

## **CURRICULUM VITAE**

**PhD DJORDJE JOVANOVIĆ**

**Full Professor**



Personal information:

Djordje Jovanović

Address:

Moskovska 7, Podgorica, 81000, Montenegro

Email:

jovanovic.djoko19@gmail.com

### **EDUCATION**

- 1984 - The University of Belgrade, Department of Electrical Engineering Belgrade, Ph.D. thesis in Power Electronics and Electric Drives, defended,
- 1980 - The University of Belgrade, Department of Electrical Engineering, Belgrade, MSci. degree in Power Electronics and Electric Drives,
- 1976 - The University of Belgrade, Department of Electrical Engineering, Belgrade, B.S. degree in Electrical Engineering. By the University Belgrade he was awarded for achieved results on "The Republic day" 1975.

### **SPECIALIZATIONS:**

- 1976-1977 - Research Fellow for one year in Moscow Electrotechnical Institution (MEI) in Moscow, Russia
- 1986 – Postdoctoral Research Fellow 2 months at Moscow State University Lomonosov, Moscow, Russia
- 1988- Postdoctoral Research Fellow 6 months at the Faculty of Electrical Engineering - Florida State University (FSU), Florida, USA.
- 1990-1991- Fulbright scholarship for one year for Postdoctoral Study at the Faculty of Electrical Engineering - Florida State University (FSU), Florida, USA.
- 1991 -Visiting Professor at the Faculty of Electrical Engineering - Florida State University (FSU), Florida, The USA. By the official SIRS (Student Instructional Rating System) he was evaluated as one of the best lecturers in the spring semester of 1991.

### **WORK EXPERIENCE**

- 1976-1981 Electrotechnical Center Nikola Tesla, Belgrade
- 1981-1985 Assistant, Electrical Engineering Faculty, University of Montenegro
- 1985-1990 Assistant Professor, Electrical Engineering Faculty, University of Montenegro
- 1990-1995 Associate Professor, Electrical Engineering Faculty, University of Montenegro

1995- 2017 Full Professor, Electrical Engineering Faculty, University of Montenegro  
2017- present Faculty of Management Herceg Novi, University Adriatic

### **PRINCIPAL SUBJECTS**

Teaching (Undergraduate, Master and Doctoral level) and Research in the fields: Power Electronics, Electric Drives, Computer Application Software, Renewable Sources of Energy, Project Management.

### **OTHER PROFESSIONAL ENGAGEMENT**

2001-2003 Vice-Rector of the University of Montenegro for International cooperation  
2001-2004 Representative of Montenegro in Europe Council, Strasbourg – Directorate for Higher Education  
2001-2005 Representative of Montenegro in UNESCO –CEPES and a coordinator, Expert of UNESCO – CEPES.  
2001-2005 Member of Bologna Follow Up Group (BFUG) (Strasbourg) as representative of Montenegro  
2009-2017 Expert for the Higher education of CHEPS (Center for Higher Education Policy Studies)  
University of Twente, Netherlands

### **MEMBERSHIP OF PROFESSIONAL BODIES**

Member of IEEE (Institute of Electrical and Electronics Engineers), USA  
Member of EPE (European Power Electronics and Drives), Belgium  
Member of the Committee for Technical Sciences of the Montenegrin Academy of Sciences (CANU)  
International Conference „New Technologies, Development and Application“ NT, Sarajevo: Member of  
International Organizing Committee, Member of Scientific Committee  
International Conference on Advances in Science and Technology - COAST 2022, Herceg Novi: Presidency  
of the Organizing Committee, Member of the Scientific Committee, Member of the Editorial  
Board  
Etc.

