

PERSONAL INFORMATION



Gyula Patkó, Dr.

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Sex male | Date of birth 18/05/1946 | Nationality Hungarian

POSITION professor emeritus

WORK EXPERIENCE

01/07/2016 - Present

professor emeritus

University of Miskolc, Institute of Machine Tools and Mechatronics,
Institutional Department of Machine Tools

01/07/1999-30/06/2016

professor

University of Miskolc, Institute of Machine Tools and Mechatronics,
Institutional Department of Machine Tools

- giving lectures on the subjects of the Department of Machine Tools
- participation in the work of final examination committees as chairman, examiner and member
- occasional participation as chairman of doctoral defences, or as a member of defence committees in the doctoral procedures of István Sályi Doctoral School

01/07/1995-01/06/2010

head of department, associate professor (07/01/1995 - 06/03/1999) then head of department, professor (07/01/1999-01/06/2010), (in the meantime 05/01/1997 - 04/30/2000 Széchenyi Professorial Scholarship holder)

University of Miskolc, Department of Machine Tools

- Managing the teaching and research work of the Department of Machine Tools, as well as giving lectures in graduate and PhD training.

01/07/2006-30/06/2013

rector of University of Miskolc

Ministry of Human Resources

- Responsible for the professional and legal operation of the university and for creating healthy and safe working conditions. Establishes the conditions required for the work of bodies functioning at the university and responsible for the preparation of affairs within the scope of authority of the University Senate, and the execution of the decisions made.

01/07/2004-01/06/2006

vice-rector for general affairs

University of Miskolc

- The organization and supervision of the relations of the university with the industrial sphere; the supervision of accreditation processes, quality management and fee-paying courses; the office management of the Informatics Centre, of further education and distance learning activities, the Institute of Health Care Studies, foundations within the university, and professional training; the management and supervision of cooperational research centres and of the Knowledge Centre.

- 15/11/1997 - 30/06/2004 **vice-rector for scientific affairs**
University of Miskolc
- Organization of domestic and international conferences. Supervision of the management of university-level research projects. Supervision of the University Library. Building industrial relations of the university. Organization of scientific conferences. Supervision of doctoral and habilitation processes. Supervision of the University Library.
- 15/11/1995 - 14/11/1997 **vice-rector for scientific and international affairs**
University of Miskolc
- Building the university's international relations. Organization of domestic and international conferences. Supervision of the management of university-level research projects. Supervision of the University Library. Building industrial relations of the university. Organization of scientific conferences. Supervision of doctoral and habilitation processes.
- 01/07/1989 - 15/11/1995 **vice-dean for educational affairs**
University of Miskolc
- Supervision of the educational work of the Faculty of Mechanical Engineering, development of curricula.
- 01/07/1989 - 14/11/1995 **associate professor**
University of Miskolc
- Taking part in researches carried out in the field of dynamics of machines.
 - Lecturing and giving practical seminars at the Department of Mechanics.
- 01/09/1975 – 30/06/1999 **research fellow, senior research fellow**
Hungarian Academy of Sciences - Supported Research Institutes, University of Heavy Industry - Research Team of the Department of Mechanics
- Taking part in researches carried out in the field of non-linear oscillations.
 - Instruction at the Department of Mechanics of the University of Heavy Industry.
- 01/02/1970 – 31/12/1970 and
01/03/1971 – 31/08/1971 and
01/03/1972 – 31/12/1972 **consultant (in part-time)**
Institute of Mechanical Engineering Technology, Budapest.
- Writing ALGOL computer programmes for technological tasks.
- 16/12/1969 – 31/08/1972 **research assistant**
Hungarian Academy of Sciences, Science Department I, University of Heavy Industry, Research Team of the Department of Mechanics
- Research carried out in the field of dynamics
 - Instruction at the Department of Mechanics.
- 01/07/1969 – 14/12/1969 **instructor**
University of Heavy Industry, Miskolc
- Instruction at the Department of Mechanics
- 06/07/1964 – 14/08/1968 **turner**
Győr, Factory of Machine Tools
- The roughing and finishing of individual machine parts.

