

Personal data



Ing. Zuzana Pšenáková , PhD.



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Gender woman | Date of Birth 04/10/1980 | Nationality Slovak

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EMPLOYMENT HISTORY

University teacher/ Biomedical engineering, Influence of electromagnetic field on living organisms and implantable electronic devices

23.7.2014- continue

University teacher,

Faculty of Electrical Engineering, Žilina University in Žilina, Univerzitná 1, 010 26 Žilina

management of the BMI department,

- leading lectures and exercises for bachelor's and engineering study programs,
- management of diploma and bachelor's theses at Department of Electromagnetics and biomedical engineering,
- improving the quality of the teaching of subjects provided by the department,
- scientific research activity in the field of Biomedical engineering,
- member of the marketing team at Faculty of Electrical Engineering
- active presentation of achieved results at conferences at home and abroad and their publication in renowned magazines (Best publications in Journals: <https://www.mdpi.com/1424-8220/22/17/6359>; <https://www.mdpi.com/1424-8220/23/4/2351>)

1.10.2009 - 22.7.2014

Maternity and parental leave with two children

1.10.2007-30.9.2009

University teacher, Erasmus coordinator, Study advisor

Faculty of Electrical Engineering, Žilina University in Žilina, Univerzitná 1, 010 26 Žilina

- leading lectures and exercises, seminars for bachelor's and engineering study programs,
- management of diploma and bachelor's theses at KTEBI,
- innovation and improvement of the teaching of subjects provided by the department,
- scientific research activity in the field of BMI,
- active presentation of achieved results at conferences at home and abroad and their publication in renowned magazines.
- co-investigator of faculty tasks and projects of VEGA and APVV.
- coordination of students in the field of traveling abroad through the Erasmus program. Student advisor for both bachelor's and master's degrees.

July 2004 - September 2004 Designer-budgeter

VA TECH ELIN EBG SR, s.r.o, Kragujevská 8, 010 01 Žilina

- preparation of budgets and communication with suppliers and customers in the field of energy, ▪
planning electrical distribution and switchboards in buildings

Education

Certificate

October 2021- November 2021	Civitta Slovakia, a. with., Universal analytical competence in the Project Management educational program	
April 2021- May 2021	Institute of Lifelong Education, University of Žilina in Žilina, public university ▪ Certificate in EMI Skills Cambridge English	
October 2014- March 2015	Institute of Lifelong Education, University of Žilina in Žilina, public university ▪ B1 1 st Certificate in English from the Cambridge university ▪ ▪ Erasmus + teacher mobility ▪ ▪ 3 days University of West Bohemia in Pilsen, Czech Republic ▪ ▪ 5 days University of Patras, Greece ▪ ▪ 4 days West Pomeranian University of Technology, Szczecin, Poland ▪ ▪ 3 days - Lublin University of Technology, Poland ▪ ▪ 4 days - Lublin University of Technology, Poland ▪ ▪ 5 days - Lublin University of Technology, Poland ▪ ▪ Other stays abroad ▪ ▪ VŠB TU Ostrava, Czech Republic - a series of shorter stays as part of the Quality Education project with the support of innovative forms, quality research and international cooperation - a successful graduate for the needs of practice ▪ ▪ 1 week - University of Catania, Italy - stay as part of the project Quality education with the support of innovative forms, quality research and international cooperation - a successful graduate for the needs of practice	
October 2004 – September 2007	Philosophiae doctor (PhD.) Department of Theoretical Electrical Engineering and Biomedical Engineering, Faculty of Electrical Engineering, University of Žilina in Žilina, ▪ Doctoral studies in the field of science 26-02-9 Theoretical electrical engineering, thesis topic: The influence of the electromagnetic field on the human body with a focus on the human head	ICED 6
Jun 2006 - September 2006	DAAD research Hochschule Ulm, Germany ▪ Scientific work in laboratories, areas : Electronics, Electrical engineering, Microwave technology and antennas, Mobile networks	
July 2005 - October 2005	Leonardo da Vinci program Eldith GmbH (NeuroConn GmbH),Germany ▪ experience in a diagnostic-therapeutic company, cooperation in the production of EEG and research with EEG and EOG and Biofeedback devices in the company's laboratories	
September 1999 - Jun 2004	Biomedical Engineer (Ing.) Department of Theoretical Electrical Engineering and Biomedical Engineering, Faculty of Electrical	ICED 5

Engineering, University of Žilina in Žilina,

- engineering studies in the field of study 266-48-00 Biomedical engineering, thesis topic: The influence of the electromagnetic field on living organisms

April 2003 – July 2003

Erasmus

RWTH Aachen , Germany

- summer semester at RWTH Aachen, subjects: Sensor technology, Biomaterials, German language

Personal skills

Mather language

Slovak

Next languages

	LISTENING	SPEAKING	WRITEING
English	B2	B2	B2
1 st Certificate in English from the Cambridge university .			
German	B1	B2	B1

Communication skills

- good communication skills acquired in the position of head of department, study advisor and Erasmus coordinator at the department

Organization skills

Management and organization within the Department of Biomedical Engineering and organization and management of students within the Department of Theoretical Electrical Engineering and Biomedical Engineering

- head of the biomedical engineering department, study advisor
- Erasmus coordinator

Work Skills

- creativity, communicativeness, ability to adapt to new conditions, responsibility, flexibility, initiative, cooperation in a team - teamwork
- good command of quality control procedures (responsibility for quality audit at the department)

European driving license for computers (ECDL)

- good knowledge of Windows, Microsoft Office, Internet, Corel Draw, SEMCAD, CST studio (I gained experience during my studies and internship at the University of Žilina in Žilina and also during internships abroad)

Next skills

- Painting and drawing, folk-art school Ružomberok
- Musical hearing - playing the accordion

Driving licence

B

Additional informations

Projects
Conferences
Honours

Co-investigator of faculty tasks and projects of VEGA and APVV and ESF at UNIZA
Member of the organizing committee of international conferences
Honourable mention posters-IPET 2015, Vienna, Austria