### **UNIVERSITY TEXTBOOKS**

Dj. Jovanović: "Power Electronics", p. 198, "Obod", Cetinje, 1994.  
Dj. Jovanović, S. Klenak: " Programming in Basic", p. 250, University of Montenegro, Podgorica 1999

### **FOREIGN LANGUAGES SKILLS**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	C1	C1	C1	C1	C1

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

## SOME OF THE INTERNATIONAL PROJECTS

He was a leader or participant in more than twenty international and national scientific projects. He was the leader of two Tempus projects, financed by the Europe Commission, Brussels. Some of the international projects:

Participant in TEMPUS project as external evaluator appointed by European Commission **Tempus project No:** 543667-TEMPUS-1-2013-1-RS-TEMPUS-JPHES (2013 – 4609/001 – 001), **Name:** “Building Network of Remote Labs for strengthening university-secondary vocational schools collaboration” (<http://www.nerela.kg.ac.rs/project/aims-and-objectives>), **Period:** 2013-2016

External expert in HEDOCE project “**Higher Education Drop-out and Completion in Europe**“, by the CHEPS (Center for Higher Education Policy Studies), the University of Twente, Nederland, and NIFU (Nordic Institute for Studies in Innovation Research and Education), (financed by European Commission, Erasmus Programme). 2014.

Participant in **Tempus Project No:** 511126-TEMPUS-1-2010-1-RS-TEMPUS-SMGR, the Reference number of the Grant agreement: 2010-2856/001-001, **Name:** Enhancing the quality of distance learning at Western Balkan higher education institutions – DL@WEB, **Period:** 2010-2013

Participant in **Tempus IV Project No.** 158644-TEMPUS-1-2009-1-DE-TEMPUS-JPCR, **Name:** “Development of Regional Interdisciplinary Mechatronic Studies” - DRIMS. **Period:** 2010-2013

Dj. Jovanovic (leader of Project): “Creation of Bologna Team Promoters of Montenegro”, SCM TEMPUS PROJECT No. PP\_SCM-C008Z04, funded by Tempus – Card, Brussels, **Period:** 2005-2006 y., participants the University of Montenegro, LaSapienza University of Rome, Finland Ministry of Education.

Dj. Jovanovic (leader of Project): “Development of the university of management of University of Montenegro”, JEP TEMPUS PROJECT UM JEP – 17023-2002 funded by Tempus – Card, Brussels, **Period:** 2003-2005 y., participants the University of Montenegro, LaSapienza University of Rome, Bolton University of Bolton England.

Etc.

## SOME OF THE PUBLICATIONS

He published more than 90 papers in international and domestic journals and conferences. Some of the publications:

Dj. Jovanovic: "Characteristics of frequency controlled asynchronous squirrel cage motor with respect to the minimum inductor current in steady state regimes", Proceedings IEEE, IEE, AIE, "Evolution and modern aspects of induction machines", pp. 500-505, July, 8-11, 1986, Torino, Italy.

Dj. Jovanovic: "Influence du type de commande sur les caracteristiques d'un moteur asynchrone alimente an frequence variable", Journal Revue Generale d'el Electricite, January, 1985, No.1, pp. 11-14, Paris, France (in French).

Dj. Jovanovic: "Asynchronous motor characteristics with frequency control in transient regimes", Journal of USSR Academy of Sciences "Elektricitstvo", January 1985, No.1, pp.58-65, Moscow, USSR (in Russian).

Dj. Jovanovic: "Effects of high harmonics to loss at induction machine feeding by autonomous current inverter", Journal "Technica" Vol. 30, NO. 6, pp. 989-996, 1981, Belgrade. (published as an original scientific paper)

Dj. Jovanovic: "Investigation of the influence of nonlinearity of the magnetization curve on electromagnetic processes in an asynchronous motor during frequency regulation with an autonomous current inverter", Journal "Tehnika", N.6, p.942-947, Belgrade 1980. (published as an original scientific paper)

Dj. Jovanovic: "Static characteristics of induction motor feeding by autonomous current inverter", Journal "Tehnika", N.2, p.289-295, Belgrade 1981. (published as an original scientific paper)

Dj. Jovanovic: "Pulsation of electromagnetic torque of induction motor due to high current high harmonics", Journal "Electrotehnika", #9 p.1291-1295, Belgrade 1983. (published as an original scientific paper).

Dj. Jovanovic: "Rotor speed pulsation caused by non-sinusoidal stator current at induction machine feeding by controlled current source inverter", Journal "Electrotehnika", Vol.27, No.3, pp.163-168, 1984, Zagreb. (published as an original scientific paper)

Dj. Jovanovic: "Characteristics of induction motor controlled with minimum stator current and constant flux", Proceedings ETAN, p.89-96, June 1984, Split.

