



Hungary-Serbia

IPA Cross-border Co-operation Programme



The Programme is co-financed by the European Union

Europass Curriculum Vitae

Project acronym

REVLAB

Abbreviated name of the organization

UNSFTN

Personal information

First name(s) / Surname(s)

Zoran IVANOVIĆ

Address(es)

University of Novi Sad Faculty of Technical Sciences, Trg Dositeja Obradovica 6, 21000 Novi Sad, Serbia

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Nationality

Serbian

Date of birth

19.07.1981.

Gender

Male

Position / role In the project

Researcher

Work experience

Dates

2007-to date: Research and Teaching Assistant at the University of Novi Sad, Faculty of Technical Sciences

From 2005-2007: Research Assistant at the University of Novi Sad, Faculty of Technical Sciences

Occupation or position held

Research and Teaching Assistant in Electrical Engineering

Main activities and responsibilities

Teaching & Research

Name and address of employer

University of Novi Sad, Faculty of Technical Sciences, Trg Dositeja Obradovica 6, 21000 Novi Sad, Serbia

Type of business or sector

Academic

Education and training

Dates

2007. MSc in Electrical Engineering, University of Novi Sad Faculty of Technical Sciences

2005. BSc in Electrical Engineering, University of Novi Sad Faculty of Technical Sciences

Title of qualification awarded

National Vocational Qualification Level 7-II (Master of Electrical Engineering)

Principal subjects/occupational skills covered

Power Electronics, Renewable energy systems, Electrical drives and machines

Name and type of organisation providing education and training

University of Novi Sad Faculty of Technical Sciences

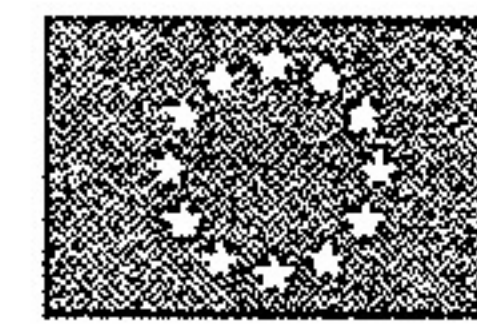
Level in national or international classification

ISCED Level 5A



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Personal skills and competences

Mother tongue(s)

Serbian

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) Common European Framework of Reference for Languages

Organisational skills and competences

Participated in 2 international scientific projects and more than 5 national projects. Took part in organisation of one conference.

Technical skills and competences

Expertise in computer simulation using Matlab/Simulink, expertise in renewable energy system, especially wind energy applications, experience in control of power electronics converters, especially in control of grid connected converters, experience in education and knowledge transfer

Computer skills and competences

Experience in Matlab/Simulink, DSP programming tools, well acquainted with the use of Microsoft Office tools (Word, Excel and PowerPoint).

Additional information

Selected Publications:

1. Z. Ivanovic, E. Adzic, M. Vekic, S. Grabic, N. Celanovic, V. Katic, "HIL Evaluation of Power Flow Control Strategies for Energy Storage Connected to Smart Grid Under Unbalanced Conditions", *IEEE Transaction on Power Electronics*, USA, ISSN 0885-8993, (to be printed) [Online]. Available: 10.1109/TPEL.2012.2184772
2. N. Celanovic, I. Celanovic, Z. Ivanovic, "Cyber Physical Systems: A New Approach to Power Electronics Simulation, Control and Testing", *Advances in Electrical and Computer Engineering*, Faculty of electrical engineering and computer sciences, University of Suceava, Romania, vol.12, Issue 1, pp. 33-38, Feb. 2012.
3. E. Adzic, Z. Ivanovic, M. Adzic, V. Katic, "Optimum Fuzzy Logic Control of Induction Generator in Wind Turbine Application", *Acta Polytechnica Hungarica - Special Issue on Intelligent Systems and Informatics*, 2009, Vol. 6, No. 1, ISSN 1785-8860, pp. 131-149.
4. M. Vekic, Z. Ivanovic, S. Grabic, V. Katic, "Control of Variable Speed Wind Turbine Under Grid Disturbances", *Electronics*, 2005., Vol. 9, No. 2, pp. 66- 69, ISSN 1450-5843.

Selected projects:

1. Cost Effective & Environmentally Friendly Energy Systems (Grant No. CD_JEP-18126-2003.), TEMPUS, financed by EU (2004.-2007)., project leader Prof. Dr. Vladimir Katic
2. Smart Electricity Distribution Grids Based on Distribution Management System and Distributed Generation (Grant No. III 42004), financed by the Ministry of Science and Technological Development of Republic of Serbia (2011-2014), project leader Prof. Dr. Dragan Popovic
3. The new energy management solutions in the wind energy converters (Grant No. TR17022), financed by Provincial Secretariat for Science and Technological Development, project leader Prof. Dr. Vladimir Katic
4. Research and Development of Energy Efficient Systems and Power Plants for Electric Cars (Grant NO.) financed by Provincial Secretariat for Science and Technological Development (2011-2014), project leader Prof. Dr. Vladimir Katic

Ubohobut Zoran

Signature