bulgaria.