ИМЕ И ПРЕЗИМЕ: --Владимир Терзија, The University of Manchester, Manchester, UK	
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РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ	Nakon zasnivanja radnog odnosa sa The University of Manchester, učestvovao sam u izvodjenju nastave i u unapredjenju planova i programa u okviru sledećih predmeta:
	
	- Dodiplomske studije:
	  o EEEN30047 Power Systems Analysis
	  o EEEN30048 Power Systems: Plant, Condition Monitoring and Protection
	- Postdiplomske studije:
	  o EEEN60086 Introduction to Power Systems
	  o EEEN60311 Power System Modeling and Analysis
	  o EEEN60372 Power system Plant, Asset management, Condition Monitoring
	  o EEEN60056 Quality of Supply
	  o EEEN60076 Power system protection (**module leader**)
	  o EEEN60342 Power System Dynamics & Quality of Supply
	
	Poseban doprinos u pogledu unapredjenja planova I programa sam postigao u sledećim predmetima:
	
	  o EEEN30048 Power Systems: Plant, Condition Monitoring and Protection (new virtual laboratory exercises in PSCAD software package and new topics directly transferred from my industrial experience (work with ABB in Germany) were created: assessment of Transient Recovery Voltages during different types of commutations in switchgear)
	  o EEEN60311 Power System Modeling and Analysis (new computer based virtual laboratory exercises and new tutorial were created: short circuit studies using IPSA software package)
	  o EEEN60372 Power system Plant, Asset management, Condition Monitoring (new computer based virtual laboratory exercises and a new tutorial were created: switchgear transients, components, design and asset management)
	  o EEEN60056 Quality of Supply (curriculum innovation through introduction of estimation theory for the assessment of signal distortions)
	  o EEEN60076 Power system protection (curriculum innovation and new computer based laboratory exercises: as a module leader I significantly changed the module content, introducing new aspects of Wide Area Monitoring, Protection and Control, Distance Protection and Asymmetrical Faults Calculation, Protection of networks

	with renewable energy sources and Substation automation with examples how different communication protocols (e.g. SPA, Modbus, LON, IEC-103 and Profibus) can be used in Smart Grid Protection) o EEEN60342 Power System Dynamics & Quality of Supply (curriculum innovation through new computer based tools for demonstration of key phenomena of the system during electromechanical transient processes: Equal Area Criterion Simulation Example) Razvoj softvera kao podrške nastavi: - PSCAD teaching software for several PG and one UG module. The software has been adapted for the UG and PG modules relevant for teaching power systems. - AirArc model of the electrical arc, implemented in the ATP-EMTP software package - WMOD software package, developed by myself in 1992-1993 at the TU Kaiserslautern (Germany) for assessment of faults in transmission systems and for the analysis of power quality; this package is used in a number of European countries and in Korea. Lista kontinuiranog i uspešnog obezbedjivanja sredstava za unapredjenje nastave I laboratorijskih aktivnosti sa studentima: - In 2014 **£1.3m**, EPSRC, Real Time Digital Simulator (RTDS) – Hardware in the Loop Testing facilities – the largest facilities in the UK / second largest facilities in Europe - In 2013 **£57k** National Grid funding for Protection and Control laboratory testing facilities approved. - In 2007 **£60k** EPSRC funding invested into the Protection and Control laboratory. Two Omicron test devices with the necessary software were purchased and are extensively used for the teaching purposes - In 2009 3 SEL PMUs (total value **£15k**) were obtained as a donation for the development of the Wide Area monitoring, Protection and Control System. This system is directly used for the UG and PG studies (Power System Analysis and Power System Protection) - In 2009 DigSilent software package (total value **£15k**) was purchased from my EPSRC funded FreCon project. The software is now extensively used by our MSc students in the School of EEE, EEPS Group. - In 2010 the Sincal software package (total value **15k Euros**) was received from Siemens, Erlangen, Germany

