

Zsuzsanna Koncsik Ph.D.

WORK EXPERIENCE

1th September 2016 -

University of Miskolc

ASSOCIATE PROFESSOR

Higher education: working out different subjects; giving lectures and practical lessons for Hungarian and foreign students; supervising the diploma work in BSc and MSc levels of Hungarian and foreign students; Preparing tender proposals and realizing them; Leading of R&D works for industry. Publication and reviewer work in fields of fracture mechanics, structural integrity and tribology of ceramics. Science popularizing activities.

Important R&D experiences:

- Analysis of induction hardened parts; BOSCH - project leader;
- Revision of defect measuring and repairing technologies of gas transporting pipelines, FGSz Zrt. – researcher

1th July 2015 -
31th August 2016

University of Miskolc

LECTURER

Higher education: assistance by working out different subjects; giving practical lessons; supervising diploma works; Participation in tenders; Leading and participation as researcher in R&D works for industry.

Important R&D experiences:

- Corrosion failure analysis of different structures, ZSÓRY FÜRDŐ - project leader;
- Analysis of induction hardened parts; CLAAS - project leader;
- Hardness tests on different samples, EAGLE OTTAWA COMPANY - project leader;
- Training program for pipeline lifetime management - Training for "reliable engineer" - trainer;
- R&D for welding technology, FGSz Zrt. - researcher;

1th September 2009 -
30th June 2015

University of Miskolc

ASSISTANT LECTURER

Higher education: giving practical lessons; Participation in tenders;
Participation as researcher in R&D works for industry.

Important R&D experiences:

- Friction and surface evaluation study - researcher;
- Complex study on production technology of micro-welded electronic parts - researcher;
- Investigation of pipeline pig cleaning seals - researcher;

2007-2011

University of Miskolc

INTERPRETATION - German language

Commissioning and training on plasma cutting equipment (2011)

Researcher night: Interpreting of the performance of Guericke Society of Magdeburg (2007 and 2009)

Interpretation of presentations of 19th Hungarian Casting Conference (14-16th October 2007)

EDUCATION

9th April 2014

Doctoral Degree, UNIVERSITY OF MISKOLC, Mechanical Engineering

Topic: Tribological and mechanical investigation of silicon-nitride ceramics

26th June 2007

M.Sc. Degree in Engineering and Management

Degree in German Technical Translator

UNIVERSITY OF MISKOLC

LANGUAGES

2009

English Level B2, technical, Type C

2002

German, Level C1, Type C

SKILLS

Operator of Multi-Function Modular Micro-Nano Surface Testing System, UNMT-1, 2011.

IT-knowledge: Microsoft Office, Microsoft Visio, Internet, Databases: CES, Equist

Driving licence, category B. (2000)

**PROFESSIONAL
MEMBERSHIP**

2014-

Membership at research network of Hungarian Academy of Sciences

2012-

Membership at Society for Materials Testing in Hungary (MAE)

2010-2012

Membership at Society of Materials Sciences in Hungary

AWARDS

9-11 th June 2017	Medallion of the Faculty of Mechanical Engineering and Informatics
9-11 th October 2011	Best poster at the 8 th Materials Sciences Conference, Balatonkenese
13 th November 2007	"Best Degree Thesis" Award from Society of Hungarian Engineers and Builders in Switzerland
2007 and 2005	National Scientific Students Conference 2 nd and 4 th places
2007 and 2006	Silver and gold grade of University Medallion
2006 and 2005	Republican Stipendium