EDUCATION AND TRAINING

01/09/1972 – 31/08/1975

candidate of technical sciences, 1985 (degree no.: 10775) "dr. univ"
(ac. number: 720)

Hungarian Academy of Sciences, Scientific Qualifier Committee

- As part of a post-graduate course, continuing studies in the science of mathematics, analytical mechanics and nonlinear dynamics, as well as conducting research in the field of nonlinear vibrations.

11/09/1964 – 28/06/1969

certified mechanical engineer (with Honours Degree)

University of Heavy Industry, Faculty of Mechanical Engineering

- Studies in mechanical engineering in the course of Machine Tools, specialized in Applied Mechanics

01/09/1964 – 09/06/1964

certified mechanical technician (excellent qualification)

Ányos Jedlik Mechanical High School, Győr

- General machinist studies

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C2	C2	C2	C2	C2
Language test certificates in German: on the one hand, the language test certificate issued by the Hungarian Foreign Language Training Center in 1971 (number: a:626/1436/1971), on the other hand, the language test certificate issued by the "Herder Institut, Leipzig" in 1975.					
Russian	B2	C1	C1	B1	B2
Language test report in Russian: language exam minutes 17.05.1973 University of Heavy Industry (with maximum score)					
English	B2	B2	B2	B2	B2
Language test certificate in English: intermediate English language exam certificate 1986 (number: Á No 037172/1986)					

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

Communication skills

- Between September 1974 and April 1975, he took part in a long study trip at the Dresden University of Technology (Technische Universität Dresden, Bereich Dynamik und Datenverarbeitung), where he worked in an international research group and became involved in the teaching and research work of the university.
- 10-week management skills development training in Germany in 1992 at the headquarters of the Fraunhofer Gesellschaft in Munich and at two research institutes: Bremen and Aachen (Fraunhofer-Institut für Produktionstechnologie IPT, Aachen, Fraunhofer-Institut für Fertigungstechnik und Angewandte Materialforschung IFAM, Bremen).
- university leadership training in the Netherlands: Management Ontwikkeling VSNU-Seminar, Association of Universities in the Neanderlands (11-06-12, 1992).
- Good communication skills acquired during university management work.

Organisational / managerial skills

- Head of department, vice-dean, vice-rector and rector at the University of Miskolc.
- He was the president of the Hungarian-German Friendship Circle in Miskolc (1999-2006).
- President and member of university, faculty and national committees, foundation boards of trustees.
- Member of international committees.

Job-related skills

- Habilitation: 1999

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Programming languages: ALGOL, PL1, FORTRAN, MAPLE: independent user, C: basic user
- Microsoft Office™ (Word™, Excel™, PowerPoint™);

Other skills

- Handling of metalworking machines, basic locksmith and welding skills

Driving licence

Category "A" (motorcycle) driving licence, Category "B" (car) driving licence

ADDITIONAL INFORMATION

Publications

- 248 publications are listed in the Library of Hungarian Scientific Works, MTMT identifier: 10003867

Presentations

- Gave numerous scientific lectures in Hungarian, German, English and Russian at domestic and international conferences
- As vice-rector and rector, he gave numerous public interest presentations to domestic and international audiences related to university education and research

Projects

- As head of department, vice-rector and rector, he was the manager of many university level national and international research projects.

