

# Curriculum vitae

---

## Peter Monka

Pod Kalváriou 61  
SK - 080 01 Prešov  
Slovak Republic / EUROPE

### Personal details

<b>Name</b>	<b>Peter Monka</b>
Academic title	Associated Professor Eng. MSc., PhD., Eng.Paed.-IGIP
Title	Head of Production Engineering Department at Faculty of Manufacturing Technologies of the Technical University of Košice, Slovak Republic
Date of birth	22 <sup>th</sup> September 1967
Nationality	Slovak
Marital Status	Married
Children	3 daughters (1993, 1996, 1999)

### Education

1973 – 1982	Primary school, Gotwaldova 4, Prešov
1982 – 1986	Secondary school, Podjavorinskej 22 & Konštantínova 2, Prešov
1986 – 1990	Technical University in Košice, Mechanical Engineering Faculty, specialized in Integrated Technologies (Eng., MSc.)
1996	Course of Double-entry Accounting, Corvex Training,
1997 – 1999	Technical University in Košice, Pedagogical Study
1999 – 2002	Technical University in Košice, Doctoral study (PhD.)
2004	Technical University in Košice, Undergraduate Pedagogical Study
2005	Wirtschaftsförderungsinstitut (WIFI) Institute for Economic Promotion of Austrian Trade Chamber, Vienna – modules: Marketing – Strategic Planning - Controlling
2006	Wirtschaftsförderungsinstitut (WIFI) Institute for Economic Promotion of Austrian Trade Chamber Vienna – modules: Human Resources – Communication in Marketing - Expla
2007	Wirtschaftsförderungsinstitut (WIFI) Institute for Economic Promotion of Austrian Trade Chamber, Vienna – modules: Time Management – Quality Management – Project Management
2007 - 2008	Technical University in Košice, habilitation proceeding (for obtain of academic title “Associated Professor”)
2008	Certificate EBC*L – European Business Competence Licence - Level A in English Language
2008	Examination Assessment Certificate of EBC*L - Level A in English and Slovak Language
2008	EBC*L Level A Trainer Certificate
2013	successful registration in the IGIP Register and Award of the title ING-PAED IGIP - International Engineering Educator

---

### Exams

May 1986	GCE – A levels
September 1986	Driving test - classes B, C, F
June 1990	Graduation Theses Defence, Final state examination - Master of Sciences
October 1996	Examination in Course of Double-entry Accounting according to certify of Ministry of Education of SR No.0573
April 1999	Final state examination in Pedagogical Study
May 2002	Defence of Doctoral Thesis in area of technology optimization
June 2004	Final examination in Undergraduate Pedagogical Study
December 2005	Final examination of 3 Modules, WIFI, Vienna, Austria
June 2006	Final examination of 3 Modules, WIFI, Vienna, Austria
June 2007	Final examination of 3 Modules, WIFI, Vienna, Austria
February 2008	Habilitation lecture & Defence of Habilitation Thesis in area of conceive and optimization information systems for industry application
June 2008	Examination Assessment Certificate of EBC*L - Level A in English and Slovak Language
June 2008	EBC*L Level A Trainer Certificate for English and Slovak Language

---

## Work experiences

1984 – 1986	ZPA, š.p. Prešov / Slovakia (Operator of Servomotors Assembly Line)
1990 – 1991	Stavovýroba, š.p. Prešov / Slovakia (Operator of Robotised Welding Cell)
1991 – 1993	SD OPR s.r.o. / Slovakia (Marketing Manager)
1993	District Labour Office /Okresný urad práce Prešov / Slovakia- (Senior Referent)
1993 – 1994	VLAD, v.d. Prešov / Slovakia (Manager of Prototypes Production)
1994 – runs	Technical University of Košice / Slovakia, Faculty of Manufacturing Technologies (Scientist & Lecturer – Area of Production Engineering)
2003 – 2009	Apeiron EU, Ltd., Prešov / Slovakia Lecturer (Lecturer in Business & Digital Competencies, Trainer of EBC*L /Level A/ in Slovak and English Language)
2005 – 2009	University of Prešov, Prešov / Slovakia (Scientist & Lecturer - Area of Manufacturing Quality Standardization)
2006 – 2010	Technological Institute of Dubnica, Dubnica nad Váhom / Slovakia (Lecturer – Area of Mechanical Engineering Fundamentals)
2015 – runs	West Bohemia University, Pilsen, Czech Republic (Researcher)