Dj. Jovanovic: "Optimization of steady-state regimes frequency -voltage controlled induction motor in closed loop system", Proceedings ETAI, p.302-305, September, 1985, Ohrid.

Dj. Jovanovic: "Influence of nonsinusoidal supply on mechanical characteristics of frequency-voltage controlled asynchronous motor", Proceedings Polish Academy of Sciences Int. Conf. on "Quality of supply from power networks", p. 351-356, September, 23-24, 1986, Gliwice, Poland.

Dj. Jovanovic: "Power losses in asynchronous motor supplied from nonsinusoidal sources", Proceedings Polish Academy of Sciences Int Conf. on "Quality of supply from power networks", p.357-361, September, 23- 24, 1986, Gliwice, Poland.

R. Radonjic, Dj. Jovanovic" Characteristics of Mc-Murray single phase inverter controlled by microprocessors, Proceedings Conference of Electric Drive SEITH, p. 64-70, May 1988, Zadar.

O. Jovanovic, Dj. Jovanovic: "Mathematical modeling of the system using parameter identification techniques", Proceedings Intern. conf. " Signal and systems", AMSE, Brighton, AMSE, vol.2, p.141-152, Brighton, UK, July, 12-14, 1989.

Z. Miletic, Dj. Jovanovic: "Application of brushless motors in robotics", 37th Conf. ETAN, Belgrade, 20-23 Sept. 1993, Proceedings RO, p.68-74.

Jovanović Dj., Vujošević G., Vujošević S.: "Synchronous control of reversible DC machines", Proceedings International Conference "Electric Drives & Power Electronics ", p.388-391, Slovakia Oct. 1994.

Dj. Jovanovic, Vujcic V.: "Comparison of characteristics of PCSPR and Buck converters", Journal "Elektroprivreda", No.1, p.34-38, Belgrade, March 1995.

Jovanovic Dj., Jovanovic O., Lutovac B., Radulovic D.: "Optimal control of three squirrel cage induction motor using neural networks", Journal "Tehnika", Beograd, 1995, (published as an original scientific paper).

O. Jovanovic, Dj. Jovanovic: "Using neural networks for the identification of constructions", Conference of operational Research SYM-OP-IS, Zlatibor, Oct.1996, Proceedings p. 431-435.

O. Jovanovic, Dj. Jovanovic: "Detection of movement of construction using neural networks", IT-98, Conference of Information Technologies, Zabljak, 8-16. March 1998. Proceedings p. 121-124.

O. Jovanovic, Dj. Jovanovic: "Identification of system using artificial neural network technique, Journal of Maritime Faculty of Kotor, Kotor, 2003, N.20/2003, p.345-352.

O. Jovanovic, Dj. Jovanovic: "An approach to the estimation of the stiffness and damping parameters of the structure", International Scientific Conference on production engineering, RIM 2003, Proceedings p.571-576, Sept.25-27, 2003.

S. Markić, V. Vujičić, Dj. Jovanović " Designing of Integrated buck-flyback convertor" Proceedings of IT, Žabljak, February 22-26, 2011, p. 170-173.

Dj. Jovanovic, O. Jovanovic: Wind power plants as alternative sources of energy, 2nd International Conference „New technologies NT-2015, ISSN 2303-5668, p. 288-294, Mostar, 2015.

B Glomazić, M. Glomazić, Đ. Jovanović: "The influence of CO2 emissions on the current state of the electricity market and its further development", CIGRE Congress, R C5-15, Bečići, 2017.

Etc.

Some references devoted to the implementation of the Bologna Process:

Dj. Jovanovic: "Bergen feedback and beyond – Feedback from Montenegro", Conference WUS "Curriculum Development and ECTS", Budva, 14-17 June 2005.

Dj. Jovanovic, S. Koprivica: "Higher Education Structure of Montenegro", Proceedings "National Trends in the Bologna Process" 2004/2005, Euridice European Unit, Brussels, Belgium, 2004, p. 71-73.

Dj. Jovanovic "Reforming the study programs and curricula at the University of Montenegro from the perspective of the provisions of the Bologna Declaration", a Case Study, Conference UNESCO-CEPES/EUA, 6-8 March, 2003, Bucharest, Romania,

Etc.