

PERSONAL INFORMATION

Zsigmond ZETENYI

 00 40 259 408106  zetenyizsigmond@gmail.com

Sex Male | Date of birth | Nationality Romanian

POSITION

Associate professor;
Research Centre vice-director

WORK EXPERIENCE

2003-until today

Associate professorUniversity of Oradea, Universitatii street No 1; 410087 Oradea, Romania, www.uoradea.ro

- Teaching:
 - Numerical Methods; Electrotechnics I; Electrotechnics II; Electronics; Biomass and Related Conversion Technologies; Wind Energy and Related Conversion Technologies.

Business or sector Higher education

2008-until today

Research Centre Vice-director

"Energy Processes' Management" Research Centre; University of Oradea, Universitatii street No 1; 410087 Oradea, Romania,

- Research and Management

Business or sector Higher education

2007-2008

Associate professor

University "Politehnica" Bucuresti, Bucuresti

- Teaching
 - Marketing in Energy Sector
 -

Business or sector Higher education

2004-2005

Associate professor

Christian University Partium Oradea, Romania

- Teaching
 - Using Computers in Social Sciences; Using Computers in Sociology
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Business or sector Higher education

1994-2007

Associate professor

University "Gabor Denes" Budapest, Oradea Romania

- Teaching
 - Analogue and Digital Electronics; Introduction in General Technical Knowledge; Quality and Reliability; Quality Management etc.
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Business or sector Higher education

2003-2008

Board of Directors - member

SC ELECTROCENTRALE SA, Oradea Romania

- Management

Business or sector CHP Power Plant

2007-2009 **Shareholders General Meeting - member**

SC ELECTROCENTRALE SA, Bucuresti Romania

▪ Management

Business or sector CHP Power Plant

1998-2000 **Head of Department**

University of Oradea, Universitatii street No 1; 410087 Oradea, Romania, www.uoradea.ro

Department of Fundamental Disciplines

▪ Management

Business or sector Higher Education

1991-2003 **Senior Lecturer**

University of Oradea, Universitatii street No 1; 410087 Oradea, Romania, www.uoradea.ro

▪ Teaching

- Numerical Methods; Electronic Devices and Circuits; Power Electronic Converters; Control Theory;
- Power Electronic Motion Control etc.

Business or sector Higher education

1985-1991 **Head of Research Division**

University of Oradea (former Institute for Higher Education of Oradea), Universitatii street No 1; 410087 Oradea, Romania,

▪ Management

Business or sector Induction Heating Technologies and related Power Electronic Converters

1982-1991 **Engineer/Researcher**

University of Oradea (former Institute for Higher Education of Oradea), Universitatii street No 1; 410087 Oradea, Romania,

▪ Research

Business or sector Induction Heating Technologies and related Power Electronic Converters

1979-1982 **Engineer**

Company 'Infratirea" Oradea, Romania,

▪ Engineer

Business or sector NC; CNC Processing Centre, Machine Tools; Analogue and Digital Control Systems

EDUCATION AND TRAINING

1995-2001 **PhD Electrical Engineering**

University of Oradea

1998 **Scholarship at Technical University Budapest Hungary**

Department of Automatics

1974-1979 **Electrical Engineer**

University I.P. "Traian Vuia" Timisoara, Romania

PERSONAL SKILLS

Mother tongue(s) Other language(s)	Hungarian				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Romanian	C1/2	C1/2	C1/2	C1/2	C1/2
English	C1/2	C1/2	B1/2	C1/2	C1/2
French	C1/2	C1/2	C1/2	C1/2	C1/2
German	C1/2	C1/2	C1/2	C1/2	C1/2
Spanish	B1/2	C1/2	A1/2	A1/2	A1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills ▪ very good communication skills gained as teacher/manager

Organisational / managerial skills ▪ Research Centre vice-director
▪ Head of Department
▪ Member in Board of Directors
▪ Member in Shareholders General Meeting
▪ Project Director in many research projects
▪ President of Technical Sciences Society

Job-related skills ▪ Expert in Renewable Energy Resources
▪ Expert in Energy Conversion from Renewable Resources
▪ Expert in Sustainable Development
▪ Expert in Electrical/electronic engineering
▪ Expert in Reliability electrical/electronic equipment
▪ Expert in Numerical Methods
▪ Expert in Computer Aided Maths

Computer skills ▪ Very good command of Microsoft Office™ tools
▪ Expert in Computer Aided Design
 ▫ MathCAD
 ▫ AutoCAD
 ▫ Etc

Other skills ▪

Driving licence ▪ B

ADDITIONAL INFORMATION

- Publications
- Presentations
- Conferences
- Seminars

- 26 text books;
- 15 lecture notes;
- 24 article in international publications;
- 35 articles in national publications;
- 1 patent of inventor

Projects

- 8 international research projects,
 - Project manager and expert in “Waste Management Technologies” – WASTEMANTECH - Programme: ERASMUS +; 2015-2017
 - Project manager and expert in „Education Modules’ Development for Technical and Legal Issues in Energy Sector Technologies”; Lifelong Learning Programme; Leonardo Da Vinci; Leonardo da Vinci - Transfer of Innovation – 2013-2015
 - Project manager and expert in HURO 0901/210/2.2.2. - Geologic Thermal Heating and Electricity with Romanian and Hungarian Interregional Cooperation - Romania 2011-2012
 - Project manager and expert in HURO 0801/084 - Heat and electric energy production based on alternative resources in the cross border area - Romania, 2009-2010
 - Project manager and expert in HURO 0802/043 - Research centre for the research of sustainable energy processes - Romania 2010-2011
 - Project manager and expert in HURO 0802/115 - System for studying fundamental issues of renewable energy production- Romania 2010-2011
 - Expert in “Information Network on the Technology of Utilisation and Sustainability of Energy Recourses” – INTUSER, 5: FRAMEPROGRAM Supported By The EUROPEAN COMMISSION, 2002-2004
 - Expert in “Demonstration And Use Of The Cogeneration Technologies Through The Generation Of Electric And Heat Energy By High Speed Turbine-Generator Sets” - INCO COPERNICUS PROGRAM Supported By The EUROPEAN COMMISSION, 1999-2000

Honours and awards

Memberships

- Award Qualified Teacher of the University “Gabor Denes” Budapest, Hungary – 2000
- Certificate of Merit for Teaching and Research Activity – University of Oradea, Romania, 2011

References

- SIER – member
- Hungarian Technical Scientific Society of Transylvania Bihor County Division – president

Prof. Dr. Marcel Rosca – Vice-rector, University of Oradea, Romania
 Prof. Dr Ferenc Kalmar – Technical University of Debrecen Hungary
 Prof. Dr Gabor Grasselli - Technical University of Debrecen Hungary
 Prof. Dr. Ferenc Lezsovits – Technical University of Budapest, Hungary
 Prof. Dr. Victorita Radulescu – University “Politehnica” Bucuresti, Romania
 Prof. Dr. Gabor Flora – Christian University “Partium” Oradea, Romania
 Prof Dr. Gabor Kollo – President of the Hungarian Technical Scientific Society of Transylvania, Romania
 Otto Edocs – President of the Innoterm Ltd Budapest, Hungary