		- In 2010 Alstom Grid (former Areva) donated 2 PMUs and one Data Concentrator (total value **£20k**) for the development of the Wide Area monitoring, Protection and Control System. This system is directly used for the UG and PG studies (Power System Analysis and Power System Protection) - In July 2011 the EMTP-RV software (the total value **£5k**) will be ordered and will be used on the PhD and MSc project level. The funding is secured from my currently running research projects. - In July 2011 the full version of the PSCAD software (the total value **£18k**). The funding is secured from my currently running EPSRC and industry funded research projects. - SEL (USA) 2013 hardware and software donation (the total value **£45k**)
ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА		- 1989 puta citiran prema Google Scholar - Indeks citiranosti *h*=22 prema Google Scholar
МЕЂУНАРОДНА РЕПУТАЦИЈА	ГОСТ УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	- Journal of Modern Power Systems and Clean Energy, prvi kineski časopis na engleskom jeziku; 2014
	ПРЕДСЕДАВАО МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	- Symposium Co-Chair: IEEE SmartGridComm Symposium on Wide-Area Monitoring, Control & Protection, Brussels, October 2011 - Technical Program Committee Co-Chair, International Conference on Power System Transients, Vancouver, 2013 - Technical Program Committee Co-Chair, IEEE, ISGT, Manchester, December 2011
	ЧЛАНСТВО У УРЕЂИВАЧКИМ ОДБОРИМА МЕЂУНАРОДНИХ НАУЧНИХ ЧАСОПИСА	- IEEE Transactions on Power Delivery, Associate Editor (od 2012)
	АУТОР МЕЂУНАРОДНЕ МОНОГРАФИЈЕ	- Janaka Ekanayake, Jayasiri Karunanayake, Vladimir Terzija, “Modern Power System Protection”, John Wiley, prvo izdanje se očekuje krajem 2014. godine
НАПОМЕНА		Ukupni prihod od istraživačkih projekata: £27.9M (od čega direktno £7.127M dodeljenih Vladimiru Terziji)

	Nagrade i priznanja: 1. Taishan Scholar, 09/2013-09/2018; China, Shandong Province, Jinan, Shandong University, 2 Million Yuan (£100k) award for 5 years research 2. Visiting Professor at the Shandong University, Jinan, China (since 2012) 3. Visiting Professor at the University of Malaya, Kuala Lumpur, Malaysia (since 2011) 4. Humboldt Research Fellow, Alexander von Humboldt Foundation Research Fellow (Hildegard Mayer Prize; selected two engineers from the whole world in 1999), University of Saarland, Saarbruecken, Germany, 1999-2000 5. A conference paper selected for the best papers session: S.Padmanabhan, V.Terzija, “Line Parameter-Free Fault Location Algorithm for Series Compensated Transmission”, 2013 IEEE Power and Energy Society General Meeting, July 2013 6. DAAD Scholarship Holder, DAAD (German Academic Exchange) Scholarship, University of Kaiserslautern, Kaiserslautern, Germany, 1992-1993 7. EDF Energy 2nd Prize for The Best Paper at the conference: V.Terzija, R.Ciric, H.Nouri, “Fault Currents Calculation Using Hybrid Compensation Method And New Arc Resistance Formula”, Proc. of 39th Int. Universities Power Engineering Conference (UPEC), ISBN: 1-86043-365-0, 6-8. Sep. 2004 8. The best tutorial at the conference: "Long Arc In Free Air: Testing, Modelling and Parameter Estimation: Part I / Part II", 180 minutes tutorial, Proc. of 9th Int. IEEE Conf. on Harmonics and Quality of Power, ICHQP, Orlando, FL USA, Oct. 1-4, 2000. pp. 404-409. 9. The best paper in the session: V.Terzija, D.Markovic, ”Symmetrical Components Estimation Through Nonrecursive Newton Type Numerical Algorithm”, Proceeding of IEEE Budapest PowerTech99 Conference, Paper BPT99-225-16, Budapest, Aug. 1999. (paper directly accepted for the publication in IEEE Trans. On Power Delivery) 10. “Significant Reviewer” recognised by the IEEE Power Engineering Society, September 2006 11. Goethe Institute, Göttingen, Germany, School of German Language, 2 months course, 1992 12. Goethe Institute, Freiburg, Germany, School of German Language, 2 months course, 1990