---

## Solved tasks – most important

### International

15_PA07-CI START- Danube Region Project Fund of the European Union Strategy for the Danube Region (2015 – 2016) - Manager of Second project partner & Investigator	Pulsating water jet as an orthopaedic technique without thermal and mechanical damage of large joints with minimal traumatizing impact on patient - WORTH
Bosch – Siemens Home Appliances Ltd., Slovakia (2004 – 2010) – Principal investigator	- “Design of Complicated Surfaces of Wiring Templates by Reverse Engineering Application” - “Optimizing of mechanical structure of laser inspection stations”
DIEHL BGT Defence GmbH Überlingen, Germany (2004 – 2008) – Manager and investigator	- “Input analyses of labour content and material demands” - “Reduction of variability of input product materials” - “Coordination of the creating of production documentation” - “Verification and implementation of information system for manufacturing”
EUREKA E! 3437 PROSURFMET (2005-2007) – Investigator	„Progressive Surfacing of Metals“ – solutionist
EUREKA EU 2060 SURTELEM (1999 – 2001) – Investigator	„Surfacing Techniques for Advanced Ledeburitic Steel and Hard Materials“ – Investigator
INCO – Copernicus CP -960052 (1997 – 1999) – Investigator	„Product and Process Data Modelling for FMS“

### National

APVV – 0207 – 12 (2013 - 2017) – Investigator	Abrasive Water Jet and Material Interaction Monitoring Using Vibration and Acoustic Emission
ITMS 26220220155 (2011-2015) – Manager of partial task and investigator	Competency Centre for Knowledge technologies applied in Innovation of Production Systems in Industry and Services, supported by the Research & Development Operational Programme funded by the ERDF.
VEGA 1/0885/10 (MoE of SR) (2010-2011) Principal investigator	Efficiency increasing of low- speed form machining technological operation
KEGA 3/5173/07 (MoE of SR) (2007-2009) Principal investigator	„Creation of guide for preparing of materials with efficient checking and valuation of student knowledge”
IÚ 2 / 2006 (TU in Košice) (2006) Principal investigator	„Creation of electronic educational manuals for support of application manufacturing tools at manufacturing technologies
VEGA 1/009/04 (MoE of SR) (2004 – 2006) Principal investigator	„Computer Aid of design technological constructions in area of progressive production tools and fixtures” - Ministry of Education of SR (MoE of SR) by other 6 Grant Task – as solutionist

---

## Professional Activities

### Member of Committees

SCOPUS Journal	Member of International Editorial Board of journal abstracting and indexing in SCOPUS "Our Sea" ISSN 0469-6320 (2013 – runs)
Ministry of Education	Member of Working Group 14 – Mechanical Engineering of <b>Accreditation Committee</b> – the advisory body of Ministry of Education of Slovak Republic 2012 - runs
WASET	Scientific and Technical Committee & Editorial Review Board on Engineering and Applied Sciences of <b>World Academy of Science, Engineering and Technology</b> 2011 - runs
IAENG	Member IAENG Societies of Computer Science and Mechanical Engineering of <b>International Association of Engineers</b> 2010 - runs
Scientific Committee Program Committee Member	TU Kosice / <b>Faculty of Manufacturing Technologies</b> 2009 - runs Conferences <b>New Ways in Manufacturing Technologies 2014, 2010, 2008, 2006, 2004, 2002, 2000, 1999, 1998, 1997, 1996</b> Conference <b>Education, Research, Innovation 2010</b>