Honours and awards

- Ágoston Trefort Award (2013)
- BOKIK (Borsod-Abaúj-Zemplén County Chamber of Commerce and Industry) Support Award (2013)
- Honorary doctor of the University of Western Hungary (now the University of Sopron) (2012)
- Honorary Metallurgist Award of the National Hungarian Mining and Metallurgical Association (2012)
- Rákóczi chain award (2012)
- Plaque of the Slovak University of Technology in Bratislava (2012)
- Award of the Gold Badge of the National Scientific Student Council (2011)
- Middle Cross of the Order of Merit of the Republic of Hungary (2011)
- Honorary Citizen of the City of Miskolc (2010)
- SEFI (Société Européenne pour la Formation des Ingénieurs) Fellowship
- Honorary Doctor of Ushgorod (Ungvár) State University (2010)
- Memorial Medal for the University of West Hungary (2009)
- Honorary doctor of the Kharkiv University of Technology (2008)
- Honorary member of the Hungarian Chamber of Engineers (2008)
- Award certificate of the Borsod-Abaúj-Zemplén County Chamber of Commerce and Industry for "Service to the Economy" (2007)

- The Title of International Engineering Educator ING-PAED IGIP (Internationale Gesellschaft für Ingenieurpädagogik) honoris causa (2007)
- Honorary Doctor University of Baia Mare (Frauenbach/Nagybánya) (2006)
- GTE (Mechanical Science Association) Technical Literature Award (2005)
- Honorary Citizen of MicroCAD (2005)
- GTE (Mechanical Science Association) Association Medal (2003)
- Bronze Medal of the Technical University of Kosice (Kassa) (2002)
- Distinguished Scientific Award of the Miskolc Regional Committee of the Hungarian Academy of Sciences (2001)
- Albert Szentgyörgyi Award (2001)
- Commemorative Medal of the Faculty of Mechanical Engineering of the University of Miskolc (2000)
- Jubilee Gold Medal of the Faculty of Mechanical Engineering of the University of Miskolc (1999)
- Certificate of Recognition from the Ministry of Economy (1999)
- Signum Aureum Universitatis award of the University of Miskolc (1997)
- Szemko Memorial Medal of the Kharkiv University of Technology (1996)
- Excellent Educator Diploma awarded by the Association of University Students in Miskolc (1992)
- Award of Supported Research Sites of the Hungarian Academy of Sciences (1989)
- Certificate of Commendation from the Minister of Culture (1988)

Memberships

- Member of the Mechanisms Subcommittee of the Machine Structure Academic Committee of the Hungarian Academy of Sciences (2023 – present)
- Member of the public board of the Hungarian Academy of Sciences (1986 - present)
- Member of the Machine Structure Academic Committee of the Hungarian Academy of Sciences (1998 - present)
- Member of the Editorial Board of Journal of Computational and Applied Mechanics (1995 - present)
- Member of the Editorial Board of the journal GÉP (1997 - present)
- Member of the Editorial Board of Design of Machines and Structures (2003 - present)
- Member of the Talent Management Standing Committee of the Hungarian Rector's Conference (2006 - present)
- Member of IFToMM (International Federation for the Promotion of Mechanism and Machine Science) Technical Committee for Nonlinear Oscillations (1999 - 2023)
- Secretary and then chairman of the Mechanisms Subcommittee of the Machine Structure Academic Committee (1988-2018)
- Member of the Mechanics of Solid Bodies Committee of the Hungarian Academy of Sciences (1980-2005 and 2009-2012)
- Coordinator of the Hungarian National Committee of ACRU (Association of Carpathian Region Universities) (1997-1998), member (1999-2006)
- Member of the Editorial Board of the European Journal of Engineering Education (2002-2015)
- Member of the Administrative Council of SEFI (Société Européenne pour la Formation des Ingénieurs) (2002-2008)
- Member of SEFI-SAGE (Senior Advisory Group of Experts) (2012-2013)
- Member of the Economic Advisory Board of the City of Miskolc (2006-2013)
- Member of the Normative Research Support Revision Committee of the Ministry of Education (2005-2010)
- Chairman of the Judging Committee for the Support of Foreign Notification of Hungarian Inventions (2003-2010)
- Steering Group on Human Resources and Mobility in the European Research Area – European Commission, Directorate D, The Human factor, Mobility and Marie Curie activities – member of the working committee (2001-2006)