

PERSONAL INFORMATION

Dr. Gyula Varga



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Sex male | Date of birth 08/11/1955 | Nationality Hungarian

WORK EXPERIENCE

- 1990 - **Associate professor**
University of Miskolc,
Faculty of Mechanical Engineering,
Institute of Manufacturing Science
- 2005 - 2012 **Invited educator, researcher**
The University of Nyiregyhaza
Institute of Engineering and Agricultural Science
- 1983 - 1990 **Teaching practice lessons**
Technical University of Heavy Industry
Department of Mechanics
- 1981 - 1990 **Research associate**
Research Institute for Combustion Technology
- 1979 - 1981 **Research assistant**
Technical University of Heavy Industry
Department of Mechanics

EDUCATION AND TRAINING

- 1996.03.05. **PhD degree**
University of Miskolc, István Sályi Doctoral School
- 1993 – 1994
(4 months) **Research visitor (Excalibur scholarship)**
University of Manchester
Institute of Science and Technology
- 1990.12.14. **Dr. univ. degree**
University of Miskolc, István Sályi Doctoral School
Dissertation title: Mathematical modelling of heat treatment processes being in recuperative burners
- 1979 **Graduated as mechanical engineer**
Technical University of Heavy Industry
- 1974 - 1979 **Student**
Technical University of Heavy Industry
Faculty of Mechanical Engineering
- 1970 - 1974 **Student**
János Irinyi Secondary School of Chemical Industry

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
A+B type secondary state exam (Origo)					
Russian	A2	A2	A1	A1	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills gained through my experience as a university lecturer.
- Good adaptive skills, which gained during my study trips for more than 10 months abroad

Job-related skills

- Experience in the operation of computer systems and computer networks

Driving licence B

ADDITIONAL INFORMATION

Publications

MTMT Paper and Citation Summary Table				
(2022.01.18)				
Type of papers	Number		References	
	Total	Detailed	Independent	Total
Scientific papers				
I. Scientific papers in Journals	84	---	---	---
in a foreign-published journal in a foreign language	---	47	118	170
in a foreign-published journal in Hungarian language	---	0	0	0
in a domestic journal in a foreign language	---	14	19	32
in a domestic journal in Hungarian language	---	23	1	13
II. Books	6	---	---	---
III. Book excerpt	3	---	---	---
IV. Conference paper in a journal or conference volume	171	---	---	---
foreign language	---	131	252	389
Hungarian	---	40	3	13
Papers in total (I.-IV.)	264	---	402	635
Abstrakts	1	---	0	0
Other scientific works	25	---	0	46
All scientific publications	290	---	402	681
Hirsch index	13	---	---	---

Projects

Major research projects:

- NKFI K125117: Effect of environmental-load-reducing manufacturing procedures on the lifetime of machine industry components, principal investigator, duration: 2017-2022
- DAAD 73526: Process characteristics of special milling and topography of the milled surface, participating researcher, duration: 2016-2017
- OTKA K116876: Theoretical and experimental investigation of high-feed face milling carried out by a special tool, participating researcher, duration: 2015-2019
- DAAD 29735: Choosing procedure for finish precision manufacturing on the base of their examination, comparing and combination, participating researcher, duration: 2012-2013
- TÁMOP 4.2.1.B-10/2/KONV-2010-0001, participating researcher, duration: 2011-2013
- OTKA research project: "Completion of theory of Intelligent Production Systems for production of sophisticated mating elements", principal investigator, duration: 1998-2001
- OTKA research project: "Development of a 3D measuring method by CCD cameras for quality assurance in the field of mechanical engineering", participating researcher, duration: 1998-2001
- MTA ME GTT research group's research project: "Complex analysis of machine industrial technologies", participating researcher, duration: 1996-1998
- Japan - Hungarian common MONBUSHO research project: "Development of a 3D measuring method by the use of CCD cameras", participating researcher, duration: 1995-1997
- OTKA research project: "Condition system of formation of optimal mating of gears", participating researcher, duration: 1995-1998
- European Community supported research project: "Environmentally Conscious Manufacturing Technologies - decrease or substitution of coolants and lubricants at drilling", participating researcher, duration: 1994-1996

Honours and awards

Awards:

- „Excellent educator at the University of Miskolc" award 2016
- „Bessenyei Silver Medal and Certificate", College of Nyíregyháza, 2013
- Reward „For International Relations", University of Miskolc, 2013
- "Association medal" Scientific Society for Mechanical Engineering (GTE), Manufacturing Systems Division, 2012
- Memory Placket of the Faculty of Mechanical Engineering, UM 2009
- „Lajos Balint" Memory Medal 2004

Memberships

Memberships:

- Member of the International Scientific Committee of AJME - Academic Journal of Manufacturing Engineering 2022
- Member of the International Scientific Committee of ISPR 2022 Internationale Conference (Antalya, Turkey) 2022
- Member of the International Organizing Committee of 3. International Conference on New Research and Development in Technical and Natural Science, ICNRDTNS, (Radenci, Slovenia) 2022
- Member of the Editorial board of JOURNAL OF PRODUCTION ENGINEERING from 2011
- Member of the Scientific Committee of ANNALS of FACULTY ENGINEERING HUNEDOARA - International Journal of Engineering, from 2010
- GTE Manufacturing Systems Division membership from 1980