---

### Reviewer

Journal abstracting and indexing in SCOPUS	" <b>Technical Gazette</b> " (IF 0,602) ISSN 1330-3651 (2013 – runs)
Journal	<b>Manufacturing Engineering</b> – ISSN 1335-7972 (2008 – 2011)
Scientific Projects	<b>Slovak Research and Development Agency</b> – APVV (2009 – runs)
Ministry of Education of Slovak Republic	- <b>Agency for Science Grant Funds</b> – VEGA (2009 – runs)
Ministry of Education of Slovak Republic	- <b>Agency for Education Grant Funds</b> – KEGA (2009 – runs)
Professional agency	<b>Slovak Research and Development Agency (SRDA)</b> (2009 – runs)
Proceedings articles	<b>International Association of Engineers, Hong Kong,</b> (2010 – runs)

### Editor:

Journal	<b>Journal of Engineering and Technology</b> ISSN (1338-2330) (2012 – runs)
Congress	<b>International Congress on Engineering and Technology 2013-</b> proceedings
Conference	<b>Research on Industrial and Systems Engineering 2011</b> - proceedings and proceedings of extended abstracts
Conference	<b>ERIN 2011</b> – proceedings and proceedings of extended abstracts
Conference	<b>New Ways in Manufacturing Technologies 2010, 2002, 1999, 1998,</b> <b>1997, 1996</b> - proceedings
Conference	<b>New Ways in Manufacturing Technologies 2010</b> - proceedings of extended abstracts
Conference	<b>Young Technologist's Day 2010</b> – proceedings and proceedings of extended abstracts
Conference	of <b>University Student Works 2010</b> proceedings <b>International Congress of Precision Machining 2009</b> proceedings

### Obtain Awards

---

2012	Commemorative Medal awards by Dean of Faculty of Manufacturing Technologies of Technical University in Košice / Slovakia
2007	Commemorative Medal awards by Dean of Faculty of Manufacturing Technologies of Technical University in Košice / Slovakia
2006	Commemorative Medal awards by Rector of Technical University in Košice / Slovakia
2006	Thank You Letter of Dean of Faculty of Manufacturing Technologies of Technical University in Košice / Slovakia
2002	Commemorative Medal awards by Dean of Faculty of Manufacturing Technologies of Technical University in Košice / Slovakia

---

**Invited lectures**

2015	<b>Západočeská univerzita v Plzni, Fakulta strojní:</b> Inovácie – moderné slovo alebo nevyhnutnosť?
2013	<b>Technical University of Bgrade:</b> The quality of machined surfaces obtained by two types of tools
2012	<b>Technical University of Bgrade:</b> The application of decision analysis in the manufacturing process
2011	<b>Západočeská univerzita v Plzni, Fakulta strojní:</b> Zvyšovanie efektívnosti technologickej komunikácie
2009	<b>Technical University of Bgrade:</b> Machined surface quality improvement by using of special cutting tool
2009	<b>University of Technology Vienna</b> - Basic mathematical principles for internal structure of new CAPP software application
2008	<b>University of Technology Vienna</b> - Multi variant process plans design in relation to the european market
2007	<b>Warsaw University of Technology:</b> Multi-variant process plan creation from view of economics and technological criteria
2007	<b>University of Pardubice:</b> Influence of geometrical and technological parameters of turning to surface condition

**Publications**

Monography	1 x
Specialized publication (book)	12 x
Paper in indexed journal	12 x
Paper in other journal	35 x
Indexed conference article	21 x
Conference article	132 x

**References**

Cited in indexed journals	58 x
Cited in other journals	111 x

**Skills**

- PC – DOCX Word processor, XLSX Spreadsheet, PPTX Presentation, MDB Databases – excellent,
- Driving licence (categories M-2.000km, B-over 100.000km, C-5.000km,T-500km)
- Languages According to CEF (Common European Framework)

Language	Speaking	Listening	Reading	Writing
Czech	C2	C2	C2	C1
Polish	B1	C1	C1	A2
Russian	B2	C1	B2	A2
Ukrainian	B1	B2	B1	A1
German	A2	B1	A2	A1
English	A2	B2	B2	A2

**Interests**

Reading  
Cycling  
Swimming

11<sup>th</sup> September 2015, Prešov



Signature